800

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
~~718 SYMES BUILDING~~ 438 Equitable Bldg.
DENVER 2, COLORADO
~~ACOMA 2-6521~~ 292-3306

November 26, 1962

OME
DEPARTMENT OF THE INTERIOR
NOV 27 1962
REGION III
DENVER, COLORADO

United States Department of Interior
Bureau of Mines
Region 3, Building 20
Federal Center
Denver 25, Colorado

Attention: Hugh Connors

Re: D.M.E.A. 2618
Contract I.D.M. - E 452
Blackfoot Group

Gentlemen:

No production is being obtained from the Blackfoot Group of claims. During the past year application has been made for a patent on said property. It would probably be more correct to state that the procedure for obtaining a patent on part of the group has been instituted. During the last year and a half there has been pending in Montrose County Civil Action No. 8577 which affects the claims. The suit involves a staking by a Mr. Ensle and Mr. Fowler under Public Law 359, commonly called the Power Site Restoration Act. Title from Fowler and Ensle was obtained by Four Corners Oil and Minerals Co. The latter has agreed that our claims are superior, senior, and prior to those of Four Corners Oil and Minerals Co. Unfortunately, technicalities have prevented the signing of the stipulation and decree. It is anticipated that these will be signed shortly. It is further anticipated that within the relatively near future the claims will be leased to a major mining concern. The lease will not be entered into, however, until the decree has been entered in Montrose County and a copy of the decree presented to the Atomic Energy Commission in Grand Junction so that their records are corrected.

The unfortunate litigation has resulted in no operations being conducted on the property. Since there has been no operation on the property, there is no production. Since there is no production, there will be no further royalty payment under the contract numbered D.M.E.A. - 2618, or I.D.M. - E452.

It is regretted that the circumstances have precluded full repayment during the term of the contract.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW/jc

800

Building 20 - Federal Center
Denver 25, Colorado

November 13, 1962

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, GME
Washington 25, D. C.

From: Acting Field Officer, GME, Region III

Subject: DMEA-2618 (Uranium)
Contract Idm-E452
The Uranium Development Corporation
(Blackfoot Group of Claims)
Montrose County, Colorado
EXPIRATION OF DMEA CONTRACT PAYING ROYALTY

I visited the subject property on November 8, 1962 and found no evidence of any recent mining activity.

The Atomic Energy Commission Office in Grand Junction, Colorado informed me that the property is still in litigation but that an allotment has been made and will be given to the winner of the lawsuit.

I called Ben Wright on the telephone and he informed me that he expects to have the lawsuit settled before January 1, 1963.

The expiration period for paying royalty ends November 24, 1962 and I believe that the property will not be in operation before that date. I recommend that the files be closed on this contract.

Original signed by

Hugh M. Connors

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-8452, Docket DMEA-2618 (uranium) dated November 24, 1952, with

The Uranium Development Corporation
1645 Court Place
Denver, Colorado

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Blackfoot group of claims located in Montrose County, Colorado, during the period May 10, 1960, through December 20, 1961.

A certification of discovery or development was issued on October 21, 1953, and, in accordance with Article 6 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated October 25, 1953, indicated accepted costs under the exploration contract amounting to $21,744.45 with the Government's contribution on a 90 percent basis being $19,570.00.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established the total sales of uranium ore for the period to be $14,547.38. Royalty payable the Government at rates specified in the contract is $726.39.

A prior Report of Royalty Review found the sales subject to Government royalty through May 9, 1960, to be $195,397.10 which added to the sales for this subsequent period make a total of $209,944.48. The royalty account as of May 9, 1960, was:

Total Royalty Payable	$ 9,728.12
Total Royalty Paid	9,769.89
Overpayment of Royalty	$ 41.77

As of December 20, 1961, the royalty account of this project was found to be:

Total Royalty Payable	$10,454.51
Total Royalty Paid	10,497.27
Overpayment of Royalty	$ 42.76

January 3, 1962

E. D. Talbert
E. D. Talbert, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

At the time this exploration project was executed, the Operator held possession of the nine unpatented claims thereunder by virtue of an October 29, 1951, conditional contract of purchase from Leo Fagan and Imogene Fagan, Nucla, Colorado. The claims, in whole or part, however, were in conflict with both Power Site Classification No. 110, effective June 24, 1925, and Public Land Order 698, dated February 12, 1951, by which certain lands were withdrawn from mineral entry and reserved for AEC use. In order to assure sufficient interests in the property for the purposes of the exploration project contract, during June 1955 the Operator obtained a lease, retroactive to October 29, 1951, from the AEC. The exploration work was performed during July and August of 1955.

The files indicate that during October 1957 the lease was cancelled by AEC and location certificates were recorded by the Operator during November and December 1957. Thereafter, because of default under the 1951 purchase contract, the Operator entered into a May 1, 1958, agreement to deliver a deed to Ben L. Wright, Jr., 718 Symes Building, Denver 2, Colorado, "as Trustee for Leo F. Fagan, Imogene Fagan and himself as they may have agreed among themselves". The quit-claim deed, which was dated May 1, 1958, and filed for record on August 19, 1958, did not warrant title to the mining claims. The agreement to convey, but not the deed, states that "this conveyance is made subject to all of the rights of the D.M.E.A."

In the meantime, that is during February and March 1958, the Four Corners Oil & Minerals Co., Uranium Center Building, Grand Junction, Colorado, and Richard V. Ensle, Grand Junction, Colorado, overstaked all or a part of the claims under the exploration project by posting notices of location under the claim names of San Miguel Nos. 1 to 15, inclusive. This conflict has been under litigation since September 1959, when Four Corners and Ensle entered complaint before the Bureau of Land Management. This contest was dismissed approximately a year later. In September 1961, however, the contestants filed complaint in the District Court for Montrose County, Colorado.

This review included a recomputation and tabulation of copies of Vanadium Corporation of America and Climax Uranium Company settlement sheets covering sales of production during the period subsequent to May 9, 1960. The tabulation is filed with my audit workpapers. The last settlement included is Climax Uranium Company's October 6, 1961, liquidation number 4898.

A summary of the tabulation, combined with the findings of the prior Report of Royalty Review, dated May 10, 1960, follows:

	5/10/60 to 12/20/61	11/24/52 to 5/9/60	Totals
Production Sold:			
Short Dry Tons	477.56	5,371.757	5,849.13
Pounds - U_3O_8	2,577.34	30,802.23	33,379.57
V_2O_5	12,205.74	170,373.69	182,579.43
Proceeds:			
U_3O_8 - Base	$ 8,955.88	$104,968.67	$113,924.55
Premiums	519.01	8,156.72	8,675.73
Development	1,288.70	15,401.11	16,689.81
Haulage	-	5,212.40	5,212.40
Bonus	-	9,564.11	9,564.11
V_2O_5	3,783.79	52,871.46	56,655.25
Penalties	-	- 777.37	- 777.37
Total	$14,547.38	$195,397.10	$209,944.48
Royalty:			
Payable	$ 726.39	$ 9,728.12	$ 10,454.51
Paid	727.38	9,769.89	10,497.27
Overpaid	$ .99	$ 41.77	$ 42.76

The overpayments of royalty were made on the following settlements:

Date	No.	SDT	Proceeds Total	Proceeds Per SDT	Royalty Rate	Royalty Payable	Royalty Paid
12/26/56	6994	60.54	$675.97	$11.17	4½%	$30.42	$33.79
4/27/57	4-0-95	133.57	1,096.89	8.21	1½%	16.45	54.85
10/6/61	4898	17.81	198.82	11.16	4½%	8.95	9.94

The first and second of the above listed settlements were made in the name of the Operator. The last was in the name of K.C. Mining Company.

As stated in the prior Report of Royalty Review, the property under the contract became inactive during March 1959 because of the contest before the Bureau of Land Management. After dismissal of the contest, production from the Fairy King and Blackfoot claims was resumed by Clifton H. Carter and/or Kenneth McBride, d/b/a K. C. Mining Company, Box 294, Naturita, Colorado, and Joe Baldwin, Nucla, Colorado, respectively, under leases granted by Ben L. Wright, Jr.,

Trustee, during February and March 1961. Production again was discontinued during September 1961, due to initiation of civil action in the District Court of Montrose County.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) All known production has been accounted for and proper royalty thereon paid, except as set forth above;

(2) The property has been inactive since March 1959, except for production by lessees during the period of March 1961 to September 1961; and

(3) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address
Benjamin L. Wright, Jr. Trustee Assignee
718 Symes Building, Denver 2, Colorado

Uranium Development Corporation Assignor

Contract No.	Docket No.
E452	**DMEA 2618**

Prepared by (Signature) Original signed by **T. M. Romslo** Date **December 20, 1961**

Yes	No	
		1. (a) Does the Operator stockpile ore subject to royalty repayment?
		(b) If so, is segregation and identification procedure adequate?
		2. (a) Does the Operator commingle production subject to DMEA or OME royalties with exempt production?
		(b) If so, is the allocation of the commingled production equitable?
		3. (a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?
		(b) If so, are adequate records maintained on such material to protect the Government's interest?
		4. Are the assay controls in effect adequate?
		5. Does the manner of disposing of production give the Government its fair royalty returns?
		6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?
		7. Does the Operator buy from or sell to other Operators?
		8. Current status of property. (Check one).
		Operating.
	X	Inactive.
		Abandoned.

Sept. 1961 Date of last production if not operating. **Liq. No. 4898**

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:
This property was inactive from March 1959 to March 1961 because of the contest of ownership before the Bureau of Land Management and after September 1961 because of civil action in the District Court of Montrose County. Mr. Wright's secretary, today advised this office that further patenting of claims concerned with the civil action is presently in progress.

84861-60

Building 20 - Federal Center
Denver 25, Colorado

Extra

OFFICIAL FILE COPY
O. M. F.
RECEIVED JAN 29 1962

800

January 25, 1962

The Uranium Development Corporation
1645 Court Place
Denver, Colorado

Re: RMTA-2618 (Uranium)
Contract Idm-E452
The Uranium Development Corporation
(Blackfoot Group of Claims)
Montrose County, Colorado

Gentlemen:

Enclosed is a copy of the Report of Royalty Review on the subject contract dated January 5, 1962 covering the period May 10, 1960, through December 20, 1961.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

Enclosure
cc Benjamin L. Wright, Jr.
718 Symes Building
Denver 2, Colorado

Chief, Division of Field Operations
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E452
Chron

Building 20 - Federal Center
Denver 25, Colorado

January 26, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMKA-2618 (Uranium)
Contract Ida-E452
The Uranium Development Corporation
(Blackfoot Group of Claims)
Montrose County, Colorado

Attached is the original Report of Royalty Review on the subject property dated January 3, 1962 covering the period May 10, 1960, through December 20, 1961.

original signed by

Hugh M. Connors

Attachment
HMC/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E452
Chron

EXTRA COPY
O. M. E
RECEIVED JAN
DATE INITIALS

JAN 17 1962

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-2618 (Uranium)
The Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Idm-F452

The original and three copies of a Report of Royalty Review covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.;
(b) One copy for the Operator;
(c) One copy for Ben L. Wright, Jr.; and
(d) One copy for your files.

As evidence of your concurrence, a copy of your letter transmitting the copy of the report to the Operator should be furnished this Division. If for any reason you do not concur, the original and all copies of the report should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 1-17-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Rothrock

DEC 14 1961

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-2618 (Uranium)
Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Idm-E452

This Division is preparing a Report of Royalty Review on the subject contract. Accordingly, your submission of an original and one copy of MME Form 22, Check Sheet of Examining Engineer, will be appreciated.

It appears that the property under this contract was inactive from March 1959 to March 1961 because of the contest of ownership before the Bureau of Land Management and after September 1961 because of civil action in the District Court for Montrose County. Your confirmation or correction by appropriate statement under item 8 of MME Form 22 will be appreciated.

EDTalbert/ama 12-14-61

cc:
Docket
Director's Reading File
CA & A Division

E-452

For royalty payment of $9.94, dated October 13, 1961, see transmittal letter file.

E-452

For royalty payment of $22.85, dated September 13, 1961, see transmittal letter file.

E-452

For royalty payment of $186.89, dated August 11, 1961, see transmittal letter file.

E-452

For royalty payment of $56.31, dated July 11, 1961, see transmittal letter file.

E-452

For royalty payment of $98.07, dated June 13, 1961, see transmittal letter file.

For royalty payment of $84.52, dated May 26, 1961, see transmittal letter file.

E-452

For royalty payment of $255.50, dated May 12, 1961, see transmittal letter file.

E-452

For royalty payment of $13.30, dated April 25, 1961, see transmittal letter file.

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
MAY 1 1961
REGION III
DENVER COLORADO

April 28, 1961

EXTRA COPY
O. M. E
RECEIVED MAY 4 1961

DATE	INITIALS	CODE
		800

United States Department of Interior
Office of Minerals Exploration
Building 20
Denver Federal Center
Denver 25, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Re: Docket No. DMEA #2618
Contract No. 1Dm E-452
Blackfoot Group

Gentlemen:

Enclosed herewith please find two copies of motions which I have filed in Civil Action #8577 in the District Court, County of Montrose.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj
Encls - 2

Selfridge 2)

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

EXTRA COPY
O. M. E
RECEIVED APR 24 1961
DATE | INITIALS | CODE
800

April 18, 1961

OME
DEPARTMENT OF THE INTERIOR
APR 19 1961
REGION III
DENVER, COLORADO

United States Department of Interior
Office of Minerals Exploration
Building 20
Federal Center
Denver 25, Colorado

In re: Docket No. DMEA-2618
Contract No. Idme 452
Uranium Development Company
Blackfoot Group
Montrose County, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Gentlemen:

Enclosed herewith please find two copies of settlement sheet for ore sent in from the Fairy King, which is covered by the aforementioned loan. Also please find check covering your interest in said property.

Also enclosed please find copy of letter I have this day sent to Vanadium Corporation of America.

We are currently of the opinion that the next check which will cover the period from April 1 through April 15 will show ten loads rather than just one.

Yours very truly,

Ben L. Wright Jr.

Ben L. Wright, Jr.

BLW/bj
Enclosures

EXTRA COPY
O. M. E
RECEIVED APR 24 1961
DATE IN CODE

April 18, 1961

Vanadium Corporation of America
Durango
Colorado

OME
DEPARTMENT OF THE INTERIOR
APR 19 1961
REGION III
DENVER, COLORADO

Re: Blackfoot Group of Claims

Gentlemen:

This will acknowledge receipt of Number No. 35120 for a shipment by K.C. Mining Company, care of Kenneth Mahlzie, from the Fairy King Lode. I would appreciate it if you would deduct from all payments under that lease and the leases hereinafter mentioned the usual sums required to repay Defense Minerals Exploration Administration loans. The sum deducted should be sent to the United States Department of Interior, Office of Minerals Exploration, Building 30, Denver Federal Center, Denver 25, Colorado. The payment to them should indicate that it is for Docket No. DMEA 2618, Contract Ida EA12, Blackfoot Group. If this is not in accordance with your standard practice, I would appreciate it if you would send two extra copies of the settlement sheet, so that I can forward them to the above mentioned office. If you can divide the check, the two settlement sheets should be sent with the check to the OME.

Lee Pagan and Dwayne Pagan do not hold any right in the title to the property. I would therefore appreciate it if you would simply send the check to me without their names added, since it somewhat complicates matters to have the check mailed from them to me.

Other lessees who will probably be making shipments to you, if they have not already done so, are Joe Baldwin, Russel E. Mayfield, F. J. Denton and Keith Reid, and Earl D. Shumway and Floyd R. Black.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj

Selfridge (2)

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED APR 10 1961
DATE | CODE
800

April 7, 1961

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. DMEA 2618 (Uranium)
Contract No. Idm E452
Uranium Development Company
(Blackfoot Group)
Montrose County, Colorado

Enclosed are two copies of a letter from the Operator dated April 4, 1961, two copies of my reply, and one copy of the leases which were submitted by the Operator.

(Original signed by)

Hugh M. Connors

Attachments

Building 20 - Federal Center
Denver 25, Colorado

April 7, 1961

EXTRA COPY
O. M. E
RECEIVED APR 10 1961
DATE

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. DMEA 2618
Contract No. Ida E452
Uranium Development Company
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

Thank you for your letter of April 4, 1961 and the original mine leases which are returned herewith. Copies have been made for our files.

Your letter mentions some of the San Miguel claims were in conflict with your claims. Were the Evening Star, Marjorie Ann, or Mainstreet claims mentioned as being in conflict with your claims?

Please keep us advised regarding this claim boundary conflict.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

Enclosures
HMC/lm
cc Chief, Division of Field Operations, OME
Contract Corres E452
Chron

BENJAMIN L WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
APR 5 1961
ON III
COLORADO

April 4, 1961

EXTRA COPY
O. M. E
RECEIVED APR 10 1961

DATE	INITIAL	CODE

United States Department of Interior
Office of Mineral Exploration
Building 20
Federal Center
Denver 25, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Re: Docket No. 2618
Contract No. IDME 452 -
Blackfoot Group

Gentlemen:

Enclosed herewith please find the original of each of four leases pertaining to the property. I understand from your letter of March 30, 1961 that you will make copies and return the originals to me.

I am very glad that this is possible, since at this particular time of the year there seems to be a certain number of tax returns which much be prepared, etc., which do take a large amount of my secretary's time.

The contest before the Bureau of Land Management indicated that Four Corners claimed that the San Miguels Nos. 1 through 10 and 13 through 15 were in conflict with our claims. A map which I have in my possession indicates that the San Miguels 11 and 12 conflict to some degree with claims which I hold, but which may not have been explored under the Defense Minerals Explorations contract. In addition to the claims held now by Four Corners, there were certain old claims in the area. I may attempt to acquire these older claims so that the block will be absolutely solid.

Yours very truly,

Ben L Wright Jr

800

Building 20 - Federal Center
Denver 25, Colorado

March 27, 1961

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot Group)
Montrose County, Colorado

Enclosed are two copies of a letter from Benjamin L. Wright, Jr. dated March 24, 1961 and two copies of my reply.

A search of the AEC records for 1960 shows no ore was shipped by Ensle, however, Four Corners Uranium shipped ore from the following claims:

Evening Star	2nd and 3rd quarters
Marjorie Ann	3rd and 4th quarters
Mainstreet	3rd and 4th quarters

These claims may or may not be the claims in conflict with the Blackfoot Group.

I consider that we have been very fortunate to date in not having more conflicts in the Plateau Area than the two we now have. Article 2 of the Contract provides that "The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract." On claim boundary disputes how far can I go in forcing the Operator to protect his rights and the Government's rights? This Operator is an attorney and will not shy off from a settlement in court. But if he loses in court, what action would we take against him because he has represented in the contract, or through a Consent to Lien, that he holds legal title to the entire subordinated area.

In the case of David Rowland, Uranium Prospects Company Limited, Contract Idm E792, this Operator and the holder of the adjoining claims

which are in conflict, both refuse to go to court to settle the boundary dispute, claiming that the court costs would be prohibitive, for the amount at stake.

Will you please advise me the DMEA and OME policy regarding claim boundary disputes, especially where ore has been removed, or suspicioned to have been removed, and royalty has not been paid to the Government.

Original signed by

Hugh M. Connors

Attachments

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2 COLORADO
ACCMA 2-2821

OME
DEPARTMENT OF THE INTERIOR
MAR 27 1961
REGION III
DENVER, COLORADO

March 24, 1961

U. S. Department of Interior
Office of Mineral Exploration
Building 20
Federal Center
Denver 25, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region 3

Re: Docket No. 2618
Contract No. IDM-E452
Uranium Development Corporation
Blackfoot Group

Gentlemen:

Since my phone call to you of February 6, 1961, I made a trip to the property. While there I talked to the people on the ground. They were employees of a lessee of Four Corners and Ensle. Since that time, that lessee has surrendered his lease from Ensle and Four Corners and has taken a lease from me. It is currently anticipated that he will make shipments in the relatively near future. Prior to the signing of this lease, another lease was entered into covering a fraction of the Fairy King Lode Mining Claim. I believe that shipments have already made from this lease. In addition, two other leases have been entered into. You will undoubtedly receive some small payment on the loan when checks are sent out for the period ending March 31.

There is a rumor floating around that Four Corners and/or Ensle will attempt to get an injunction against our operating the property. I assume that if they do so, it will be on the assumption that if they hold us up in litigation, we will lose considerable amount of production and therefore will come to some type of settlement with them. In short, I would consider it something of a strike suit.

OME
DEPARTMENT OF THE INTERIOR
MAR 27 1961
REGION III
DENVER, COLORADO

I have had an independent surveyor on the property performing the preliminary, etc. work for taking the properties to patent. I started this on the assumption that patented mining claims would be respected. This assumption may or may not be correct.

I was unable to find out from the AEC what amount of allotment I might expect to receive for these properties. I left with the impression, however, that they planned to give this property a pretty good allotment. At this particular time it seems that shipments can be made without an allotment. I am, therefore, urging all of the lessees to quickly make shipments. It is my feeling that if we show that the property can produce some good tonnages, they will be more lenient with us when the allotments are finally passed out.

The leases which I have made to date contain the language, in part:

> "* * * It is understood and agreed that the repayment of 5% of the total ore sales shall be set aside from said _____% royalty for payment of DMEA loan #2618 to the United States Government until such loan is fully discharged. * * * Any buying station or mill purchasing ore from the demised premises shall be informed of the royalty agreement and instructed to divide the proceeds from sale of ores and send the checks to the parties concerned."

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW/bj

Building 20 - Federal Center
Denver 25, Colorado

March 27, 1961

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

Thank you for your letter of March 24, 1961.

When your surveyor completes the claim map of the Blackfoot group, will you please forward this office two copies of that map. We also require two copies of the lease on the Fairy King Lode Mining Claim and two copies of the lease on the remaining claims.

I like, very much, the provision for the payment of royalty which you stated both leases contained.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME
Contract Corres E452
Chron

EXTRA COPY
O. M. E
RECEIVED MAR 28 1961

DATE	INITIALS	OFFICE
		800

Building 20 - Federal Center
Denver 25, Colorado

March 23, 1961

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

This has further reference to your telephone call of February 6, 1961 regarding the status of the captioned property.

Will you please advise the results of your trip to the property so that we may know that the Government's interest in the property is being protected.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME (2)
Royalty Corres E452
Chron

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DATE | INITIALS | CODE
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Building 20 - Federal Center
Denver 25, Colorado

February 6, 1961

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot group)
Montrose County, Colorado

Mr. Benjamin L. Wright, Jr. telephoned this office today that he has been informed ore is about to be shipped from the disputed ground of the subject Contract.

He stated that he is making a trip to this property accompanied by a surveyor. If he finds that the ore in question is from subordinated ground he will advise this office. It is his hope that if the ore is from subordinated ground that you will request the buyer of the ore to withhold payment pending decision of proper ownership of the ore.

Original signed by

Hugh M. Connors

Building 20 - Federal Center
Denver 25, Colorado

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O. M. E
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September 21, 1960

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot group)
Montrose County, Colorado

Reference is made to the Benjamin L. Wright, Jr. letter to Mr. James Townsend, dated January 15, 1960, a copy of which was attached to the Semiannual Report of Certified Projects for the period ending December 31, 1959.

Mr. Wright, advised this office by telephone September 20, 1960, that ownership of the property may be resolved in favor of his side on the basis of a recent decision made by the Bureau of Land Management. The decision could result in reopening of the mine for production.

Original signed by

Hugh M. Connors

TMR/lm
cc w/orig. to Chief, Division of Field Operations
Semiannual E452
Chron

OME
DEPARTMENT OF THE INTERIOR
JAN 18 1960
REGION III
DENVER, COLORADO

BENJAMIN L. WRIGHT JR
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-7521

EXTRA COPY
O. M. E
RECEIVED SEP 26 1960

DATE	INITIALS	CODE

January 1[illegible], 1960

Mr. James Townsend
c/o Office of Minerals Exploration
Department of Interior
Denver Federal Center
Denver, Colorado

Re: Contract No. IDM-E 452

Dear Mr. Townsend:

I know of no production on the property covered under Contract No. IDM-E 452 since settlement made March 22, 1959, under Liquidation Order No. 9251. This was, to the best of my knowledge, the settlement on the final shipment made under lease to Thermer Labrum.

Several individuals have indicated that they wished to obtain a lease on the property. However, due to the overstaking by Richard V. Ensle and another individual, it has been my opinion that I could not safely lease the property until the question of ownership is fully resolved. Richard V. Ensle and Four Corners Oil and Minerals Company filed a contest before the Bureau of Land Management. I have filed an answer. A copy of the answer has been furnished you. I have also loaned you my copy of the complaint, so that you could reproduce it.

I have been informed that the United States Circuit Court of Appeals for the Northern District of California has under consideration a case which could throw considerable light on the contest which we are engaged in. I had anticipated that a decision in that case in California would have been reached before now. I do anticipate that a decision will be reached in the relatively near future. At that time, negotiations towards a settlement in the contest at hand should go forward.

If negotiations are not satisfactory to me, I will probably proceed with the contest which has been filed in the Bureau of Land Management. I am of the opinion that the factual situation involved in the contest in which I am involved is far stronger for my side than is the factual situation under consideration by the Circuit Court of Appeals. In other words, I feel that the case in which I am involved in before the Bureau of Land Management should be won regardless of the outcome of the California case.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj

W.O. (2)

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Office of Minerals Exploration, Washington, D. C., and the Acting Field Officer, OME Region III, Denver, Colorado, pertaining to Contract No. Idm-B452, Docket No. DMEA-2618 (Uranium), dated November 24, 1952, with

Uranium Development Corporation
620 E & C Building
Denver, Colorado

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as the Blackfoot group of claims located in Montrose County, Colorado, during the period January 5, 1956, through May 9, 1960.

A certification of discovery or development was issued on October 21, 1953, and, in accordance with Article 6 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review in lieu of final audit dated October 23, 1953, indicated accepted costs under the exploration contract amounting to $21,744.45 with the Government's contribution, on a 90 percent basis, being $19,570.00.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established the total sales of uranium ore for the period to be $61,619.86. Royalty due the Government at rates specified in the contract is $3,039.25.

A prior Royalty Audit Report dated January 30, 1956, found the sales subject to Government royalty through January 4, 1956, to be $133,777.24 which added to the sales for this subsequent period make a total of $195,397.10. The royalty account as of January 4, 1956, was:

Total Royalty Due	$6,688.87
Total Royalty Paid	5,100.32
Balance of Royalty Due	$1,588.55

At May 9, 1960, the royalty account of this project was found to be:

Total Royalty Due	$9,728.12
Total Royalty Paid	9,769.89
Overpayment of Royalty	$ 41.77

May 10, 1960

C. E. Fisher, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

There has not been any mining on this property since March 1959 because of a contest before the Bureau of Land Management respecting ownership of the claims involved.

My review included a tabulation and recomputation of liquidation sheets covering sale of ore on file in the office of the Acting Field Officer, OME Region III, and verification with deposits made of royalty receipts. This tabulation is filed with my audit workpapers. The last royalty included in the tabulation covered a sale by Thermer R. Labrum, lessee, covered by Union Carbide Nuclear Co., liquidation No. 9251, dated March 22, 1959.

A summary of production, sales, and royalty received, together with a list of overpayments is shown on Schedule "A".

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) Review of inspection reports submitted by representatives of the Field Team, Region III, and other correspondence and documents in the files indicates that all production has been reported and proper royalty (except for the overpayments aggregating $41.77) has been paid to the Government; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

Schedule "A"

Idm-E452 | Uranium Development Corporation | DMEA-2618

Summary of Production and Sales

Production sold

Short wet tons	5631.587
Short dry tons	5371.757
U_3O_8 - Pounds	30802.23
" - Pounds in excess of 4/SDT	10509.11
" - " " " " 10/SDT	1698.57
V_2O_5	170373.69

Proceeds from sale

U_3O_8 - Base payment	$104,968.67
" - Premium excess 4#/SDT	7,732.08
" - " " 10#/SDT	424.64
Development allowance	15,401.11
Haulage allowance	5,212.40
V_2O_5	52,871.46
Lime penalty	(777.37)
Total Receiving Stations	$185,832.99
AEC Bonus payments	9,564.11
Total proceeds	$195,397.10
Royalty due	$ 9,728.12
Royalty paid	9,769.89
Overpayment of royalty	$ 41.77*

* Comprised of the following:

			Proceeds		Royalty paid		Royalty due	
Liq.No.	Date	SDT	Amount	Per SDT	Rate	Amount	Rate	Amount
6994	12/27/56	60.54	$ 675.97	$11.17	5%	$33.79	4½%	$30.42
4-0-95	4/27/57	133.57	1,096.89	8.21	5%	54.85	1½%	16.45
		Total royalty				$88.64		$46.87
		Overpayment						41.77
								$88.64

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Uranium Development Corporation

Address 620 E & C Building

Denver, Colorado

Exploration Contract No. Idm-E452 Docket No. DMEA-2618

			Check One Yes	Check One No
1.	(a)	Does the Operator stockpile ore subject to royalty repayment?		X
	(b)	If so, is segregation and identification procedure adequate?		
2.	(a)	Does Operator commingle production subject to DMEA or OME royalties with exempt production?		X
	(b)	If so, do you consider the allocation of the commingled production equitable?		
3.	(a)	Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?		X
	(b)	If so, are adequate records maintained on such material to protect the Government's interest?		
4.		Do you consider the assay controls in effect are adequate?	X	
5.		Do you consider that the manner of disposing of production gives the Government its fair royalty returns?		
6.		Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?	X	
7.		Does the Operator buy from or sell to other Operators?		X
8.		Comment on any item 2 (b) to 6 if answer is No.		

There has not been any production from this property since March, 1959, due to contest before the Bureau of Land Management involving allegations of interest in the various claims by other parties.

Original signed by

May 10, 1960
Date

Hugh M. Connors
~~Mining Engineer~~
Actg. Field Officer, OME, Region III

EXTRA COPY O. M. E RECEIVED JUN 3 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

May 31, 1960

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D.C.

From: Hugh M. Connors, Acting Field Officer, GEM, Region III

Subject: Docket No. DMMA 2618 (Uranium)
Contract No. I4m-1452
Uranium Development Corporation
(Blackfoot group of claims)
Montrose County, Colorado

Attached is the original of the Report of Royalty Review on the subject contract covering the period January 5, 1956, through May 9, 1960.

Original signed by

Hugh M. Connors

Enclosure
HMC/lm
cc: Chief, Division of Field Operations (2)
Royalty Corres. E 360
Chron

EXTRA COPY O. M. E. RECEIVED JUN 3 1960		
DATE	INITIALS	CODE
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Building 20 - Federal Center
Denver 25, Colorado

May 31, 1960

Mr. Ben L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 18, Colorado

Re: Docket No. UMEA 2618 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
(Blackfoot group of claims)
Montrose County, Colorado

Dear Mr. Wright:

Enclosed is your copy of the Report of Royalty Review covering the period January 5, 1956, through May 9, 1960.

Very truly yours,

Original signed by

Hugh M. Cammors
Acting Field Officer
OME, Region III

Enclosure

HMC/lm
cc: Chief, Division of Field Operations (2)
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E 452
Chron

E-452

For Certificate of Deposit No. 74, dated January 28, 1960, giving royalty payment of ~~$4.52~~ $4.52, see E-345.

EXTRA COPY O. M. E RECEIVED JAN 25 1960		
DATE	INITIALS	CODE
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Building 20 - Federal Center
Denver 25, Colorado
January 21, 1960

Mr. Ben L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 18, Colorado

Re: Docket No. DMEA 2618 (Uranium)
Contract No. Km-E452
Uranium Development Corporation
(Blackfoot group of claims)
Montrose County, Colorado

Dear Mr. Wright:

Thank you for your letter of January 15, 1960. We appreciate the manner in which you have kept us informed on the status of your mining claims.

It has been noted that there is a balance due the Government of $4.52 on the last 7 shipments of ore from the Blackfoot group. The tabulation of the last 7 shipments is as follows:

Liq. No.	Net Value	Dry Tons	Value Per Ton	Royalty Rate	Royalty Due	Royalty Paid
8914	$1,985.48	65.155	$30.44	5.0%	$99.17	$98.17
8965	1,399.35	58.968	23.73	5.0%	69.97	69.06
9035	198.88	8.600	23.13	5.0%	9.94	9.81
9109	522.31	18.311	28.52	5.0%	26.12	25.83
9141	1,263.11	59.059	21.39	5.0%	63.16	62.24
9202	376.93	25.517	14.77	5.0%	18.85	18.45
9251	1,827.70	55.491	32.94	5.0%	91.39	90.52
			Total		$378.60	$374.08
					374.08	
			Balance due Government		$ 4.52	

Will you please forward us your check for $4.52 to bring this account into balance.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

HMC:ltm

cc: Chmn. Op. Comm. (2)
Roy. Corres. E452
Chron.

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DATE | INITIALS | CODE

OME
DEPARTMENT OF THE INTERIOR
APR 20 1959
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

April 17, 1959

Memorandum

To: Executive Officer, OME Field Team, Region III

From: H. F. Robertson

Subject: Docket DMEA 2618 (Uranium), Contract Idm-E ~~425~~ 452, (Uranium Development Corporation, Assignor) Ben L. Wright, Jr., Trustee, Assignee (Blackfoot Group of claims), Montrose County, Colorado

In accordance with your instructions of April 8, 1959, the matter of production from the subject claims has been investigated.

In brief review, the U. S. Atomic Energy Commission production records indicated that, during the period July 1 - December 31, 1958, 428.3 tons of ore had been produced from the Blackfoot Group by the Uradox Mining Company. Royalty and settlement sheets for only 65.155 tons had been received by the OME. From this, it appeared that unreported shipments were being made from subordinated property and a thorough investigation was commenced. Pertinent records of the AEC and the Union Carbide Nuclear Company (purchaser of the ore) were examined. Mr. Ben L. Wright (controller of Uranium Development Corporation interests), Uradox Mining Company (producer of the ore in question), and Mr. Thermer Labrum (lessee-operator of the subordinated Blackfoot Group) were contacted, either by mail or in person. Various personnel of the Ore Purchasing Department and Mining Division of U.C.N., both in Grand Jct., and Uravan, Colo., were also consulted for any pertinent information available. As a final check, an OME representative inspected both of the properties concerned in the matter.

The following facts were established by the investigation:

1. The AEC records show the production of 428.31 tons of ore from the Rattlesnake-B claim (Blackfoot Group, T. 47 N., R. 17 W.) by the Uradox Mining Company during the period July 1 - December 31, 1958.

2. Mr. Ben L. Wright, Assignee, is not familiar with the actual field locations and mining operations of the Blackfoot Group, therefore, must rely on information from others.

EXTRA COPY O. M. E. RECEIVED APR 27 1959		
DATE	INITIALS	CODE
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224 New Customhouse
Denver 2, Colorado

April 22, 1959

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Docket DMRA 2618 (Uranium) Contract Idm-E452, (Uranium Development Corporation, Assignor) Ben L. Wright, Jr., Trustee, Assignee (Blackfoot Group of claims) Montrose County, Colorado

The attached memorandum from H. F. Robertson dated April 17, 1959, has further reference to our memorandum to you dated April 8, 1959, regarding the production of ore from the Rattlesnake claim.

We have also been advised that the AEC records do show the section, range and township of producing claims; but in this instance, they had erroneously shown the 428.3 tons of ore as originating from the Rattlesnake claim of the Blackfoot group.

Original signed by
J. W. TOWNSEND

J. W. Townsend

Attachments

HMC:jy

cc: Robertson
Roy. Corres. E452
Chron.

EXTRA COPY
O. M. E.
RECEIVED APR 27 1959

DATE	INITIALS	CODE

OME
DEPARTMENT OF THE INTERIOR
APR 20 1959
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

April 17, 1959

Memorandum

To: Executive Officer, OME Field Team, Region III

From: H. F. Robertson

Subject: Docket DMEA 2618 (Uranium), Contract Idm-E ~~425~~ 452, (Uranium Development Corporation, Assignor) Ben L. Wright, Jr., Trustee, Assignee (Blackfoot Group of claims), Montrose County, Colorado

In accordance with your instructions of April 8, 1959, the matter of production from the subject claims has been investigated.

In brief review, the U. S. Atomic Energy Commission production records indicated that, during the period July 1 - December 31, 1958, 428.3 tons of ore had been produced from the Blackfoot Group by the Uradox Mining Company. Royalty and settlement sheets for only 65.155 tons had been received by the OME. From this, it appeared that unreported shipments were being made from subordinated property and a thorough investigation was commenced. Pertinent records of the AEC and the Union Carbide Nuclear Company (purchaser of the ore) were examined. Mr. Ben L. Wright (controller of Uranium Development Corporation interests), Uradox Mining Company (producer of the ore in question), and Mr. Thermer Lebrun (lessee-operator of the subordinated Blackfoot Group) were contacted, either by mail or in person. Various personnel of the Ore Purchasing Department and Mining Division of U.C.N., both in Grand Jct., and Uravan, Colo., were also consulted for any pertinent information available. As a final check, an OME representative inspected both of the properties concerned in the matter.

The following facts were established by the investigation:

1. The AEC records show the production of 428.31 tons of ore from the Rattlesnake-B claim (Blackfoot Group, T. 47 N., R. 17 W.) by the Uradox Mining Company during the period July 1 - December 31, 1958.

2. Mr. Ben L. Wright, Assignee, is not familiar with the actual field locations and mining operations of the Blackfoot Group, therefore, must rely on information from others.

3. The Uradox Mining Company is operating a mine named "Rattlesnake" and located in Sec. 24, T. 47 N., R. 18 W., about 5 miles southwest of the Rattlesnake claim of the Blackfoot Group. This mine was inspected by the OME engineer and is the source of the 428.3 tons of ore erroneously credited to the subordinated Blackfoot Group.

4. Mr. Thermer R. Labrum was operating the subordinated property during the period, July 1 - Dec. 31, 1958, and reported production of 65.155 tons of ore therefrom. OME royalty on the shipment was paid (Liquidation No. 8914, Union Carbide Nuclear Company). Inspection of this mine by the OME engineer verifies the claim that no other shipments were made from the property during the period by Labrum or any other party.

5. Conferences with U.C.N. Mining Division personnel in Uravan and inspection of pertinent records of settlement on production from both of the properties concerned, clarified the sources of the shipments in question.

In conclusion, all of the evidence assembled indicates that the 65 tons of ore reported for the period by Labrum is the only production from the property subordinated by the terms of Contract Ism-E 452. The 428.3 tons (see memo dated March 5, 1959, from HFR to HMC) produced by the Uradox Mining Company during the period, July 1 - Dec. 31, 1958, is from a different "Rattlesnake" claim and is not subject to payment of royalty to the OME. The records of the AEC erroneously show this ore as having been mined from the "Rattlesnake" claim of the Blackfoot Group, thus resulting in the confused situation as to whether or not all production from the subordinated property had been reported to the OME.

H. F. Robertson

H. F. Robertson
Mining Engineer

E-452

For Certificate of Deposit No. 136, dated April 15, 1959, giving royalty payment of $90.52, see E-221.

For Certificate of Deposit No. 129, dated March 31, 1959, giving royalty payment of $18.45, see E-360.

For Certificate of Deposit No. 123, dated March 16, 1959, giving royalty payment of $62.24, see E-445.

TRIPLICATE Treasury Department Circular No. 945 - Rev., Supp. 1 (Third Amendment). Promulgated Sept. 11, 1957 by Treasury Department, Fiscal Service.

CERTIFICATE OF DEPOSIT
Standard Form 219

3/6/59 (Date sent)

118 (Deposit No.)

Identification of Accountable Officer Affected

(1) Office Deposit Symbol: 9013

(2) For Consolidated Abstract of Treasury Regional Office at (city and state): Denver, Colo.

Deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

(3) The Sum of $ 110.87

(4) Classification of Deposit

Account Symbol	Amount	Account Symbol	Amount
14X4401	$110.87		$ E-4-52

(6) Department or Agency and address whose accounts are credited, IF OTHER THAN depositing agency.

(5)
14-23-040
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colo.

Depositor's title, Department or Agency and address. If deposit is made for another accounting entity, identify in (6).

(7) SPACE BELOW TO BE USED BY DEPOSITARY ONLY. I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

MAR - 6 1959
(Date of credit in Treasurer's account)

Depositary will date, sign and forward to depositor for his retained copy.

E-1095 Modern
Mines 85.04
E-452 Uranium
Development 25.83
110.87

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1959 MAR 6 AM 11 57

TRIPLICATE
Rev., Supp. 1 (Third Amendment). Promulgated Sept. 11, 1957
by Treasury Department, Fiscal Service.

Treasury Department Circular No. 945 -

CERTIFICATE OF DEPOSIT
Standard Form 219

Identification of Accountable Officer Affected	
(1) Office Deposit Symbol: 9013	(2) For Consolidated Abstract of Treasury Regional Office at (city and state): Denver, Colo.

2-20-59 (Date sent)

14-23-040-11[illegible] (Deposit No.)

Deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

(3) The Sum of $

(4) Classification of Deposit

Account Symbol	Amount	Account Symbol	Amount
14X4401	$ 243.26		$ E-4-E2

(6) Department or Agency and address whose accounts are credited, IF OTHER THAN depositing agency.

(5)
14-23-040
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colo.

Depositor's title, Department or Agency and address. If deposit is made for another accounting entity, identify in (6).

(7) SPACE BELOW TO BE USED BY DEPOSITARY ONLY. I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

FEB 20 1959
(Date of credit in Treasurer's account)

Depositary will date, sign and forward to depositor for his retained copy.

O. M. E.

RECEIVED FEB 24 1959

DATE	[illegible]	CODE
2/24	H.J.	225
		800

E-11241 Jenkins
Final Rept-
E-1030 Engineering
Review-
E-1074 Nuclear Physics
E-[illegible] Uranium
Development Rept-

13481
18.17
80.47
9.81
2483.26

1959 FEB 20 PM

TRIPLICATE
Rev., Supp. 1 (Third Amendment). Promulgated Sept. 11, 1957
by Treasury Department, Fiscal Service.
Treasury Department Circular No. 945 -

CERTIFICATE OF DEPOSIT
Standard Form 219

1/20/59
(Date sent)

98
(Deposit No.)

Identification of Accountable Officer Affected

(1) Office Deposit Symbol: 9013

(2) For Consolidated Abstract of Treasury Regional Office at (city and state): Denver, Colo.

Deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

(3) The Sum of $ 446.94

(4) Classification of Deposit

Account Symbol	Amount	Account Symbol	Amount
14X4401	$ 446.94	E-452	$

(6) Department or Agency and address whose accounts are credited, IF OTHER THAN depositing agency.

(5)
14-23-040
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colo.

Depositor's title, Department or Agency and address. If deposit is made for another accounting entity, identify in (6).

(7) SPACE BELOW TO BE USED BY DEPOSITARY ONLY. I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

(Date of credit in Treasurer's account)

Depositary will date, sign and forward to depositor for his retained copy.

E-1074	$275.14
E-1030	73.63
E-452	98.17

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O. M. E.
RECEIVED FEB 5 1959

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TRIPLICATE Treasury Department Circular No. 945 - Rev., Supp. 1 (Third Amendment). Promulgated Sept. 11, 1957 by Treasury Department, Fiscal Service.

CERTIFICATE OF DEPOSIT
Standard Form 219

1/30/59 (Date sent)

104 (Deposit No.)

Identification of Accountable Officer Affected

(1) Office Deposit Symbol: 9013

(2) For Consolidated Abstract of Treasury Regional Office at (city and state): Denver, Colo.

Deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo. (Name and location of depositary)

(3) The Sum of $ 97.62

(4) Classification of Deposit

Account Symbol	Amount	Account Symbol	Amount
14X4401	$ 97.62		$

(6) Department or Agency and address whose accounts are credited, IF OTHER THAN depositing agency.

E-452

(5)

14-23-040
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colo.

Depositor's title, Department or Agency and address. If deposit is made for another accounting entity, identify in (6).

(7) SPACE BELOW TO BE USED BY DEPOSITARY ONLY. I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

JAN 30 1959

(Date of credit in Treasurer's account)

Depositary will date, sign and forward to depositor for his retained copy.

E-4 Uranium Development $69.06

E-1030 Grapevine Mines 28.56

$97.62

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 2 1959

DATE	INITIALS	CODE
2/2	J. G.	225
		800

1959 JAN 30 PM 12 30

E-452

For Certificate of Deposit No. 11, dated July 18, 1958, giving royalty payment of $20.80, see E-422.

For Certificate of Deposit No. 110, dated March 25, 1958, giving royalty payment of $27.86, see E-370.

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-040- 104

For credit of 9013 Treasury Regional Office, Denver, Colo. 3/11/58
(Name, title, and disbursing other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

$ 2,837.07

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-4 5	2,837.07

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

MAR 11 1958

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

March 11, 1958
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

DENVER
FEDERAL

1958 MAR 11 PM 12 07

MAIL DEPT.

E-1124	Leadville Lead	$361.26
E-703	Neptune Uran.	12.55
E-452	Uran. Dev.	12.08
E-939	Vanadium Corp.	2,451.18
		2,837.07

DENVER FEDERAL
MAR 12 1958
CODE
3/17 H.S. 225
800

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

For credit of 9013 Treasury National Office, Denver, Colo. 2/10/58
(Name, title, and disbursing [illegible]her identification symbol of accountable officer) [illegible] Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

for accounts listed below. SCHEDULE Nos.

DEPOSIT NO.
14-23-040-91

$ 1,427.79

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-452	1,427.79

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

Bonnell
(Authorized signature)

February 10, 1958
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

OFFICE FILE COPY
DMEA
RECEIVED FEB 13 1958
DATE | INITIALS | CODE
2/13/ | | 225
800

E-452	Uran. Development	132.71
E-703	Neptune Uranium	59.20
E-791	Four Corners	227.23
E-939	Vanadium Corporation	944.32
E-875	McFarland & Hullenger	64.33
		1,427.79

1958 FEB 10 PM 12 20

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

For credit of 9013 Treasury Regional Office, Denver, Colo. 1/7/58
(Name, title, and disbursing [illegible] other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

DEPOSIT NO. 14-23-040-76

$ 572.10

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-45	572.10

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

L Jones
(Authorized signature)

January 7, 1958
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

DENVER
FEDERAL

1958 JAN 7 PM 12 39

MAIL DEPT.

E-49[illegible]	Uran. Development	157.54
E-875	McFarland Hullinger	414.56
		572.10

RECEIVED
JAN 7 1958
DATE

Ill. 2/3/58

2325
800

TRIPLICATE

STANDARD FORM 2011 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949, by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

For credit of 9013 Treasury Regional Office, Denver, Colo. 6/58
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

DEPOSIT NO. 14-23-040-75

$ 205.16

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-452	205.16

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado.

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

Bonnett
(Authorized signature)

January 6, 1958
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 9 1958

DATE	INITIAL	REMARKS
1/9/58	H.H.	225
		800

4.62
200.54
205.16

R-152 Urban. Dev. Co.
R-875 Maberiana Bullinger

1958 JAN 6 PM 12 51
MAIL DEPT.

For Certificate of Deposit No. 69, dated December 12, 1957, giving royalty payment of $112.98, see E-440.

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Denver, Colo.

DEPOSIT NO. 14-23-040-8764

For credit of 9013 Treasury Regional Office, Denver, Colo. 12/29/57
(Name, title, and disbursing other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

$ 121.96

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		121.96

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

NOV 29 1957
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

E-452 Uranium Development $100.84
E-988 Twentieth Century Fuels 21.12

1957 NOV 29 PM 12 40
MAIL DEPT.

RECEIVED DEC 2 1957

DATE	INITIALS	CODE
12/2/	H.	225
		900

Denver, Colo.

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-040-83 60

For credit of 9013 Treasury Regional Office, Denver, Colo. 11/21/57
(Name, title, and disbursing officer identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 275.26

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		275.26

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

11/21/57
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

✓E-509	Lisbon Valley Uran.	97.87
✓E-[illegible]	Uran Dev.	177.39
		275.26

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 25 1957

DATE	INITIALS	
11/25	H.H.	225
		800

EXTRA COPY
DMEA
RECEIVED NOV 21 1957
DATE 11/25 | INITIALS E.E.F. | CODE 800

224 New Customhouse
Denver 2, Colorado

November 18, 1957

CERTIFIED MAIL

Mr. Richard S. Hunt
Uranium Development Corporation
Mile High Center
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Claims), Montrose County, Colorado

Dear Mr. Hunt:

By certified letters received at your office September 13 and October 14, we requested that you supply us with copies of certain documents and settlement sheets with royalties for approximately 225 tons of past production.

We wish to cooperate with you; however, your lack of response leaves us with no alternative but to inform you that unless the requested documents , settlement sheets and royalties are not received in this office within 30 days from the date of this letter, the matter will be referred to the Washington Office, DMEA for whatever action is indicated.

Very truly yours,

Signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

MHM/vj

cc: Royalty File E452
Sec. Opr. Comm. (2)
DMEA/G.Jct.
Marshall
Chron.

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Denver, Colorado

DEPOSIT NO. 14-23-040-13

For credit of 9013 Treasury Regional Office Denver, Colo. 8/2/57
(Name, title, and disbursing [illegible] other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 147.13

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		147.13

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

[illegible]
(Authorized signature)

8/2/57
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

1957 AUG 2 11 48

E-509 Lisbon Valley	124.20
E-452 Uran Development	22.93
	147.13

For Certificate of Deposit No. 8, dated July 18, 1957, giving royalty payment of $27.80, see E-340.

For Certificate of Deposit No. 174, dated June 28, 1957, giving royalty payment of $26.96, see E-317.

Denver, Colo.

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-040-167

For credit of 9013 Treasury Regional Office, Denver, Colo. 6/13/57
(Name, title, and disbursing officer identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 2,778.91

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-452	2,778.91

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

Bennett
(Authorized signature)

6/13/57
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

E-452	Uran Dev.	16.43
E-660	Florida Manganese	2,039.78
E-522	Coronado Copper Zinc Company	722.70
		2,778.91

1957 JUN 13 PM 12 34

For Certificate of Deposit No. 155, dated May 14, 1957, giving royalty payment of $38.08, see E-440.

Denver, Colo.

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-040-151

For credit of 9013 Treasury Regional Office, Denver, Colo. 5/2/57
(Name, title, and disbursing [illegible]er identification symbol of accountable officer) [illegible] (Date sent)

deposited with Federal Reserve Bank of KansasCity, Mo. Denver, Colo.
(Name and location of depositary)

$ 183.24

for accounts listed below. SCHEDULE Nos.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-482	183.24

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

B. Giacomozzi
(Authorized signature)

5/2/57
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949, by Treasury Dept., Fiscal Service

E-452	Uran Dev.	20.88
E-[illegible]	Lisbon Valley	144.98
E-703	Neptune Uran	17.38
		183.24

1957 MAR 2 PM 11 47

Denver, Colo.

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-040-143

For credit of 9013 Treasury Regional Office, Denver, Colo. 4/15/57
(Name, title, and disbursing other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 4,373.38

for accounts listed below. SCHEDULE Nos.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		4,373.38

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

4/15/57
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

[redacted],

E-812	Hamilton Harris,etc.	2,977.02
E-791	Four Corners	691.46
E-452	Uran Dev.	46.92
E-597	Camoose	405.98
E-649	Camoose	252.00
		4,373.38

1957 APR 15 AM 11 47

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Denver, Colorado

DEPOSIT NO. 14-23-040-136

For credit of 9013 Treasury I[redacted]ional Office, Denver, Colo. [redacted]3/57
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo., Denver, Colo.
(Name and location of depositary)

$ 282.42

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		282.42

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

APR 3 - 1957
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

PR 3 AM 11 51

E-452 Uran Dev.	40.50
E-791 Four Corners	241.92
	282.42

For Certificate of Deposit No. 124, dated March 12, 1957, giving royalty payment of $56.79, see E-440.

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. ~~14-23-000-118~~

For credit of 413 Treasury Regional Office, Denver, Colo. 3/1/57
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 607.31

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		607.31

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

Bonnett
(Authorized signature)

3/1/57
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

✓E-875	McFarland	446.00
✓E-879	Uran King	16.86
✓E-452	Uran Development	144.45
		607.31

1957 MAR 1 PM 12 38
MAIL DEPT.

For Certificate of Deposit No. 108, dated February 13, 1957, giving royalty payment of $188.04, see E-395.

Denver, Colo.

THIS DEPOSIT IS NOT SUBJECT TO CHECK

413 Treasury Regional Office, Denver, Colo. 1/31/57

For credit of _____ _____
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

DEPOSIT NO. 14-23-040-103

$ 218.36

for accounts listed below. SCHEDULE NOS. _____

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X1401	E-4-54	218.36

(Depositor will insert below his name, title, Department or Agency concerned, and his address) -

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

1/31/57 L Jones
(Authorized signature)

_____
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

E.

-452 Uranium Development 177.98

E-70 eptune Uranium Corp. 40.38

218.36

1951 JAN 31 AM 11 49

For Certificate of Deposit No. 92, dated January 10, 1957, giving royalty payment of $98.63, see E-395.

For Certificate of Deposit No. 88, dated January 2, 1957, giving royalty payment of $120.97, see E-53.

For Certificate of Deposit No. 80, dated December 11, 1956, giving royalty payment of $148.89, see E-53.

Denver, Colo.

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-040-76

For credit of 413 Treasury Regional Office, Denver, Colo. 12/3/56
(Name, title, and disbursing order identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 159.63

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		159.63

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

L Jones
(Authorized signature)

12/3/56
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

DENVER
FEDERAL

1956 DEC 3 PM 12 13

MAIL DEPT.

E-452 Uranium Development Corp.
159.63

RECEIVED
DEC 5 1956
D.M.E.A.

For Certificate of Deposit No. 65, dated November 14, 1956, giving royalty payment of $103.32, see E-36.

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

For credit of 413 Treasury Regional Office, Denver, Colo. 10/31/56
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

DEPOSIT NO. 14-23-040-60

$ 88.88

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-4154	88.88

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

10/31/56 (Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

E-452 Uranium Development 88.88

1956 OCT 31

E-452

For Certificate of Deposit No. 5~~3~~7, dated October ~~16~~23, 1956, giving royalty payment of $113.47, see E-53.

Denver, Colo.

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-010-44

For credit of 413 Treasury Regional Office, Denver, Colo. 10/1/56
(Name, title, and disbursing [illegible]er identification symbol of accountable officer) (Date sent)

deposited with Federal Reserve Bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 331.36

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	E-4-4, 2	331.36

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

L Jones
(Authorized signature)

10/1/56 OCT 1 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

OCT 1 AM 11 42

E-703	Neptune	12.83
E-452	Uran Development	118.84
E-791	Four Corners	199.69
		331.36

For Certificate of Deposit No. 107, dated March 26, 1956, giving royalty repayment of $85.17, see E-100.

For Certificate of Deposit No. 99, dated March 7, 1956, giving royalty repayment of $1,588.55, see E-53.

b

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

RECEIVED
FEB - 2 1956

FIRST ROYALTY AUDIT CERTIFICATE

I have examined the records and sales documents pertaining to the sale of Uranium and Vanadium Ores for the period November 24, 1952 through January 4, 1956, by the

Uranium Development Corporation
620 E. & C. Building
Denver, Colorado

produced from a project commonly known as the Blackfoot Claims located in Montrose County, Colorado, under the terms of Contract Idm-E452, Docket No. DMEA-2618.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit established the total net sales of Uranium and Vanadium for the period to be $133,777.24. Royalty due the United States Government at the contract rate of 5% is $6,688.87.

The royalty paid and balance due are as follows:

Total Royalties Due	$6,688.87
Total Royalties Received	5,100.32
Balance of Royalties Due	$1,588.55

January 30, 1956

Donald T. Finch

Donald T. Finch, Auditor

FIRST ROYALTY AUDIT REPORT

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I - INTRODUCTION

On January 16, to 24, 1956, an audit of royalty due and received, covering the period November 24, 1952 through January 4, 1956, was made of the production records and ore sales accounts pertaining to Contract Idm-E452, Docket No. DMEA-2618, with the

Uranium Development Corporation
620 E. & C. Building
Denver, Colorado

covering a project of exploration for Uranium located in Montrose County, Colorado, and commonly known as the Blackfoot Group of Claims.

The general books of the corporation were located, at the time of the audit, at Room 620, E. & C. Building, Denver, Colorado.

During the course of the audit conferences were held with Mr. Claude W. Blake, Secretary, Director and Attorney for the corporation. Mr. Blake's cooperation is gratefully acknowledged.

II GENERAL INFORMATION

The Exploration Contract dated November 24, 1952 authorized a total cost of $21,744.45 with Governmental participation at 90%, or $19,570.00. A Report of Review by Mr. T. H. Brading, DMEA Auditor, dated October 23, 1953 shows total accepted costs and participation by the Government were equal to the total contract authorization.

A Certificate of Discovery was issued by DMEA on October 21, 1953. The property involved is described in the Exploration Contract and consists of the following claims:

Gray Fox, Rattlesnake, Big Basin No. 1,
Big Basin No. 2, Fairy King, Red Fox,
Rim Rock Queen, Blackfoot and Good Hope

Subsequent to a routine field check of this project, Mr. M. H. Salsbury, Mining Engineer, U.S.B.M., addressed a memorandum to the auditor which indicated the Uranium Development Corporation had made some sales of uranium ores which might be subject to DMEA royalties but which had not been reported to the DMEA. Such indications were based on incomplete records of the Geological Survey at its field office in Uravan, Colorado.

Considerable pre-audit analysis of royalties received, as shown by the records of Executive Officer, DMEA Field Team, Region III, was performed on July 8 to 11, 1955. Contact at that time with Mr. Blake, Attorney for the corporation, disclosed that control of the corporation had recently changed hands and that a new Board of Directors and Officers were to be elected July 15, 1955. In view of this situation, the commencement of the on-site audit was deferred until July 28, 1955.

Preliminary examination of the corporation's records on July 28, 1955 indicated the corporation had not made a report or paid royalties on production from the Blackfoot, Red Fox and Gray Fox Claims, all of which were listed in the Exploration Contract. The company was advised by the Executive Officer of the DMEA Field Team in a letter dated July 28, 1955, that under the provisions of Article 6 of the Exploration Contract royalties were due on the production from the foregoing claims and requested payment.

The company addressed an appeal from this request on August 25, 1955. The appeal was referred to the Operating Committee and on December 9, 1955 the Administrator of DMEA notified the Corporation its appeal had been considered with negative results and that it was the opinion of the Administrator the Corporation was liable for the royalties as previously requested. The attorney for the Corporation advised the Administrator on December 20, 1955 that copies of settlement sheets for all shipments of ore from the claims listed in the Exploration Contract made subsequent to November 24, 1952, which had not been previously reported, would be furnished the DMEA office at Denver.

The on-site audit of the company's records was resumed on January 16, 1956. The general books and records of production for the period November 24, 1952 through July 7, 1955 are at present at Mr. Blake's office. It is understood that memorandum records for the period subsequent to the change in corporate ownership have been kept by an accountant engaged by Mr. Louis Avant, Treasurer for the Corporation, whose address is in care of San Michael's College Foundation, Route 1, Santa Fe, New Mexico.

Production and royalty data reflected in this audit report for the later period from July 7, 1955 through January 4, 1956 are based on examination of copies of liquidation settlement sheets submitted by ore purchasers directly to the Executive Officer, DMEA Field Team, Region III.

The books and records of production as maintained by the Corporation for the period November 24, 1952 through July 7, 1955 are a record of cash receipts and disbursements. Side records of production which appear to be very complete would have been materially improved had production entries been identified by purchasers' liquidation numbers. The complexity of the problem was further enhanced by the fact that production was accomplished by various lease agreements. In some instances production was sold under the Corporation's A.E.C. license number, and in other instances it was sold under various lessees' A.E.C. license numbers.

It is understood that at the present time all production is being sold under the Corporation's license number, and all purchasers have been instructed to furnish copies of liquidation settlements accompanied with DMEA royalty payments directly to the DMEA Field Team, Region III. During the course of the audit seven additional liquidation settlement sheets which had not previously been reported to the DMEA were discovered. Mr. Blake granted the auditor permission to have photo copies made of these items for the files of the DMEA. The Corporation's copies of these sheets were returned to Mr. Blake by the Auditor during the conference at the conclusion of the audit.

III SCOPE OF AUDIT AND FINDINGS

The audit was limited to determining the accuracy and propriety of royalty payments, received by the Finance Officer, which were applicable to production and sales of ores during the period November 24, 1952 through January 4, 1956, and a determination that all indicated sales of ores subject to DMEA royalty under the Exploration Contract and Amendments, for which settlement sheets have been released, have been properly accounted for.

The extent of the audit and the findings follow: -

A. Conference with the Examining Engineer, U.S.B.M.

At the present time the examining engineer for this project is stationed at Grand Junction, Colorado. The Auditor, therefore, reviewed the matter in detail with the Executive Officer of the DMEA Field Team, Region III. During this conference it was pointed out that production determined by the audit was substantially reconciled with the production shown by the Grand Junction Field Office of the Atomic Energy Commission.

In view of this reconciliation and also the complexity of the situation, as previously outlined, both the Executive Officer and the Auditor are of the opinion that securing at this time an "Engineer's Check Sheet" from the examining engineer would be of doubtful value. The securing of such check sheet has, therefore, been deferred until the next royalty audit of this project.

B. Audit of Settlement Statements

During the audit itemized statements of production, sales and royalties were prepared from copies of "Ore Settlement Sheets" received by the Executive Officer, DMEA Field Team, Region III. Separate statements were prepared for each claim by purchaser. A condensed summary of this statement is made a part of this report as Schedule I. The itemized detail of these statements are filed as part of the audit working papers.

Discussion of the data in the condensed summary and the degree of confirmation follows:

Gross Weight in Pounds - 6,199,444 lbs.

Gross weight in pounds represents the total weight shown on the ore settlement sheets. This item is a total of individual lots. Where detail lots were shown on settlement sheets or on supporting load detail sheets, such total weights were recomputed. In many instances, however, detail load sheets were not available in either the company's or the Executive Officer's files. It is recommended that the producer be required to secure extra copies for submission to the DMEA in case of all future production.

Dry Weight in Pounds - 5,895,434 lbs.

This item is the total of the dry weights shown on the ore settlement sheets. Average moisture percentage as determined by assays was reflected on each settlement sheet. All such computations for the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Dry Weight in Tons - 2,947.717 Tons

Dry weight in tons was recomputed during the audit to determine the value per ton of ore and the applicable percentage of DMEA royalty. Examination of Schedule I shows that in this case all DMEA royalty was at the rate of 5% of the total value subject to royalty.

Settlement Assays: Uranium (U_3O_8), Vanadium (V_2O_5)

Settlement assays shown on Schedule I of this report are weighted averages, computed during the audit from data shown on the individual settlement sheets.

Pounds (U_3O_8) - 20,311.63 lbs.
Pounds (V_2O_5) - 107,856.88 lbs.

These items represent the total pounds of each compound as shown on the settlement sheets, and is determined by applying the applicable assay grade to the dry pounds of ore. All computations as shown on each settlement sheet for the period under audit were recomputed during the audit.

Payments for (U_3O_8) - $70,708.95
Payments for (V_2O_5) - $33,410.48

All base payments for U_3O_8 were at the A.E.C. established prices. Prices paid for U_3O_8 ranged from $1.70 to $3.50 per lb., according to grade. Payments for V_2O_5 were at the rate of 31¢ per lb. All extensions for these payments during the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Development Allowance - $10,156.07

Development allowance was paid at the A.E.C. prescribed rate of 50¢ per lb. of U_3O_8. All computations of development allowance for the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Premiums

Excess of 4 lbs. U_3O_8 per Ton - 8,633.30 - $6,475.25

Payments for this premium were at the A.E.C. prescribed rate of 75¢ per excess pound. All computations involved in the payments of this premium for the period audited were recomputed during the audit.

Excess of 10 lbs. U_3O_8 per Ton - 1,636.13 - $409.03

Payments for this premium were at the A.E.C. prescribed rate of 25¢ per excess lb., in addition to the 75¢ premium above. All computations involved in the payment of this premium for the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Haulage Allowance - $3,280.61

Haulage allowances paid by the various purchasers were on the basis of wet ton miles. All payments made during the period were equal or in excess of the A.E.C. requirements. These payments averaged $1.058 per wet ton of ore. All computations of haulage allowance for the period under review were recomputed during the audit.

Lime Penalty - $227.26

Penalties for excessive lime content of ores were applicable to a few shipments. These penalties were assessed in accordance with A.E.C. schedules. All computations applicable to lime penalties for the audit period were recomputed during the audit.

Total Receiving Station Payments - $124,213.13

The computation of all total receiving station payments during the period November 24, 1952 through January 4, 1956 were confirmed during the audit. Quantities of U_3O_8 involved in these payments for the period November 24, 1952 through June 30, 1955 were reconciled except for minor variations with the quantities of U_3O_8 reported by the A.E.C. in a letter addressed to the Auditor by Chief Accounting Branch Finance Division, A.E.C. Field Operations Office, Grand Junction, Colorado.

Production Bonus - $9,564.11

According to the letter received from A.E.C., referred to in the foregoing paragraph, there was as of November 24, 1952 a balance of 2,762.33 lbs. of U_3O_8 available for production bonus. Schedule II attached to and made a part of this report reflects a detailed itemized computation of amount of this bonus. The A.E.C. reports that the bonus applicable to the foregoing 2,762.33 lbs. of U_3O_8 was paid during the period November 24, 1952 through June 30, 1955.

Total Value Subject to DMEA Royalty - $133,777.24

The total value of all recorded shipments during the period November 24, 1952 through January 4, 1956, including production bonus amounted to $133,777.24. This total was computed during the audit. The weighted average value per ton for all claims was $45.38.

Total DMEA Royalty Due - $6,688.87

DMEA royalty due for the period November 24, 1952 through January 4, 1956 is at the rate of 5% of $133,777.24, or $6,688.87.

Total DMEA Royalties Received - $5,100.32

The total DMEA royalties received during the period, according to records of the Finance Officer, amounted to $5,100.32. This amount was confirmed during the audit.

Balance DMEA Royalty Due - $1,588.55

The balance of royalty due is itemized by liquidation settlements on Schedule II attached to this report.

G. AUDIT OF OPERATOR'S RECORDS

During the audit a detailed examination was made of recorded cash receipts and itemized production records for the period November 24, 1952 through July 7, 1955. These records were reconciled in detail with the schedules shown in this report and were also reconciled with minor variations with data secured from the Field Operations Office of the A.E.C.

Data included in this report for production from July 8, 1955 through January 4, 1956 is based on copies of liquidation settlement sheets mailed by purchasers directly to the Executive Officer of the DMEA Field Team, Region III.

IV CONCLUSIONS

The audit has confirmed the accuracy and propriety of the royalty payments received by the Finance Officer, and the balance of royalty due which are applicable to ore sales during the period November 24, 1952 through January 4, 1956. It has also determined that all indicated sales of ores during the subject period, with the exception of minor variations in the pounds of U_3O_8 disregarded in this report, have been properly accounted for.

Donald T. Finch

January 30, 1956

Donald T. Finch, Auditor

SCHEDULE I

CONTRACT IUM-E452

DOCKET NO. DMEA-2618

URANIUM DEVELOPMENT CORPORATION

SUMMARY STATEMENT OF PRODUCTION FOR PERIOD NOVEMBER 24, 1952 TO JANUARY 4, 1956

	Blackfoot Claim	Gray Fox Claim	Red Fox Claim	Fairy King Claim	Rattlesnake Claim	Good Hope Claim	Total
DATES:	3/6/53 to 8/17/54	4/7/53 to 5/15/53	3/6/53	4/28/54 to 9/20/54	12/16/53 to 1/4/56	8/28/54 to 1/4/56	3/6/53 to 1/4/56
Gross Weight in Pounds	1,229,670	45,040	63,630	2,624	3,610,250	1,248,230	6,199,444
Dry Weight in Pounds	1,170,395	42,485	60,267	2,548	3,437,568	1,182,171	5,895,434
Dry Weight in Tons	585.198	21.243	30.130	1.274	1,718.784	591.086	2,947.717
Average Settlement Assays							
Uranium	.288	.119	.21	1.628	.374	.324	.345
Vanadium	1.642	1.110	1.25	1.704	1.780	2.215	1.829
Pounds of Uranium	3,373.03	50.56	126.56	65.43	12,865.50	3,830.55	20,311.63
Base Payment Uranium	$11,656.48	$95.29	$442.96	$229.01	$44,894.00	$13,391.21	$70,708.95
Development Allowance	$ 1,686.57	$25.29	$ 63.28	$ 32.72	$ 6,432.89	$ 1,915.32	$10,156.07
Premiums							
Excess of 4 lbs. U_3O_8 per Ton							
Excess Pounds	1,076.63		6.04	60.32	6,022.10	1,468.21	8,633.30
Amount	$807.49		$4.53	$45.24	$4,516.61	$1,101.38	$6,475.25
Excess of 10 lbs. U_3O_8 per Ton							
Excess Pounds				52.66	1,407.88	175.59	1,636.13
Amount				$13.16	$351.97	$43.90	$409.03
Haulage Allowance							
Average per wet ton	1.50	.048	-	1.875	1.052	.733	1.058
Number of wet tons	614.835	22.520	31.815	1.312	1,805.125	624.115	3,099.72
Amount of Haulage Allowance	$920.26	$1.07	-	$2.46	$1,899.12	$457.70	$3,280.61
Pounds of Vanadium	19,214.38	471.38	753.34	43.42	61,193.03	26,181.33	107,856.88
Payment for Vanadium	$5,956.48	$120.25	$233.54	$13.46	$18,970.54	$8,116.21	$33,410.48
Excess Lime Penalty					$227.26		$227.26
Total Receiving Station Payment	$21,027.28	$241.90	$ 744.31	$336.05	$76,837.87	$25,025.72	$124,213.13
A.E.C. Bonus	9,025.86	95.29	442.96	-	-	-	9,564.11
Total Value Subject DMEA Royalty	$30,053.14	$337.19	$1187.27	$336.05	$76,837.87	$25,025.72	$133,777.24
Average Value Per Ton	$51.36	$15.87	$39.40	$263.77	$44.70	$42.34	$45.38
DMEA Royalty Percentage	5%	5%	5%	5%	5%	5%	5%
DMEA Royalty Due	$1,502.66	$16.86	$59.36	$16.80	$3,841.92	$1,251.27	$6,688.87
DMEA Royalty Received	-	-	-	$ 7.12	$3,841.93	$1,251.27	$5,100.32
Balance of DMEA Royalty Due	$1,502.66	$16.86	$59.36	$ 9.68	.01	-	$1,588.55

SCHEDULE II

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URANIUM DEVELOPMENT COMPANY
EXPLORATION CONTRACT IDM-E452
DOCKET NUMBER DMEA-2618

Itemized Statement of Ore Sales and DMEA Royalties for Period Nov. 24, 1952 to Jan. 4, 1956

Date 1953	Liq'n. No.	Purchaser	Receiving Station Payment	A.E.C. Bonus: Converted	Total Value	DMEA Royalty Due at 5%	DMEA Royalty Received	Balance DMEA Royalty Due
BLACKFOOT CLAIM								
3/23	4366	U.S.V.Co.	$ 1,110.89	$ 651.00	$ 1,761.89	$ 88.09	—	$ 88.09
4/7	4417	" " " "	1,385.32	776.62	2,161.94	108.10	—	108.10
4/27	4464	" " " "	1,682.40	936.67	2,619.07	130.95	—	130.95
5/7	4544	" " " "	1,983.38	1,118.74	3,102.12	155.11	—	155.11
5/22	4577	" " " "	1,017.42	560.70	1,578.12	78.91	—	78.91
6/6	4671	" " " "	1,703.95	952.42	2,656.37	132.82	—	132.82
6/26	4740	" " " "	1,786.32	1,016.12	2,802.44	140.12	—	140.12
7/6	4765	" " " "	1,978.88	1,142.23	3,121.11	156.06	—	156.06
7/27	4860	" " " "	809.08	458.54	1,267.62	63.38	—	63.38
8/6	4895	" " " "	915.01	541.24	1,456.25	72.81	—	72.81
8/21	4958	" " " "	1,470.03	502.08	1,972.11	98.61	—	98.61
9/2	4992	" " " "	668.06	—	668.06	33.40	—	33.40
9/24	5061	" " " "	286.41	—	286.41	14.32	—	14.32
10/6	5139	" " " "	488.66	—	488.66	24.43	—	24.43
10/22	5181	" " " "	290.29	—	290.29	14.51	—	14.51
11/5	5254	" " " "	237.12	—	237.12	11.86	—	11.86
3/6	614	Climax U. Co.	684.90	369.50	1,054.40	52.72	—	52.72
1954								
4/9	1149	" " " " "	106.62	—	106.62	5.33	—	5.33
4/22	1173	" " " " "	1,348.76	—	1,348.76	67.44	—	67.44
5/18	1212	" " " " "	239.75	—	239.75	11.99	—	11.99
6/18	1289	" " " " "	350.04	—	350.04	17.50	—	17.50
7/1	1304	" " " " "	164.66	—	164.66	8.23	—	8.23
8/17	1374	" " " " "	319.33	—	319.33	15.97	—	15.97
TOTAL BLACKFOOT CLAIM			$21,027.28	$9,025.86	$30,053.14	$1,502.66	—	$1,502.66
GREY FOX CLAIM								
1953								
4/7	4420	U.S.V.Co.	$ 70.70	$ 20.89	$ 91.59	$ 4.58	—	$ 4.58
4/29)Lot 33986		V.C.A.	171.20	74.40	245.60	12.28	—	12.28
5/15)Lot 34183								
TOTAL GREY FOX CLAIM			$ 241.90	$ 95.29	$ 337.19	$ 16.86	—	$ 16.86
RED FOX CLAIM								
1953								
3/6	613	Climax U.Co	$ 744.31	$ 442.96	$ 1,187.27	$ 59.36	—	$ 59.36
TOTAL RED FOX CLAIM			$ 744.31	$ 442.96	$ 1,187.27	$ 59.36	—	$ 59.36

URANIUM DEVELOPMENT CORPORATION

EXPLORATION CONTRACT Idm-E452 DOCKET NUMBER DMEA-2618

Itemized Statement of Ore Sales and DMEA Royalties for Period Nov. 24, 1952 to Jan. 4, 1956

DATE	Liq'n. No.	Purchaser	Receiving Station Payment	A.E.C. Bonus: Computed	Total Value	DMEA Royalty Due at 5%	DMEA Royalty Received	BALANCE DMEA Royalty Due
FAIRY KING CLAIM								
1954								
4/28	Lot 10725	V.C.A.	$ 193.67	—	$ 193.67	$ 9.68	—	$ 9.68
9/20	1432	Climax U. Co.	142.38	—	142.38	7.12	$ 7.12	—
TOTAL FAIRY KING CLAIM			$ 336.05		$ 336.05	$ 16.80	$ 7.12	$ 9.68
RATTLESNAKE CLAIM								
1953								
12/16 to 12/31	Last Lot Number 38180	V.C.A.	$ 651.92	—	$ 651.92	$ 32.60	$ 32.60	—
1954								
1/27	18558	V.C.A.	3,757.01	—	3,757.01	187.85	187.85	—
2/27	18877	" " "	2,064.34	—	2,064.34	103.22	103.22	—
3/15	19205	" " "	1,994.82	—	1,994.82	99.74	99.74	—
3/27	19479	" " "	635.29	—	635.29	31.76	31.76	—
6/27	38614	" " "	4,171.25	—	4,171.25	208.56	208.56	—
7/15	39069	" " "	1,418.18	—	1,418.18	70.91	70.91	—
7/27	39224	" " "	1,367.79	—	1,367.79	68.39	68.39	—
3/10	1071	Climax U. Co.	659.52	—	659.52	32.98	32.98	—
6/8	1271	" " " "	762.19	—	762.19	38.11	38.11	—
6/18	1302	" " " "	718.51	—	718.51	35.93	35.93	—
7/2	1270A	" " " "	324.02	—	324.02	16.20	16.20	—
9/15	1433	" " " "	603.22	—	603.22	30.16	30.16	—
1/6	5430	U.S.V. Co.	2,083.68	—	2,083.68	104.18	104.18	—
1/25	5458	" " "	1,468.92	—	1,468.92	73.45	73.45	—
2/4	5464	" " "	1,549.60	—	1,549.60	77.48	77.48	—
2/24	5496	" " "	416.39	—	416.39	20.82	20.82	—
3/6	5526	" " "	3,588.57	—	3,588.57	179.43	179.43	—
3/24	5535	" " "	3,005.32	—	3,005.32	150.27	150.27	—
4/6	5569	" " "	10,421.54	—	10,421.54	521.08	521.08	—
4/26	5618	" " "	1,441.63	—	1,441.63	72.08	72.08	—
5/6	5623	" " "	3,333.49	—	3,333.49	166.67	166.67	—
7/5	5736	" " "	1,534.31	—	1,534.31	76.72	76.72	—
7/25	5754	" " "	3,101.92	—	3,101.92	155.10	155.10	—
8/6	5783	" " "	1,892.86	—	1,892.86	94.64	94.64	—
8/6	5784	" " "	2,104.60	—	2,104.60	105.23	105.23	—
8/19	5793	" " "	484.90	—	484.90	24.25	24.25	—
9/3	5826	" " "	2,111.34	—	2,111.34	105.57	105.57	—
5/26	5653	" " "	3,944.66	—	3,944.66	197.23	197.23	—
10/21	5886	" " "	695.18	—	695.18	34.76	34.76	—
12/20	5983	" " "	1,443.55	—	1,443.55	72.18	72.18	—

URANIUM DEVELOPMENT CORPORATION

EXPLORATION CONTRACT I6m-8452 DOCKET NUMBER DMSA-2618

Itemized Statement of Ore Sales and DMSA Royalties for Period Nov. 24, 1952 to Jan. 4, 1956

Date	Liq'n. No.	Purchaser	Receiving Station Payment	A.E.C. Bonus: Computed	Total Value	DMSA Royalty Due at 5%	DMSA Royalty Received	Balance DMSA Royalty Due
RATTLESNAKE CLAIM: (Cont.)								
1955								
1/4	6003	U.S.V. Co.	$ 371.48	—	$ 371.48	$ 18.57	$ 18.57	—
1/20	6029	" " " " "	1,595.72	—	1,595.72	79.79	79.79	—
2/1	6037	" " " " "	2,857.38	—	2,857.38	142.87	142.87	—
2/18	6061	" " " " "	451.99	—	451.99	22.60	22.60	—
5/19	6181	" " " " "	291.33	—	291.33	14.57	14.57	—
6/3	6203	" " " " "	481.11	—	481.11	24.06	24.06	—
6/17	6218	" " " " "	1,805.10	—	1,805.10	90.26	90.26	—
7/9	6251	" " " " "	735.28	—	735.28	36.76	36.76	—
7/19	6259	" " " " "	1,611.27	—	1,611.27	80.56	80.56	—
12/2	6378	U.C.N. Co.	2,145.80	—	2,145.80	107.29	107.29	—
1956								
1/4	6471	" " " " "	740.89	—	740.89	37.04	37.05	.01
TOTAL RATTLESNAKE CLAIM			$76,837.87	—	$ 76,837.87	$3,841.92	$3,841.93	.01
GOOD HOPE CLAIM:								
1954								
9/15	Lot 43365	V.C.A.	$ 1,382.70	—	$ 1,382.70	$ 69.14	$ 69.14	—
9/3	5827	U.S.V. Co.	1,501.45	—	1,501.45	75.07	75.07	—
10/5	5867	" " " " "	1,839.38	—	1,839.38	91.97	91.97	—
10/21	5885	" " " " "	720.26	—	720.26	36.01	36.01	—
11/5	5896	" " " " "	2,932.38	—	2,932.38	146.61	146.61	—
11/22	5937	" " " " "	805.00	—	805.00	40.25	40.25	—
12/3	5944	" " " " "	1,883.38	—	1,883.38	94.17	94.17	—
12/20	5984	" " " " "	1,954.26	—	1,954.26	97.71	97.71	—
1955								
1/4	6004	" " " " "	1,303.03	—	1,303.03	65.15	65.15	—
1/20	6030	" " " " "	501.97	—	501.97	25.10	25.10	—
2/1	6038	" " " " "	251.09	—	251.09	12.55	12.55	—
3/17	6088	" " " " "	804.21	—	804.21	40.21	40.21	—
4/4	6113	" " " " "	2,471.35	—	2,471.35	123.57	123.57	—
4/18	6125	" " " " "	2,169.65	—	2,169.65	108.48	108.48	—
5/5	6153	" " " " "	522.92	—	522.92	26.15	26.15	—
5/18	6182	" " " " "	549.91	—	549.91	27.49	27.49	—
11/18	6399	U.C.N. Co.	438.77	—	438.77	21.94	21.94	—
12/1	6416	" " " " "	738.04	—	738.04	36.90	36.90	—
12/20	6439	" " " " "	968.50	—	968.50	48.43	48.43	—
1956								
1/4	6470	" " " " "	1,287.47	—	1,287.47	64.37	64.37	—
TOTAL GOOD HOPE CLAIM			$ 25,025.72	—	$ 25,025.72	$1,251.27	$1,251.27	—
TOTAL ALL CLAIMS			$124,213.13	$9,564.11	$133,777.24	$6,688.87	$5,100.32	$1,588.55

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

FEB -3 1956

Mr. Donald T. Finch
DMEA Auditor
224 New Customhouse
Denver 2, Colorado

Re: Royalty Audit Report
Idm-5452, DMEA-2618
Uranium Development Corporation

Dear Don:

Receipt is acknowledged of your First Royalty Audit Certificate and Report covering the above-cited contract.

The report is acceptable and normal distribution may be effected.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

WBorovies/wb
February 3, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

For Certificate of Deposit No. 91, dated February 9, 1956, giving royalty repayment of $23.65, see E-317.

For Certificate of Deposit No. 85, dated January 25, 1956, giving royalty repayment of $51.66, see E-53.

For Certificate of Deposit No. 82, dated January 13, 1956, giving royalty repayment of $101.42, see E-34.

For Certificate of Deposit No. 73, dated December 14, 1955, giving royalty repayment of $36.90, see E-333.

For Certificate of Deposit No. 72, dated December 28, 1955, giving royalty repayment of $48.43, see E-422.

For Certificate of Deposit No. 65, dated November 29, 1955, giving royalty repayment of $21.94, see E-4.

For Certificate of Deposit No. 60, dated November 10, 1955, giving royalty repayment of $107.29, see E-333.

For Certificate of Deposit No. 16, dated August 4, 1955, giving royalty repayment of $80.56, see E-4.

For Certificate of Deposit No. 4, dated July 12, 1955, giving royalty repayment of $36.76, see E-7.

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with ~~Federal Reserve Bank of Kansas City, Mo.,~~ Denver, Colo. ~~6/13/55~~
(Name and location of depositary) (Date sent)

DEPOSIT NO. 14-23-040-123

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 42.06

SYMBOL NO. 413

C. R. Evans, R.D.O., Denver, Colo.
(Name and address of officer to be credited)

On account of—
14X4401

E-452

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration
Administration
224 New Customhouse
Denver 2, Colo.

SPACE BELOW TO BE USED BY DEPOSITARY ONLY
I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

JUN 13 1955
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

Contract No. E-452 42.06

RECEIVED
JUN 20 1955
C. E. EVANS, Reg'l D.O.
U. S. Treas. Dept.,
Denver

For Certificate of Deposit No. 3, dated July 11, 1955, giving royalty repayment of $90.26, see E-53.

For Certificate of Deposit No. 124, dated June 14, 1955, giving royalty repayment of $24.06, see E-4.

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

DEPOSIT NO.
14-23-040-123

Deposited with ~~Federal Reserve Bank of Kansas City, Mo.,~~ Denver, Colo. ~~6/13/55~~
(Name and location of depositary) (Date sent)

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 42.06

SYMBOL NO.
413

C. E. Evans, R.D.O., Denver, Colo.
(Name and address of officer to be credited)

On account of—
14X401

E-452

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration
Administration
224 New Customhouse
Denver 2, Colo.

JUN 13 1955

SPACE BELOW TO BE USED BY DEPOSITARY ONLY.
I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

Contract No. E-452 42.06

RECEIVED
JUN 20 1955
C. E. EVANS, Reg'l D.O.
U. S. Treas. Dept.,
Denver

For Certificate of Deposit No. 110, dated May 18, 1955, giving royalty repayment of $26.15, see E-4.

For Certificate of Deposit No. 106, dated May 11, 1955, giving royalty repayment of $108.48, see E-54.

For Certificate of Deposit No. 93, dated April 14, 1955, giving royalty repayment of $123.57, see E-53.

For Certificate of Deposit No. 92, dated April 12, 1955, giving royalty repayment of $40.21, see E-4.

For Certificate of Deposit No. 80, dated March 11, 1955, giving royalty repayment of $22.60, see E-4.

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

DEPOSIT NO. 14-23-040-72

Deposited with Federal Reserve B[redacted] of Kansas City, Mo., 2/16/5[redacted]
(Name and location of depositary) Denver, Colo. (Date sent)

$ 155.42

the sum shown opposite for credit, subject to check, in the disbursing account of—

SYMBOL NO. 413

C. E. Evans, RDO, Denver, Colo.
(Name and address of officer to be credited)

On account of—
14X4401

E-4-52

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration
Administration
224 New Customhouse
Denver 2, Colo.

SPACE BELOW TO BE USED BY DEPOSITARY ONLY
I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

FEB 16 1955
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

Idm: E-452 Uranium Dev. 155.42

E-452

For Certificate of Deposit No. 65, dated January 28, 1955, giving royalty repayment of $104.88, see E-4.

E-452

For Certificate of Deposit No. 64, dated January 19, 1955, giving royalty repayment of $83.73, see E-4.

For Certificate of Deposit No. 57, dated December 30, 1954, giving royalty repayment of $169.89, see E-4.

For Certificate of Deposit No. 53, dated December 9, 1954, giving royalty repayments of $94.17 and $40.25, see E-4.

For Certificate of Deposit No. 49, dated November 19, 1954, giving royalty repayment of $146.61, see E-4.

For Certificate of Deposit No. 47, dated November 10, 1954, giving royalty repayment of $14.15, see E-4.

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6
Promulgated August 1951 by Treasury Department, Fiscal S

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with The Federal Rese[redacted] Bank of Kansas City (Name and location of depositary) Nov. 8 [redacted] 1954 Denver, Colo. (Date sent)

DEPOSIT NO. 14-23-010-46A

the sum shown opposite for credit, subject to check, in the disbursing account of—

$50.62

SYMBOL NO. 413

C. E. EVANS, 363 New Customhouse Denver 2, Colorado

(Name and address of officer to be credited)

Received in Accounts of C. E. Evans, RDO Denver, Colo. NOV 9 COLL. BR.

On account of— 14X4401 E-45

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration
Administration
224 New Customhouse
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

NOV 8 1954 (Authorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

E-452 Uranium Dev. 56.62

For Certificate of Deposit No. 39, dated October 19, 1954, giving royalty repayment of $91.97, see E-4.

For Certificate of Deposit No. 33, dated September 30, 1954, giving royalty repayments of $69.14 and $7.12, see E-4.

For Certificate of Deposit No. 31, dated September 22, 1954, giving royalty repayments of $197.23 and $30.16, see E-4.

For Certificate of Deposit No. 27, dated September 14, 1954, giving royalty repayment of $180.64, see E-4.

For Certificate of Deposit No. 22, dated September 1, 1954, giving royalty repayment of $24.25, see E-4.

For Certificate of Deposit No. 16, dated August 16, 1954, giving royalty repayments of $68.39 and $199.87, see E-53.

E-452

For Certificate of Deposit No. 10, dated July 28, 1954, giving royalty repayment of $155.10, see E-440.

E-452

For Certificate of Deposit No. 8, dated July 26, 1954, giving royalty repayment of $70.91, see E-360.

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

DEPOSIT NO.
14-25-040-2

Deposited with ~~The Federal Reserve Bank of Kansas City,~~ Denver, Colo. (Name and location of depositary) ~~Jul. 13, 1954~~ (Date sent)

the sum shown opposite for credit, subject to check, in the disbursing account of—

$ 5,217.49

SYMBOL NO.
415

C. E. EVANS, 363 New Customhouse, Denver 2, Colorado

(Name and address of officer to be credited)

On account of—

14X4401

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration,
224 New Customhouse,
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

JUL 13 1954

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

E-452	208.56
Idm E-452	76.72
Idm E-597	887.84
Idm E-649	1061.95
Idm E-641	930.29
Idm E-452	52.13

JUL 14 1
COLL

QUADRUPLICATE

STANDARD FORM 209c (Formerly Cert. of Deposit, Form 6599)
Promulgated August 1951 by Treasury Department, Fiscal Service

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

Deposited with The Federal Reserve Bank of Kansas City, Denver, Colo. (Name and location of depositary) 6/29, (Date sent)

DEPOSIT NO. 14-23-040--22

$ 38.11

the sum shown opposite for credit, subject to check, in the disbursing account of—

C. E. Evans, 363 New Customhouse, Denver 2, Colorado

(Name and address of officer to be credited)

SYMBOL NO. 413

On account of— 14X4401

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

2 8 1954

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

Idm E-452 Uranium Defelop 38.11

Received in
Accounts of
G. E. Evans
Dorman, Colo.
RDO
JUN 13 1955
Colo. Dr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No.2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5623 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $166.67 in payment of royalty on this shipment.

John F. Shaw
John F. Shaw
For W. H. King

Enclosures

See E-36 for C.O.S. #4

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5618 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $72.08 covering royalty on this shipment.

John F. Shaw
John F. Shaw
For W. H. King

Enclosures

See E-36 for C.A. #4

E-452

For Schedule of Collections No. DMA-C-126, dated April 16, 1954, giving royalty repayment of $521.08, see E-36.

E-452

For Schedule of Collections No. DMA-C-120, dated April 8, 1954, giving royalty repayment of $31.76, see E-4.

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. DMA-54-C-118

Sheet No. 1

(14-23-040)

Department of the Interior (Department or Establishment)

Defense Minerals Exploration Administration (Bureau or Office)

Received by C. E. Evans, Regional Disbursing Officer (Name) (Title) at Denver, Colorado (Station)

Period April, 1954 (Month or quarter ended)

D. O. Symbol No. 413

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
4/1/54		Vanadium Corporation of America, Check No. 5390 drawn on The First National Bank, Durango, Colorado	Repayment under the Mineral Exploration Program, Contract No. Idm-1452, Uranium Development Corporation.	$22.74	14X8401 Revolving Fund, Defense Production Act, Interior
			Total,	$22.74	

Received _____, subject to collection. Forwarded April 2, 1954

_____ (Disbursing clerk or accountable officer)

By _____

By _____ Naomi E. Stokes (Name)

Title Authorized Certifying Officer

Certificate of Deposit No. _____ dated _____

U. S. GOVERNMENT PRINTING OFFICE 10—1790

E-452

For Schedule of Collections No. DMA-C-117, dated April 2, 1954, giving royalty repayment of $29.88 and $150.27, see E-333.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 1, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Docket No. 2618, Contract No. E452, Uranium Development Corporation, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 5535 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $150.27 in payment of royalty on this shipment.

Enclosed too is check in the amount of $29.88 in payment for the balance due on royalty payment of 5% on the following:

U.S. Vanadium Co.	$ 2.14-Settlement sheet 1/27/54
Vanadium Corp. of America	19.43-Lot No. 5496
Climax Uranium Co.	8.31-Lot No. 1071

John F. Shaw
For W. H. King

Enclosures
es

cc: Royalty File
Sec. to the Oper. Comm.(2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 1, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Docket No. 2618, Contract No. E452, Uranium Development Corporation, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Sheet No. 1 by Uranium Development Corporation to the Vanadium Corporation of America dated 2-28/3-15-54.

Also enclosed is check in the amount of $99.74 in payment of royalty on this shipment.

John F. Shaw
For W. H. King

Enclosures

es

cc: Royalty File
Sejc. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1954

224 New Customhouse
Denver 2, Colorado

March 22, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No. DMEA 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 1071 by Uranium Development Corporation to Climax Uranium Company.

Also enclosed is check in the amount of $24.67 in payment of royalty on this shipment.

John F. Shaw
John F. Shaw
for W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

E-452

For Schedule of Collections No. DMA-C-111, dated March 23, 1954, giving royalty repayment of $24.67, see E-440.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No. 2618
Contract No. E452, Colorado

Attached is copy of settlement sheet covering ore shipped under Liquidation No. 5526 by the Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $179.43 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

For Schedule of Collections No. DMA-C-109, dated March 16, 1954, giving royalty repayment of $179.43, see E-4.

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. DMA-54-C-103

Sheet No. 1

(14-23-040)

Department of the Interior (Department or Establishment)

Defense Minerals Exploration Administration (Bureau or Office)

Received by G. E. Evans, Regional Disbursing Officer (Name) (Title) at Denver, Colorado (Station)

Period March 1954 (Month or quarter ended)

D. O. Symbol No. 419

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
3/12/54		Vanadium Corporation of America-- Ore Settlement, Durango, Colorado, Check No. 5323 drawn on The First National Bank, Durango, Colorado	Repayment under the Mineral Exploration Program, Contract No. E452, Uranium Development Corporation	103.22	14X4401 Revolving Fund Defense Production Act, Interior
			Total,	103.22	

Received _____, subject to collection.

Forwarded March 12, 1954

_____ (Disbursing clerk or accountable officer)

By _____ (Name)

By _____

Title Authorized Certifying Officer

Certificate of Deposit No. _____ dated _____

U. S. GOVERNMENT PRINTING OFFICE 10—1790

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 5, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Company, Contract No. E452, Docket No. 2618, Colorado.

Enclosed is copy of settlement sheet No. 1 covering ore shipped from the Rattlesnake claim of the Uranium Development Corporation to the Vanadium Corporation of America.

Also enclosed is check in the amount of $168.42 in payment of royalty on this shipment.

WH King
W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 3, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject Royalty-Uranium Development Company, Docket No. 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 5496 by Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check in the amount of $18.68 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 3, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 5464 by Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check in the amount of $77.48 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. DMA-44-6-195

Sheet No. 1

Department of the Interior
(Department or Establishment)

(14-23-040)
Defense Minerals Exploration Administration

Received by G. E. Evans, Sectional Disbursing Officer (Name) (Title) at Denver, Colorado

Period March, 1954 (Month or quarter ended)

D. O. Symbol No. 413

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
3/8/54		Vanadium Corporation of America, Ore Settlement, Check No. 5216 drawn on The First National Bank, Durango, Colorado	Repayment under the Mineral Exploration Program, Contract No. Idm-E452, Uranium Development Company	163.42	14X4401 Revolving Fund Defense Production Act, Interior
" "		American Smelting and Refining Company—Arkansas Valley Plant, Check No. 46698 drawn on First National Bank of Denver, Denver, Colo.	Repayment under the Mineral Exploration Program, Contract No. Idm-36, Lupton Mining Company	1.13	" " "
" "		United States Vanadium Co. Uravan, Colo., Check No. 23642 drawn on First National Bank in Grand Junction, Colorado	Repayment under the Mineral Exploration Program, Contract No. Idm-E452, Uranium Development Company	18.68	" " "
" "		United States Vanadium Co., Uravan, Colo., Check No. 23648 drawn on First National Bank in Grand Junction, Colorado	Repayment under the Mineral Exploration Program, Contract No. Idm-E452, Uranium Development Company	77.48	" " "
" "		Player & Company, Check No. 5598 drawn on The American National Bank, Silver City, New Mexico	Repayment under the Mineral Exploration Program, Contract No. Idm-E317, Nash Mines	72.97	" " "
			Total,	333.68	

Received _____, subject to collection.

(Disbursing clerk or accountable officer)

By _____

Certificate of Deposit No. _____ dated _____

Forwarded March 8, 1954

By _____ (Name)

Naomi E. Stokes
Title Authorized Certifying Officer

U. S. GOVERNMENT PRINTING OFFICE 10—1790

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. DMA-54-C-08

Sheet No. 1

(14-23-040)

Department of the Interior
(Department or Establishment)

Defense Minerals Exploration Administration
(Bureau or Office)

Received by C. E. Evans, Regional Disbursing Officer (Name) (Title) at Denver, Colorado (Station)

Period February 1954 (Month or quarter ended)

D. O. Symbol No. 413

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
2/2/54		Slayer & Company, Check No. 5553 drawn on American National Bank, Silver City, New Mexico	Repayment under the Mineral Exploration Program, Contract No. Idm-E317, Nash Mines	254.47 ✓	14X4401 Revolving Fund Defense Production Act, Interior
" "		The Uranium Development Corporation, Check No. 0650 drawn on Colorado National Bank, Denver, Colorado	Repayment under the Mineral Exploration Program, Contract No. Idm-E452, The Uranium Development Corporation	32.60 ✓	" "
" "		The Uranium Development Corporation, Check No. 0651 drawn on Colorado National Bank, Denver, Colorado	Repayment under the Mineral Exploration Program, Contract No. Idm-E452, The Uranium Development Corporation	104.18 ✓	" "
			Total,	391.25	

Received ....., subject to collection. Forwarded February 3, 1954

(Disbursing clerk or accountable officer)

Nacmi L. Stokes
Authorized Certifying Officer

By ..... Title .....

Certificate of Deposit No. ..... dated .....

U. S. GOVERNMENT PRINTING OFFICE 10—1790

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

February 5, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Contract 1452, Docket No. DMEA 2618, Colorado.

Enclosed is copy of settlement sheet covering Liquidation No. 5458 for ore shipped by Uranium Development Company to the United States Vanadium Company.

Also enclosed is check in the amount of $73.45 in payment of royalty on this shipment.

W. H. King

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. w/enc. settlement sheet
Storms
Chron.

For Schedule of Collections No. DMA-C-97, dated February 11, 1954, giving royalty repayment of $73.45, see E-6.

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Uranium Development Corporation
620 E&C Building
Denver, Colorado

pertaining to Exploration Project Contract No. Idm-E452, Docket No. 2616, and Amendment No. 1, covering a project for exploration of Uranium, located in Montrose County, Colorado, commonly known as the Blackfoot Group of claims, for the months of July and August 1953.

My review included an examination of the Monthly Reports (Form MF-104) and supporting documents attached thereto, comparison of costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

The contract provides for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor	$21,744.45
Exceptions:	
By DMEA Finance Officer (See attached)	
Herewith (memo)	None
Total Accepted Cost	$21,744.45

The contract calls for a 90 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Nineteen Thousand Five Hundred Seventy and no/100 Dollars

-$19,570.00-

is considered valid and proper.

Dated: October 23, 1953

T. H. Brading

T. H. Brading, Auditor

URANIUM DEVELOPMENT CORPORATION

Contract Idm-E452 Docket No. 2618

An amount of $500.00 was withheld by Finance Officer from August MF-104, pending final Report of Review.

Inasmuch as there were no differences developed in the examination of MF-104's by the auditor, this amount is reinstated.

October 23, 1953

T. H. Brading, Auditor

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 16, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 2618 (Uranium), Contract No. Idm-E452, The Uranium Development Corporation, Blackfoot Group of Claims, Montrose County, Colorado - FINAL PAYMENT

Reference is made to our memorandum of October 1, 1953 whereby we transmitted the final Form MF-104, Operator's Monthly Progress Report and Voucher for the month of August 1953, and instructed you to withhold the amount of $500.00 from reimbursement to the Operator pending receipt of the Operator's final report and a release of the Report of Review by the Contract Administration and Audit Division.

We now recommend that final payment to the Operator be made in conformance with the Report of Review by the Contract Administration and Audit Division, dated October 23, 1953, which was released to this office December 15, 1953.

Basis for Final Payment

Total accepted cost	$21,744.45
Government participation at 90%	19,570.00
Total prior payments	19,070.01
Balance due the Operator	$499.99

W H King
W. H. King

JWT:cwm

499.99

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.
JWTownsend

12/18/53 Donna 54-63

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 5, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 2618 (Uranium), Contract No. Idm-E452, The Uranium Development Corporation, Blackfoot Group of Claims, Montrose County, Colorado.

Enclosed are two copies of a memorandum to Mr. T. A. Christensen dated December 16, 1953, relative to final payment under the terms of the subject contract.

Final payment to the Operator in the amount of $499.99 has now been made in conformance with the Report of Review by the Contract Administration and Audit Division, dated October 23, 1953.

W. H. King

Enclosures

Form MF-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

OCT 12 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1953 Docket No. DMEA2618 Contract No Idm-E452
Operator's Name Uranium Development Corporation Minerals Uranium-Van.
Address 620 E&C Bldg., Denver, Colo.
Contract Amount, $ 21,744.45 Government Participation: 90 % Amount, $ 19570

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling Wagon	$9954.90	$11789.55	$21744.45			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$9954.90	$11789.55	$21744.45	9954.90	11,789.55	21,744.45

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 8/28/53 *Payee Uranium Development Corp.

Per Paul H. Keating Title Managing Director

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 8459.41

Signature RANDEL R. COOPER
(Authorized Certifying Officer)

Date 10-5-53 Vou. No. DMA-54-36

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E 452 in accordance with the terms of the contract.

Signature R. R. McLellan 8959.41 Title Mining Engineer Date 9/22/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.A.B.

Signature W. H. King Title Executive Officer Date OCT 1 1953

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
OCT 12 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 2618 Contract No. Idm-E452

Operator's Name Uranium Development Corporation Minerals Uranium

Address 620 E&C Bldg., Denver, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: ~~XXX~~ Wagon	ft.	$9954.90	7374	$21,744.45	16107	$1.35	16107	$1.35
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$9954.90		$21744.45				$21744.45

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Aug. 25, '53 Operator Uranium Dev. Corp.

Per Paul H. Keating Title Managing Director

Paul H. Keating

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF-104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF-104A has been designed to tie in with Form MF-104 for both monthly and cumulative costs. The "Total Costs" on Form MF-104A for each month should equal the monthly "Total Costs" as reported on Form MF-104. This is also true of the "Total Costs To Date".

In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 12 1953

Administrative Audit Difference Statement

Date: October 5, 1953
Payee's
Reference: Program
Report - August, 1953

The Uranium Development Corporation
620 B & C Building
Denver, Colorado
I-DMA-E-452

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $9,954.90

Difference $

Amount Approved $8,959.41
-500.00

The reason for the difference was due to:
$8,459.41

$500.00 withheld from amount due pending release of the final "Report of Review".

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
OCT 1 2 1953

224 New Customhouse
Denver 2, Colorado

October 1, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2618, Contract Idm-2452 (Uranium), The Uranium Development Corporation (Blackfoot group of claims), Montrose County, Colorado. Operator's Monthly Progress Report for the period August 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

A sum of $500.00 is to be withheld from the payment due the Operator pending release of the final Report of Review by the Contract Administration and Audit Division.

Remarks:

Date of Report	August 28, 1953.
Date Received in Field Office	August 31, 1953.
Date Received in Region Office	September 24, 1953.

Delay in Field Office due to inspecting engineer being engaged in completion of high priority reports on uranium applications.

W H King
W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 22, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: Russell R. McLellan

Subject: DMEA 2618, Contract Idm-E452 (Uranium), The Uranium Development Corporation, (Blackfoot group of claims), Montrose County, Colorado -- Progress report for August 1953

The Blackfoot claims were inspected on August 19, 1953, by the writer in company with P. W. Peter, the resident engineer. The remaining 7,374 feet of wagon drilling authorized by the contract was completed by August 10, 1953.

During August 1953, 94 holes were completed of which 36 holes encountered mineralization. Following is a tabulation of these 36 holes:

Coordinates		Sample Depth (Feet)		
NORTH	EAST	From	To	Percent U_3O_8
5100	2000	36	37	Trace
4900	2250	27	29	"
5000	2250	37	--	"
4800	2350	23	25	" +
5000	2350	34	35	" +
4900	2400	40	42	" ++ (ore)
4900	2500	16	17	"
4900	2500	34	35	"
5300	2500	16	17.5	" ++ (ore)
5400	2500	21.5	22.5*	3.0 percent (ore)
5500	2500	50	51	Trace
5500	2600	100	101	"
5000	2650	33	36	"
5600	2650	53	57	" ++
5100	2750	34	--	" + (ore)

*Listed as 21 feet to 21.5 feet in operator's narrative.

Coordinates		Sample Depth (Feet)		
NORTH	EAST	From	To	Percent U_3O_8
5300	2750	25	27	Trace +
5300	2750	70	72	" +
5500	2750	55	56	"
5600	2750	60	62.5	" ++
5600	2850	73	75	" +
5600	2850	101	103	" ++
5500	2900	45	52	" +++
5400	3000	17	20	" ++
5500	3000	20	23	" +++
5600	3000	50	53	" +++
6100	3000	93	--	" +
5700	3100	53.5	54.0	" +
6500	3100	53	54	" +
5600	3150	25	--	**0.50
5800	3150	85	--	Trace
6200	3150	32	32.5	" +
6400	3150	42	43	"
5700	3250	18	21	" +
5700	3250	38	--	" ++ (ore)
6100	3250	40	42	**1.0 (ore)
5600	3350	28	30	Trace +++(ore)
5800	3350	25	28	" +++(ore)
5900	3600	27	35	*** " +++
6400	3750	43.6	46.5	0.05 (ore)
5800	4250	24	25	Trace

** Unintentionally shown as a trace on operator's map
*** Unintentionally shown as high grade on operator's map

The writer has placed (ore) after each hole that has been classified by the operator as an ore hole on the progress map. Apparently, most of the assay values were obtained by probing the holes and the readings were not converted to percentages of U_3O_8. This fact will make the calculation of ore reserves difficult and inconclusive. The operator has submitted no estimate of reserves.

One hole at coordinates 5400 N. and 2500 E. encountered 3 percent ore at a depth of 21.5 feet to 22.5 feet. A second hole, coordinates 5600 N. and 3150 E., encountered an undetermined thickness of 0.5 percent ore, and a third hole, coordinates 6100 N. and 3250 E., encountered 2 feet of 1 percent ore. On the basis of these holes and mineralized holes surrounding them, the writer has

estimated a tentative reserve of 3,000 tons of indicated ore averaging 0.16 percent U_3O_8. The lack of assay data prevents any enlargement of this estimate at this time. Without doubt, offset drilling in the favorable areas will disclose small deposits of fairly high-grade ore and a considerable reserve of low-grade ore.

The project was completed quickly and efficiently and according to the terms of the contract. It is recommended that a discovery be certified and that the contract be officially closed pending final audit and the receipt of the final reports. The company evidently considers this progress report as their final report and its acceptance as such is recommended.

Payment is recommended of $8,959.41 or 90 percent of the $9,954.90 claimed for the month of August 1953.

L. D. Everett, for
Russell R. McLellan
Mining Engineer

cc 6
E452
Chron

Form MF-1[illegible]4 (Rev.)
(April [illegible])

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 195 3 Docket No. DMEA 2618 Contract No. Idm-452
Operator's Name Uranium Development Corp. Minerals Uranium
Address 620 E&C Bldg., Denver, Colo.
Contract Amount, $ 21,744.45 Government Participation: 90 % Amount, $ 19,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	(8733'	none	8733'			
Bulldozing	($11,789.55	none	$11789.55			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$11,789.55 8733	---- ------	$11,789.55 8733	11,789.55		11,789.55

I certify that the above bill is correct and just and that payment therefor has not been received.

Date July 31, '53 *Payee Uranium Develpmt. Corp.

Per Paul H. Keating Title Managing Director

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$10610.80? 60

Signature [illegible]
(Authorized Certifying Officer)

Date 9/2/53 Vou. No. DMA 54-24

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-452 in accordance with the terms of the contract.

Signature R. R. McLellan 10,610.59 Title Mining Engineer Date 8/25/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: EDB.

Signature W. H. King Title Executive Officer Date SEP 1 1953

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-10A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
(Reserve)

SEP 8 - 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1953 Docket No. DMEA 2618 Contract No. Idm-452
Operator's Name Uranium Development Corporation Minerals Uranium-Van.
Address 620 E&C Bldg., 17th & Curtis Sts. Denver, Colo.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core ~~XXX~~ WAGON	Ft.	11789.55	8733	11,789.55	8733	1.35	16107	$1.35
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		11789.55	8733	11,789.55	8733			
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

Total Costs Authorized by Contract: $21744.45

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date July 31 1953 Operator Uranium Dev. Corp.

Per Paul H. Keating Title Managing Director

Remarks:

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

September 1, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation, Montrose County, Colorado. Operator's Monthly Progress Report for the period July 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	July 31, 1953.
Date Received in Field Office	August 3, 1953.
Date Received in Region Office	September 1, 1953.

Held up in Field Office due to work load of the inspecting engineer.

W. H. King
W. H. King

Enclosures

RDB:cwm

cc: Contract
WMTraver
Secretary to the Oper. Comm. (2)
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 28, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2618, Contract Idm-8452 (Uranium), Uranium Development Corporation, Montrose County, Colorado - Progress report for July 1953

Enclosed are the original and four copies of the subject progress report, the initial one--forms MF-104 and MF-104A, with an excellent narrative and progress map of the wagon drilling accomplished to the end of the reporting period--and the original and six copies of R. R. McLellan's memorandum covering inspection of operations. The contract is short-form unit-cost on form MF-200(A) and requires no documentation.

McLellan confirms the wagon drill footage of 8,733 claimed by the contractor and his entries and extensions on the reporting forms. The physical accomplishments are adequately described in the memorandum report.

Payment is recommended and certified on the MF-104 forms of $10,610.59, or 90 percent of the total $11,789.55 claimed.

W. M. Traver

W. M. Traver

enclosures

cc 4, 8452, DMEA Chron.

WMT pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 25, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. R. McMillan

Subject: DMEA 261B, Contract Idm-2452 (Uranium), Uranium Development Corporation, Montrose County, Colorado - Progress report for July 1953

Wagon drilling under the subject contract commenced on July 10, 1953. At the close of the month, a total of 109 holes had been completed for a total of 8,733 feet of wagon drilling. The property was inspected on August 19, 1953, in company with the resident engineer, P. W. Peter. All wagon drilling allowed by contract had been completed prior to the examination date and all monthly and final reports had been submitted to the company by the resident engineer.

During the month of July, three holes encountered ore and nine holes encountered traces of mineralization. These holes are shown on the maps which accompany the operator's narrative report. Assay information was not complete at the close of the month, however, the following sample splits and assays were submitted with the monthly report:

Hole coordinates		Sample depth	Percent U_3O_8
65[illegible]N	34[illegible]E	57 feet - 58 feet	[illegible].35
65[illegible]N	34[illegible]	58 feet - 59 feet	[illegible].50
64[illegible]N	35[illegible]E	23.5 feet - 25.7 feet	[illegible].15
62[illegible]N	375[illegible]E	51 feet - 61 feet	[illegible].15
62[illegible]N	375[illegible]E	59 feet - 61 feet	[illegible].20
62[illegible]N	325[illegible]E	31 feet - 33 feet	[illegible]
62[illegible]N	325[illegible]E	34 feet - 35 feet	Trace
60[illegible]N	335[illegible]E	41 feet - 42 feet	[illegible]
55[illegible]N	325[illegible]E	62 feet - 63.5 feet	Trace
52[illegible]N	285[illegible]E	59 feet - 64.5 feet	[illegible].01
51[illegible]N	39[illegible]E	68 feet - 72 feet	[illegible].10
51[illegible]N	39[illegible]E	72 feet - 81 feet	Trace
51[illegible]N	375[illegible]E	77 feet - 79 feet	Trace

None of the above assays show commercial quantities of uranium. The resident engineer commented that most of the mineralized areas were so weak that the color of the cuttings was not a

reliable guide, therefore, each hole was probed with a Geiger tube to provide more accurate logging. No ore reserves have been established as yet.

With three wagon drills in operation the project was completed in 1 month. The work appears to have been done thoroughly and efficiently and within the terms of the contract. The operator's monthly report is exceptionally well presented.

Payment is recommended of $10,610.59, or 90 percent of the $11,789.55 claimed for the month of July.

for W. M. Crane
R. R. McLellan
Mining Engineer

cc 6
E452
DMEA Chron.

RRM pam

Operations on the above contract started July 10, 1953, on the Blackfoot Group of Claims, Vixen Mining District, Montrose County, Colorado. The initial work was bulldozing drill sets and laying out the drilling pattern as proposed on the map "Exhibit A" attached to the above contract. These drill sites were established by transit. A set of semi-permanent reference points were set up as a network to expedite co-ordinate locations of the drill sites.

On each stake marking the drill sites is stamped with metal dies the co-ordinates of the stake on the co-ordinate system established for the entire group; also, the name or initials of the claim on which the stake is established are stamped into the wood. In pencil has been written the estimated depth of each hole as listed on Annex 2 attached hereto.

As each hole is finished to "bottom" (the top of a thick bed of red clay underlying the Blackfoot ore horizon), a section of Orangeburg tubing is inserted at the top of the hole. This is an asphaltum base of rigid tubing about 2-1/2" in diameter. Its purpose is to prevent top-soil from funneling back into the hole. Hence, each hole is "cased" by this tubing from about 6" above the surface down to solid rock or a few inches below. The stake showing the co-ordinates of the hole is then replaced in the tubing and the open space remaining is stuffed with mineral wool. This keeps the hole as clean as possible.

Each hole is being probed in addition to samples being taken wherever the appearance of the cuttings warrants it.

DEVIATIONS

1. Certain holes have not been drilled up to now by reason of the physical inaccessibility to the wagon drill equipment. Where proposed holes were too close to the edge of the cliff for safe operation, they have been by-passed for the time being. Two or three holes have been moved as much as 5' from the location stake for similar reasons.

2. The Corporation's Engineer called upon Messrs, Will H. Traver and Scott Hazen, of the U. S. Bureau of Mines (Federal Center, Denver), Tuesday, July 14, 1953, for detailed instructions on data required and the preparation of this report.

It was understood that a drill hole should reach the marker bed known as "bottom" in each case possible, otherwise the area would not be completely explored.

The predicted depths of the bottom on the holes lying approximately on and west of the 3900E co-ordinate line found the marker bed very close to the predicted depths (plus or minus 5'). Holes east of this 3900E line were considerably deeper at several locations.

The discrepancy between predicted depth and actual depth indicates either a hidden fault between these two generalized areas, or an unconformity of the marker bed of red clay, or an entirely separate stratigraphic unit. The existence of a separate stratigraphic unit cannot be established until sections are drawn and studied across this 3900E line. This data is now being assembled.

However, in ALL holes whose footage is reported herewith, the red clay bottom was reached and logged at or very close to the specified co-ordinates.

PERSONNEL

The actual drilling has been let out on contract to the following:

James Nibert, Nucla, Colorado
George Burbridge, Nucla, Colorado
Mal Pais Mining and Engineering Co., Grand Junction, Colorado

These three outfits are widely experienced, well known in the Colorado Plateau, and are especially conscientious in the matter of keeping logs and taking samples.

A full-time resident engineer, Philip W. Peter, (registered in Colorado), and a competent rodman-chainman, are on the ground at all times. For a week or ten days up to July 24th, a second registered engineer, I. R. Taylor, was assisting Peter in the matter of laying out drill sets, collecting logs and preparing working maps.

Attached hereto are five copies each of Forms MF-104 (Rev.) and MF-104A, April, 1952. In addition, we are enclosing such maps and data as we believe will indicate diligent prosecution of our contract with you.

Respectfully submitted,

THE URANIUM DEVELOPMENT CORP.

By Paul H. Keating
Paul H. Keating, Managing Director

PHK:mk
Enclosures

DEC 10 1962

Mr. Ben L. Wright, Jr., Trustee
438 Equitable Building
Denver 2, Colorado

Re: RMEA-2618 (Uranium)
Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Ldu-2632

Dear Mr. Wright:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development, dated October 31, 1959, all minerals mined or produced from November 24, 1952, to November 24, 1962, were subject to the Government's percentage royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any production therefrom. We, therefore, are closing our books and records on this contract.

Sincerely yours,

George Furnich, Jr.

Director

FMMurphy/mm
12-10-62
cc: Director's Reading File
Region III (2)
CAAA Division
Docket
Code 500

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

To: Uranium Development Corporation
620 E and C Building
Denver, Colorado

Pursuant to the provisions of Exploration Project Contract No. Idm-4452, dated November 24, 1952, (Docket No. DMA-2618), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made, has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows:

Results from the drilling program completed on the Blackfoot group of claims indicate that various commercially exploitable uranium-vanadium ore bodies exist within the three known ore-bearing horizons of the Morrison formation on these claims.

Dated: OCT 21 1953

10-19-53
cc to: Operator (Original)
Contract Administration & Audit Div.
Field Team (2 copies)
Finance Office
Rare & Misc. Metals Div.
Mails & Files (docket)
Mr. Irving Gumbel, Dir.
Materials Div., EPS
Adm. Reading File
Operating Committee
Mr. Hedges, Rm. 4604
Mr. Thayer, Rm. 5216, GSA
Mr. F. E. Johnson
Mr. Ellis
Mr. Murphy

THE UNITED STATES OF AMERICA

BY Frank E. Johnson
ACTING Administrator, Defense Minerals
Exploration Administration

OCT 22 1953

Mr. Murray Thomas, President
The Uranium Development Corporation
[illegible]
Denver, Colorado

Re: Docket No. [illegible]-2612 (Uranium)
Contract No. [illegible]-142
Blackfoot group of claims
Montrose County, Colorado

Dear Mr. Thomas:

Enclosed is a "Certification by the United States of America of a Discovery or Development Under an Exploration Project Contract." This certification covers all the land described in Article 2 of the above described contract.

By the terms of the Exploration Project Contract, as amended, upon the certification, all uranium and other valuable minerals produced from the claims described in Article 2 of the contract, from November 24, 1952, the date of the contract, are subject to the Government's percentage royalty as set forth in the contract until the sum which has been advanced as its participating interest is repaid, or until November 24, 1962, whichever occurs first.

Payments must be made to Mr. [illegible], Executive Officer, [illegible] Field Team, Section IV, 224 New Customhouse Building, Denver 2, Colorado. Checks should be payable to the Treasurer of the United States. The purchaser should be advised to deduct the royalties from the amount due on each shipment and forward the check directly to the Executive Officer. Any bonus payments or allowances received by you from the sale of ore are considered to be a part of the purchase price to which the Government's royalty applies. Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets, showing quantity and grade of the products sold, the name of the purchaser, and the price and charges, certified to be correct by the purchaser.

You are requested to notify Mr. [illegible] of any changes in ownership or production rights that might have any effect on the Government's right to its percentage royalty. Also, if production ceases at any time for an extended period, please notify Mr. [illegible] at six-month intervals that no production has been made, which is the case.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

Enclosure 1

Mr. Chambers, Rm. 1542
Mr. F. E. Johnson, Rm. 1621
Mr. Ellis
Mr. Murphy

Docket
Field Team, Section IV (2)
Mr. Hedges, Rm. 1606
Mr. Thayer, Rm. 1216, GSA

Murphy/lm/dt
10-19-53
cc to: Adm. Reading File
Gov. Committee

Mr. Irving Gurbel, Director
Materials Division
Emergency Procurement Service
General Services Administration Building, Rm. 5002
7th and D Streets, S. W.
Washington 25, D. C.

OCT 2 8 1953

Re: Docket No. [illegible]-2612 (Uranium)
Contract No. [illegible]-152
Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado

Dear Mr. Gurbel:

Enclosed is a copy of a certification of discovery or development of the captioned project. The Field Team's Final Report is not yet available. A copy of the report will be forwarded to you as soon as it is received in Washington, together with a brief summary of the work accomplished as a result of the exploration aid provided under this contract.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

[illegible]/[illegible]/[illegible]
10-19-53

Enclosure

cc to: Rm. Docket File
Operating Committee
Mr. Meiper, Rm. [illegible]
Mr. Thayer, Rm. 5216, GSA
Contract Adm. Audit Division
Docket Files Docket
Rare Inc. Metals Division
Mr. [illegible] Johnson
Field Team, Region [illegible] (2)

COPY

JAN 14 1954

Mr. Irving Gumbel, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration Bldg., Rm. 5002
7th and D Streets, S. W.,
Washington 25, D. C.

Re: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
Blackfoot Group of claims
Montrose County, Colorado

Dear Mr. Gumbel:

This is with reference to our letter dated October 22, 1953, to you, at which time I advised that a copy of the final Field Team report on the captioned project would be forwarded as soon as it was received in Washington.

As the procedure of forwarding copies of the final Field Team report has been discontinued in favor of a brief description of the work provided for in the contract, and work and results accomplished, we are setting forth this information below:

The project contract was dated November 24, 1952, with Government participation to the extent of 90 percent in an exploration project estimated to cost $21,744.45, (Government share $19,570.00). Project work under the contract was completed on August 12, 1953. A final audit of the expenditures made during the life of the contract shows that the total amount of Government participation, or $19,570.00, was expended.

The contract authorized 16,107 feet of wagon drill holes at $1.35 per foot. The total footage allowed under the contract was completed.

The work resulted in a discovery of approximately 3,000 tons of ore averaging 0.15 to 0.18 percent U_3O_8.

Sincerely yours,

E. O. Mittendorf

Administrator

FMMurphy/gla
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. HDKeiser, RM. 3641
APButler, Jr., Rm. 3212, GSA

Mr. Ellis
Mr. Murphy
DMEA Field Team, Region IV (2)
Mr. Chambers
Frank E. Johnson

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 12 1953

Final Report

To The

Defense Minerals Exploration Administration, Region IV
Denver, Colorado

From

The Uranium Development Corp.
620 E&C Building
Denver, Colorado

Docket 2618
Contract No.
Idm-E452.

The drilling program on this contract was completed August 12, 1953. A total of 16107 Ft. was drilled, distributed among 203 holes, scattered in a geometric pattern over the Blackfoot Group of Claims, Vixen Mining District, Montrose County, Colorado.

Sixty holes were found to be mineralized, either from the cuttings recovered, or by a "Babbel Counter" probe. The probing was done immediately after the drilling was completed.

Fourteen holes showed commercial grade ore, and two holes showed "high grade" in addition.

One of these holes, at 5400N-2500E, yielded cuttings from 21 to 21.5 Ft. that assay 3.0% U_3O_8. Cuttings from the hole at 6100N-3250E, at a depth of 41 Ft., assay 1.5% U_3O_8.

Of particular interest is an area on the Fairy King claim, extending from 2500E to 3500E, and from approximately 5400N to 5600N. Almost every hole in this general area showed mineralization to some degree.

It is unthinkable that each of these holes is an isolated island of mineralization. The area therefore justifies a reasonable amount of development-drilling by the Corporation.

Attached is a copy of "Annex No. 2", which was a part of the original contract under which this work was done. This copy has been re-arranged, and upon it there is now tabulated all of the holes that were drilled, showing Predicted Depth vs. Actual Depth; Mineralized holes at specified depths; and Assays of cuttings, or indications of probing.

Also enclosed is a colored map of the area drilled.

- - - - -

It is the belief of the Corporation that this drilling program has greatly increased the potential of the Blackfoot group for the production of Uranium. The undersigned wishes to express to the DMEA, the U. S. Bureau of Mines, the U. S. Geological Survey, and the Atomic Energy Commission the Corporation's appreciation for the aid received in this program.

Very truly yours,

THE URANIUM DEVELOPMENT CORP.

By Paul H. Keating

Paul H. Keating,
Managing Director

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 1 0 1953

No. 1

AMENDMENT OF CONTRACT: No. Idm-E452

Contract Docket No. DMEA 2618, dated November 24, 1952, between the United States of America and Uranium Development Corporation is hereby amended as follows, effective as of the date of said contract:

> Referring to "Article 3. Exploration Project" of Exploration Project Contract Form MF-200(A), delete "within 60 days from the date of this contract" and in lieu thereof insert "prior to September 1, 1953," delete "8 months" and in lieu thereof insert "sixteen (16) months."

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum."

Dated: JUL 1 0 1953

URANIUM DEVELOPMENT CORPORATION

By Murphy Thomas
Jean Coltvriendt Secy.

UNITED STATES OF AMERICA

By W. H. King
W. H. King
Executive Officer - DMEA
Field Team, Region IV

THE URANIUM DEVELOPMENT CORPORATION

620 E. and C. Building - Denver 2, Colo.

June 25, 1953

Mr. W. H King, Executive Officer
DMEA Field Team, Region IV
U. S. Department of the Interior
224 New Customhouse
Denver 2, Colorado

COPY

RE: Exploration Project Contract Idm-E452

Dear Mr. King:

This letter is in response to your letter of June 10th, 1953, addressed to Mr. Murphy Thomas, President of The Uranium Development Corporation.

We note from your letter that "Article 3. Exploration Project" stipulates that work done pursuant to the execution of a proper contract is to be completed within 8 months of the date of the contract, or by July 24, 1953.

You are hereby advised that we have as yet been unable to establish our title to the claims listed in the above named contract but are still desirous of performing the exploration work under the terms thereof.

In view of this situation, it is necessary for us to obtain an amendment to the contract to extend the completion date of the work.

You are now advised that we have obtained a lease on said claims specified therein so that it is our understanding that we may now proceed to obtain the loan for which we applied. Copy of our lease is hereto attached which you may examine and make the necessary memoranda therefrom. If we require this copy of the lease for future use, I may need to request the return of the same. Anyway, may we please have the contract properly amended before it is too late so that we can obtain our exploration loan.

Very truly yours,

THE URANIUM DEVELOPMENT CORPORATION

By: /s/ Claude W. Blake

Claude W. Blake, Attorney

CWB:mk
Encl.

Uranium

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 18, 1952

REGISTERED

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
DEC 2 1952

Mr. Murphy Thomas, President
The Uranium Development Corporation
620 E and C Building
Denver, Colorado

Dear Mr. Thomas:

It has recently been brought to our attention that you do not have clear title to the claims on which you propose to do work under Exploration Project Contract Idm-2452. [DMEA-2618]

We have been informed that all of Section 2, all of Section 3, the NE¼ and the NW¼ of the SE¼ of Section 10, and the N½ of Section 11 all in T 47 N., R 17 W., NMPM, Colorado were included in Power Site Classification No. 110, effective June 25, 1925. Two of your claims were located in 1929, the remainder in 1940. The Power Site withdrawal constituted a withdrawal of this land from the Public Domain; therefore any claims located in the above sections are not valid. All of Sections 10 and 11 in T 47 N., R 17 W. were withdrawn through Public Land Order 698, effective February 12, 1951. This order reserved these described public lands for the use of the Atomic Energy Commission.

You should not start work under the terms of Contract Idm-2452 until such time as you have clear title to the claims involved.

We will hold your Exploration Project Contract in abeyance for a reasonable length of time to enable you to perfect your title. Please inform this office regarding your plans.

Very truly yours,

John F. Shaw

John F. Shaw, for
W. H. King
Executive Officer, DMEA Field Team
Region IV

cc COMittendorf

Docket No. DMEA 2613

Commodity Uranium

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration, under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 492

Date of Contract ~~or Amendment~~: November 24, 1952

Name and Address of Operator:

Uranium Development Corporation (A Colorado Corp.)
625 B and C Building,
Denver, Colorado

Amount of Government participation $ 29,570.00

Percent of Government participation 90 %

Region: IV State: Colorado

(Name)

E. D. Tolbert,
Acting Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. November 24, 1952

13808

MF-200 (A)
(February 1952)

Department of the Interior
Defense Minerals Administration

DOCKET NO. DMEA 2618

COMMODITY Uranium

Contract No. Idm-E452

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 24th day of November, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Uranium Development Corporation - A Colorado Corporation
620 E and C Building
Denver, Colorado

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Colorado, County of Montrose, described as follows:[3]

See Annex No. 1 attached

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:

None

~~(b) That the Operator is the owner, in possession and entitled to possession, and the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:~~

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Uranium

in or upon the described land; and shall bring the project to completion within a period of 8 months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay ninety (90) percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $19,570, which is ninety (90) percent of $21,744.45, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

The Uranium Development Corp.
(Operator)

By Murphy Thomas

THE UNITED STATES OF AMERICA

By W. H. King
Executive Officer, Field Team
DMEA - Region IV

I, Jean Cortvriendt, certify that I am the secretary of the corporation named as Operator herein; that Murphy Thomas, who signed this contract on behalf of the Operator, was then President of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Jean Cortvriendt [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

Annex No. 1

Name	Recorded Book No.	Recorded Page No.	Date Filed	County
Gray Fox	201	287	7/4/29	Montrose
Rattlesnake	201	289	7/4/29	Montrose
Big Basin #1	201	571	3/15/40	Montrose
Big Basin #2	201	572	3/15/40	Montrose
Fairy King	213	206	10/8/40	Montrose
Red Fox	213	210	10/8/40	Montrose
Rim Rock Queen	213	211	10/8/40	Montrose
Blackfoot	213	212	10/8/40	Montrose
Good Hope	213	213	10/10/40	Montrose

EXHIBIT "A"

Description of the Work

The work consists of wagon drilling 235 holes for a total footage of 16,107 feet. The holes to be located on a grid pattern with centers of 100 and 150 feet as shown on Figure 2 and Annex 2 attached hereto and hereby made a part of Exhibit "A".

Bulldozing for drill sites, sampling and any and all other work appertaining to the completion of the holes listed by hole coordinates in the attached list, Annex 2, is included in the work.

Figure 2, which is attached and made a part of Exhibit "A" shows the tentative location of the drill holes. If in the opinion of the DMEA representative the results of some of the drill holes indicate that the location of some subsequent holes should be changed, the locations of these holes may be changed with prior written approval of the DMEA representative.

Estimated Costs of the Work

Wagon drill 235 holes for a total footage of 16,107 feet at $1.35 per foot -	$21,744.45
This cost per foot includes bulldozing, drill sites, labor, supervision, sampler, sampler supplies, materials, repairs, depreciation and any and all other costs of completing the project.	
Total cost -	$21,744.45
Government participation - 90%	$19,570.00

ANNEX #2

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
5000	2000	105	Fairy King
5100	2000	100	" "
4800	2100	80	" "
5000	2100	92	" "
5200	2100	105	" "
4900	2150	84	" "
5100	2150	92	" "
4700	2250	80	" "
4800	2250	79	" "
4900	2250	83	" "
5000	2250	86	" "
5100	2250	88	" "
5200	2250	92	" "
5300	2250	95	" "
4800	2350	83	" "
5000	2350	85	" "
5200	2350	92	" "
5400	2350	103	" "
4900	2400	84	" "
5100	2400	87	" "
5300	2400	94	" "
4900	2500	87	" "
5000	2500	84	" "
5100	2500	87	" "
5200	2500	90	" "
5300	2500	93	" "
5400	2500	100	" "
5500	2500	119	" "
5100	2600	80	" "
5300	2600	85	" "
5500	2600	114	" "
5000	2650	74	" "
5200	2650	79	" "
5400	2650	94	" "
5600	2650	120	" "
5100	2750	65	" "
5200	2750	68	" "
5300	2750	74	" "
5400	2750	88	" "
5500	2750	106	" "
5600	2750	120	" "
5000	2850	82	Big Basin No. 2

Hole Coordinates North	East	Estimated Depth Feet	Claim
5200	2850	67	Fairy King
5400	2850	76	" "
5600	2850	110	" "
5800	2850	120	" "
6000	2850	120	Good Hope
6200	2850	121	" "
5100	2900	66	Big Basin No.2
5300	2900	70	Fairy King
5500	2900	89	" "
5700	2900	106	" "
5900	2900	115	" "
6100	2900	120	Good Hope
5000	3000	90	Big Basin No.2
5100	3000	66	" " " "
5200	3000	66	" " " "
5300	3000	67	Fairy King
5400	3000	68	" "
5500	3000	72	" "
5600	3000	82	" "
5700	3000	94	" "
5800	3000	102	" "
5900	3000	106	" "
6100	3000	115	Good Hope
6200	3000	117	" "
6300	3000	115	" "
6400	3000	84	" "
6500	3000	66	" "
5100	3100	74	Big Basin No. 2
5300	3100	68	Red Fox
5500	3100	66	Fairy King
5700	3100	85	" "
5900	3100	107	" "
6100	3100	112	Good Hope
6300	3100	108	" "
6500	3100	75	" "
5000	3150	94	Big Basin No.2
5200	3150	73	Red Fox
5400	3150	63	Fairy King
5600	3150	70	Rattlesnake
5800	3150	100	"
6000	3150	107	"
6200	3150	110	"
6400	3150	90	"
6600	3150	74	"
5000	3250	99	Big Basin No.2
5100	3250	83	" " " "
5200	3250	79	" " " "
5300	3250	70	Red Fox
5400	3250	60	" "

Hole Coordinates North	East	Estimated Depth Feet	Claim
5500	3250	58	Rattlesnake
5600	3250	60	"
5700	3250	73	"
5800	3250	97	"
5900	3250	110	"
6000	3250	117	"
6100	3250	108	"
6200	3250	103	"
6300	3250	100	"
6400	3250	95	"
6500	3250	87	"
6600	3250	78	"
6700	3250	68	"
6800	3250	48	"
5000	3350	85	Big Basin No. 2
5200	3350	74	" " " "
5400	3350	55	Red Fox
5600	3350	53	Rattlesnake
5800	3350	81	"
6000	3350	101	"
6200	3350	95	"
6400	3350	85	"
6600	3350	77	"
6800	3350	60	"
5100	3400	73	Big Basin No. 2
5300	3400	56	Red Fox
5500	3400	51	,Rattlesnake
5700	3400	57	"
5900	3400	88	"
6100	3400	92	"
6300	3400	86	"
6500	3400	78	"
6700	3400	75	"
6900	3400	65	"
5000	3500	63	Big Basin No. 2
5100	3500	66	" " " "
5400	3500	47	Red Fox
5500	3500	45	Rattlesnake
5600	3500	42	"
5700	3500	45	"
5800	3500	58	"
5900	3500	72	"
6000	3500	77	"
6100	3500	81	"
6200	3500	83	"
6300	3500	77	"
6400	3500	70	"
6500	3500	72	"

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
6600	3500	76	Rattlesnake
6700	3500	78	"
6800	3500	74	"
6900	3500	67	"
5100	3600	61	Big Basin No. 2
5700	3600	29	Rattlesnake
5900	3600	50	"
6100	3600	65	"
6300	3600	58	"
6500	3600	64	"
6700	3600	62	"
6900	3600	58	"
5000	3650	57	Big Basin No. 2
5600	3650	34	Rattlesnake
5800	3650	28	"
6000	3650	49	"
6200	3650	60	"
6400	3650	45	"
6600	3650	51	"
6800	3650	55	"
5000	3750	52	Big Basin No. 2
5100	3750	53	" " " "
5900	3750	18	Rattlesnake
6000	3750	30	"
6100	3750	40	"
6200	3750	44	"
6300	3750	30	"
6400	3750	22	"
6500	3750	30	"
6600	3750	34	"
6700	3750	39	"
6800	3750	43	"
6900	3750	48	"
5000	3850	42	Big Basin No. 2
6000	3850	20	Red Fox
6200	3850	48	" "
6400	3850	38	Blackfoot
6600	3850	28	"
6800	3850	35	"
5100	3900	35	Big Basin No. 2
6100	3900	40	Blackfoot
6300	3900	35	Red Fox
6500	3900	30	Blackfoot
6700	3900	31	"
4700	4000	44	Gray Fox
4800	4000	38	" "
4900	4000	33	" "
5000	4000	28	" "

Hole Coordinates North	East	Estimated Depth Feet	Claim
5100	4000	23	Gray Fox
5200	4000	32	" "
5300	4000	52	" "
5400	4000	70	" "
5500	4000	77	" "
5600	4000	70	" "
5700	4000	40	" "
5100	4100	29	" "
5300	4100	40	" "
5500	4100	80	" "
5700	4100	56	" "
5000	4150	34	" "
5200	4150	31	" "
5400	4150	30	" "
5600	4150	80	" "
4900	4250	45	" "
5000	4250	38	" "
5100	4250	37	" "
5200	4250	30	" "
5300	4250	21	" "
5400	4250	70	" "
5500	4250	83	" "
5600	4250	87	" "
5700	4250	79	" "
5800	4250	28	" "
5100	4350	69	" "
5300	4350	73	" "
5500	4350	20	" "
5700	4350	27	" "
5000	4400	29	" "
5200	4400	18	" "
5400	4400	53	" "
5600	4400	72	" "
5800	4400	38	" "
4800	4500	33	" "
4900	4500	38	" "
5000	4500	40	" "
5100	4500	26	" "
5400	4500	41	" "
5500	4500	60	" "
5600	4500	62	" "
5700	4500	63	" "
5800	4500	55	" "
5900	4500	38	" "
6000	4500	21	" "
6100	4500	19	" "
6200	4500	19	Rim Rock Queen
6300	4500	20	" " "
	Total footage	16,107	

DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE | Idm-E NO. ~~2618~~ 452 | DMEA NO. ~~452~~ 2618

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [x] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [x] Royalty Audits
- [x] Certification of Discovery
- [ ] Closing Letter
- [x] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [x] Project summary (final)
- [x] Work Comoleted analysis (final)
- All other material filed in chronological order including the following reports if checked:
- [ ] Field Team Semi-Annual Report for Certified Project
- [x] Final Field Team Report (Tab)
- [x] Operator's Final Report (Tab)
- [x] Interim Field Team Reports
- [x] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. 2 : Reports
- [x] Analysis ~~of Semi~~-Annual Inspection Reports & FT ~~semi~~-annual reps.
- [ ] Project Summary (Interim) by DMEA Engineers on Cert Project

Right Side

- [ ] Field Team Semi-Annual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with transmittal, narrative and maps.
- [x] Settlement Sheets

Folders No. _____ : Maps (Use pocket folder or envelope)

Folders No. _____ : Settlement Sheets

Folders No. _____ : Drill Logs

Folders No. _____ : Royalty material

17963

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-E452, Docket DMEA-2618 (uranium) dated November 24, 1952, with

The Uranium Development Corporation
1645 Court Place
Denver, Colorado

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Blackfoot group of claims located in Montrose County, Colorado, during the period May 10, 1960, through December 20, 1961.

A certification of discovery or development was issued on October 21, 1953, and, in accordance with Article 6 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated October 23, 1953, indicated accepted costs under the exploration contract amounting to $21,744.45 with the Government's contribution on a 90 percent basis being $19,570.00.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established the total sales of uranium ore for the period to be $14,547.38. Royalty payable the Government at rates specified in the contract is $726.39.

A prior Report of Royalty Review found the sales subject to Government royalty through May 9, 1960, to be $195,397.10 which added to the sales for this subsequent period make a total of $209,944.48. The royalty account as of May 9, 1960, was:

Total Royalty Payable	$ 9,728.12
Total Royalty Paid	9,769.89
Overpayment of Royalty	$ 41.77

As of December 20, 1961, the royalty account of this project was found to be:

Total Royalty Payable	$10,454.51
Total Royalty Paid	10,497.27
Overpayment of Royalty	$ 42.76

January 3, 1962

E. D. Talbert, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

At the time this exploration project was executed, the Operator held possession of the nine unpatented claims thereunder by virtue of an October 29, 1951, conditional contract of purchase from Leo Fagan and Imogene Fagan, Nucla, Colorado. The claims, in whole or part, however, were in conflict with both Power Site Classification No. 110, effective June 24, 1925, and Public Land Order 698, dated February 12, 1951, by which certain lands were withdrawn from mineral entry and reserved for AEC use. In order to assure sufficient interests in the property for the purposes of the exploration project contract, during June 1953 the Operator obtained a lease, retroactive to October 29, 1951, from the AEC. The exploration work was performed during July and August of 1953.

The files indicate that during October 1957 the lease was cancelled by AEC and location certificates were recorded by the Operator during November and December 1957. Thereafter, because of default under the 1951 purchase contract, the Operator entered into a May 1, 1958, agreement to deliver a deed to Ben L. Wright, Jr., 718 Symes Building, Denver 2, Colorado, "as Trustee for Leo F. Fagan, Imogene Fagan and himself as they may have agreed among themselves". The quit-claim deed, which was dated May 1, 1958, and filed for record on August 19, 1958, did not warrant title to the mining claims. The agreement to convey, but not the deed, states that "this conveyance is made subject to all of the rights of the D.M.E.A."

In the meantime, that is during February and March 1958, the Four Corners Oil & Minerals Co., Uranium Center Building, Grand Junction, Colorado, and Richard V. Ensle, Grand Junction, Colorado, overstaked all or a part of the claims under the exploration project by posting notices of location under the claim names of San Miguel Nos. 1 to 15, inclusive. This conflict has been under litigation since September 1959, when Four Corners and Ensle entered complaint before the Bureau of Land Management. This contest was dismissed approximately a year later. In September 1961, however, the contestants filed complaint in the District Court for Montrose County, Colorado.

This review included a recomputation and tabulation of copies of Vanadium Corporation of America and Climax Uranium Company settlement sheets covering sales of production during the period subsequent to May 9, 1960. The tabulation is filed with my audit workpapers. The last settlement included is Climax Uranium Company's October 6, 1961, liquidation number 4898.

A summary of the tabulation, combined with the findings of the prior Report of Royalty Review, dated May 10, 1960, follows:

	5/10/60 to 12/20/61	11/24/52 to 5/9/60	Totals
Production Sold:			
Short Dry Tons	477.56	5,371.757	5,849.13
Pounds - U_3O_8	2,577.34	30,802.23	33,379.57
V_2O_5	12,205.74	170,573.69	182,579.43
Proceeds:			
U_3O_8 - Base	$ 8,955.88	$104,968.67	$113,924.55
Premiums	519.01	8,156.72	8,675.73
Development	1,288.70	15,401.11	16,689.81
Haulage	-	5,212.40	5,212.40
Bonus	-	9,564.11	9,564.11
V_2O_5	3,783.79	52,871.46	56,655.25
Penalties	-	- 777.37	- 777.37
Total	$14,547.38	$195,397.10	$209,944.48
Royalty:			
Payable	$ 726.39	$ 9,728.12	$ 10,454.51
Paid	727.38	9,769.89	10,497.27
Overpaid	$ .99	$ 41.77	$ 42.76

The overpayments of royalty were made on the following settlements:

Date	No.	SDT	Proceeds Total	Proceeds Per SDT	Royalty Rate	Royalty Payable	Royalty Paid
12/26/56	6994	60.54	$675.97	$11.17	4½%	$30.42	$33.79
4/27/57	4-0-95	133.57	1,096.89	8.21	1½%	16.45	54.85
10/6/61	4898	17.81	198.82	11.16	4½%	8.95	9.94

The first and second of the above listed settlements were made in the name of the Operator. The last was in the name of K.C. Mining Company.

As stated in the prior Report of Royalty Review, the property under the contract became inactive during March 1959 because of the contest before the Bureau of Land Management. After dismissal of the contest, production from the Fairy King and Blackfoot claims was resumed by Clifton H. Carter and/or Kenneth McBride, d/b/a K. C. Mining Company, Box 294, Naturita, Colorado, and Joe Baldwin, Nucla, Colorado, respectively, under leases granted by Ben L. Wright, Jr.,

Trustee, during February and March 1961. Production again was discontinued during September 1961, due to initiation of civil action in the District Court of Montrose County.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) All known production has been accounted for and proper royalty thereon paid, except as set forth above;

(2) The property has been inactive since March 1959, except for production by lessees during the period of March 1961 to September 1961; and

(3) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address
Benjamin L. Wright, Jr. Trustee Assignee
718 Symes Building, Denver 2, Colorado

Uranium Development Corporation Assignor

Contract No.	Docket No.
E452	DMEA 2618

Prepared by (Signature)	Date
T M Romslo	December 20, 1961

T. M. Romslo

Yes	No		
		1. (a)	Does the Operator stockpile ore subject to royalty repayment?
		(b)	If so, is segregation and identification procedure adequate?
		2. (a)	Does the Operator commingle production subject to DMEA or OME royalties with exempt production?
		(b)	If so, is the allocation of the commingled production equitable?
		3. (a)	Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?
		(b)	If so, are adequate records maintained on such material to protect the Government's interest?
		4.	Are the assay controls in effect adequate?
		5.	Does the manner of disposing of production give the Government its fair royalty returns?
		6.	Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?
		7.	Does the Operator buy from or sell to other Operators?
		8.	Current status of property. (Check one).
			Operating.
	X		Inactive.
			Abandoned.

Sept. 1961 Date of last production if not operating. Liq. No. 4898

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:
This property was inactive from March 1959 to March 1961 because of the contest of ownership before the Bureau of Land Management and after September 1961 because of civil action in the District Court of Montrose County. Mr. Wright's secretary, today advised this office that further patenting of claims concerned with the civil action is presently in progress.

84861-60

Murphy
225

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Office of Minerals Exploration, Washington, D. C., and the Acting Field Officer, OME Region III, Denver, Colorado, pertaining to Contract No. Idm-E452, Docket No. DMEA-2618 (Uranium), dated November 24, 1952, with

Uranium Development Corporation
620 E & C Building
Denver, Colorado

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as the Blackfoot group of claims located in Montrose County, Colorado, during the period January 5, 1956, through May 9, 1960.

A certification of discovery or development was issued on October 21, 1953, and, in accordance with Article 6 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review in lieu of final audit dated October 23, 1953, indicated accepted costs under the exploration contract amounting to $21,744.45 with the Government's contribution, on a 90 percent basis, being $19,570.00.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established the total sales of uranium ore for the period to be $61,619.86. Royalty due the Government at rates specified in the contract is $3,039.25.

A prior Royalty Audit Report dated January 30, 1956, found the sales subject to Government royalty through January 4, 1956, to be $135,777.24 which added to the sales for this subsequent period make a total of $195,397.10. The royalty account as of January 4, 1956, was:

Total Royalty Due	$6,688.87
Total Royalty Paid	5,100.32
Balance of Royalty Due	$1,588.55

At May 9, 1960, the royalty account of this project was found to be:

Total Royalty Due	$9,728.12
Total Royalty Paid	9,769.89
Overpayment of Royalty	$ 41.77

C. E. Fisher

May 10, 1960

C. E. Fisher, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

There has not been any mining on this property since March 1959 because of a contest before the Bureau of Land Management respecting ownership of the claims involved.

My review included a tabulation and recomputation of liquidation sheets covering sale of ore on file in the office of the Acting Field Officer, OME Region III, and verification with deposits made of royalty receipts. This tabulation is filed with my audit workpapers. The last royalty included in the tabulation covered a sale by Thermer R. Labrum, lessee, covered by Union Carbide Nuclear Co., liquidation No. 9251, dated March 22, 1959.

A summary of production, sales, and royalty received, together with a list of overpayments is shown on Schedule "A".

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) Review of inspection reports submitted by representatives of the Field Team, Region III, and other correspondence and documents in the files indicates that all production has been reported and proper royalty (except for the overpayments aggregating $41.77) has been paid to the Government; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

Schedule "A"

Idm-E452 | Uranium Development Corporation | DMEA-2618

Summary of Production and Sales

Production sold

Short wet tons	5631.587
Short dry tons	5371.757
U_3O_8 - Pounds	30802.23
" - Pounds in excess of 4/SDT	10309.11
" - " " " " 10/SDT	1698.57
V_2O_5	170373.69

Proceeds from sale

U_3O_8 - Base payment	$104,968.67
" - Premium excess 4#/SDT	7,732.08
" - " " 10#/SDT	424.64
Development allowance	15,401.11
Haulage allowance	5,212.40
V_2O_5	52,871.46
Lime penalty	(777.37)
Total Receiving Stations	$185,832.99
AEC Bonus payments	9,564.11
Total proceeds	$195,397.10
Royalty due	$ 9,728.12
Royalty paid	9,769.89
Overpayment of royalty	$ 41.77*

* Comprised of the following:

			Proceeds		Royalty paid		Royalty due	
Liq.No.	Date	SDT	Amount	Per SDT	Rate	Amount	Rate	Amount
6994	12/27/56	60.54	$ 675.97	$11.17	5%	$33.79	4½%	$30.42
4-0-95	4/27/57	133.57	1,096.89	8.21	5%	54.85	1½%	16.45
		Total royalty				$88.64		$46.87
		Overpayment						41.77
								$88.64

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Uranium Development Corporation

Address 620 E & C Building

Denver, Colorado

Exploration Contract No. Idm-E452 Docket No. DMEA-2618

			Check One Yes	Check One No
1.	(a)	Does the Operator stockpile ore subject to royalty repayment?		X
	(b)	If so, is segregation and identification procedure adequate?		
2.	(a)	Does Operator commingle production subject to DMEA or OME royalties with exempt production?		X
	(b)	If so, do you consider the allocation of the commingled production equitable?		
3.	(a)	Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?		X
	(b)	If so, are adequate records maintained on such material to protect the Government's interest?		
4.		Do you consider the assay controls in effect are adequate?	X	
5.		Do you consider that the manner of disposing of production gives the Government its fair royalty returns?		
6.		Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?	X	
7.		Does the Operator buy from or sell to other Operators?		X
8.		Comment on any item 2 (b) to 6 if answer is No.		

There has not been any production from this property since March, 1959, due to contest before the Bureau of Land Management involving allegations of interest in the various claims by other parties.

May 10, 1960
Date

Hugh M. Connors
~~Mining Engineer~~
Actg. Field Officer, OME, Region III

2618

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

RECEIVED
FEB - 2 1956

FINAL ROYALTY AUDIT CERTIFICATE

I have examined the records and sales documents pertaining to the sale of Uranium and Vanadium Ores for the period November 24, 1952 through January 4, 1956, by the

Uranium Development Corporation
620 U. & C. Building
Denver, Colorado

produced from a project commonly known as the Blackfoot Claims located in Montrose County, Colorado, under the terms of Contract Idm-2452, Docket No. DMEA-2618.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit established the total net sales of Uranium and Vanadium for the period to be $133,777.24. Royalty due the United States Government at the contract rate of 5% is $6,688.87.

The royalty paid and balance due are as follows:

Total Royalties Due	$6,688.87
Total Royalties Received	5,100.32
Balance of Royalties Due	$1,588.55

Donald T. Finch
Donald T. Finch, Auditor

January 30, 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant _____

Docket No. _____

Commodity _____

Amount $ _____

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

_____
Member, Bureau of Mines

_____
Member, Geological Survey

13759

RECEIVED
FEB - 2 1956

FIRST ROYALTY AUDIT REPORT

I - INTRODUCTION

On January 16, to 24, 1956, an audit of royalty due and received, covering the period November 24, 1952 through January 4, 1956, was made of the production records and ore sales accounts pertaining to Contract Idm-E452, Docket No. DMEA-2618, with the

Uranium Development Corporation
620 E. & C. Building
Denver, Colorado

covering a project of exploration for Uranium located in Montrose County, Colorado, and commonly known as the Blackfoot Group of Claims.

The general books of the corporation were located, at the time of the audit, at Room 620, E. & C. Building, Denver, Colorado.

During the course of the audit conferences were held with Mr. Claude W. Blake, Secretary, Director and Attorney for the corporation. Mr. Blake's cooperation is gratefully acknowledged.

II GENERAL INFORMATION

The Exploration Contract dated November 24, 1952 authorized a total cost of $21,744.45 with Governmental participation at 90%, or $19,570.00. A Report of Review by Mr. T. H. Brading, DMEA Auditor, dated October 23, 1953 shows total accepted costs and participation by the Government were equal to the total contract authorization.

A Certificate of Discovery was issued by DMEA on October 21, 1953. The property involved is described in the Exploration Contract and consists of the following claims:

Gray Fox, Rattlesnake, Big Basin No. 1,
Big Basin No. 2, Fairy King, Red Fox,
Rim Rock Queen, Blackfoot and Good Hope

Subsequent to a routine field check of this project, Mr. M. H. Salsbury, Mining Engineer, U.S.B.M., addressed a memorandum to the auditor which indicated the Uranium Development Corporation had made some sales of uranium ores which might be subject to DMEA royalties but which had not been reported to the DMEA. Such indications were based on incomplete records of the Geological Survey at its field office in Uravan, Colorado.

Considerable pre-audit analysis of royalties received, as shown by the records of Executive Officer, DMEA Field Team, Region III, was performed on July 8 to 11, 1955. Contact at that time with Mr. Blake, Attorney for the corporation, disclosed that control of the corporation had recently changed hands and that a new Board of Directors and Officers were to be elected July 15, 1955. In view of this situation, the commencement of the on-site audit was deferred until July 28, 1955.

Preliminary examination of the corporation's records on July 28, 1955 indicated the corporation had not made a report or paid royalties on production from the Blackfoot, Red Fox and Gray Fox Claims, all of which were listed in the Exploration Contract. The company was advised by the Executive Officer of the DMEA Field Team in a letter dated July 28, 1955, that under the provisions of Article 6 of the Exploration Contract royalties were due on the production from the foregoing claims and requested payment.

The company addressed an appeal from this request on August 25, 1955. The appeal was referred to the Operating Committee and on December 9, 1955 the Administrator of DMEA notified the Corporation its appeal had been considered with negative results and that it was the opinion of the Administrator the Corporation was liable for the royalties as previously requested. The attorney for the Corporation advised the Administrator on December 20, 1955 that copies of settlement sheets for all shipments of ore from the claims listed in the Exploration Contract made subsequent to November 24, 1952, which had not been previously reported, would be furnished the DMEA office at Denver.

The on-site audit of the company's records was resumed on January 16, 1956. The general books and records of production for the period November 24, 1952 through July 7, 1955 are at present at Mr. Blake's office. It is understood that memorandum records for the period subsequent to the change in corporate ownership have been kept by an accountant engaged by Mr. Louis Avant, Treasurer for the Corporation, whose address is in care of San Michael's College Foundation, Route 1, Santa Fe, New Mexico.

Production and royalty data reflected in this audit report for the later period from July 7, 1955 through January 4, 1956 are based on examination of copies of liquidation settlement sheets submitted by ore purchasers directly to the Executive Officer, DMEA Field Team, Region III.

The books and records of production as maintained by the Corporation for the period November 24, 1952 through July 7, 1955 are a record of cash receipts and disbursements. Side records of production which appear to be very complete would have been materially improved had production entries been identified by purchasers' liquidation numbers. The complexity of the problem was further enhanced by the fact that production was accomplished by various lease agreements. In some instances production was sold under the Corporation's A.E.C. license number, and in other instances it was sold under various lessees' A.E.C. license numbers.

It is understood that at the present time all production is being sold under the Corporation's license number, and all purchasers have been instructed to furnish copies of liquidation settlements accompanied with DMEA royalty payments directly to the DMEA Field Team, Region III. During the course of the audit seven additional liquidation settlement sheets which had not previously been reported to the DMEA were discovered. Mr. Blake granted the auditor permission to have photo copies made of these items for the files of the DMEA. The Corporation's copies of these sheets were returned to Mr. Blake by the Auditor during the conference at the conclusion of the audit.

III. SCOPE OF AUDIT AND FINDINGS

The audit was limited to determining the accuracy and propriety of royalty payments, received by the Finance Officer, which were applicable to production and sales of ores during the period November 24, 1952 through January 4, 1956, and a determination that all indicated sales of ores subject to DMEA royalty under the Exploration Contract and Amendments, for which settlement sheets have been released, have been properly accounted for.

The extent of the audit and the findings follow: -

A. Conference with the Examining Engineer, U.S.E.M.

At the present time the examining engineer for this project is stationed at Grand Junction, Colorado. The Auditor, therefore, reviewed the matter in detail with the Executive Officer of the DMEA Field Team, Region III. During this conference it was pointed out that production determined by the audit was substantially reconciled with the production shown by the Grand Junction Field Office of the Atomic Energy Commission.

In view of this reconciliation and also the complexity of the situation, as previously outlined, both the Executive Officer and the Auditor are of the opinion that securing at this time an "Engineer's Check Sheet" from the examining engineer would be of doubtful value. The securing of such check sheet has, therefore, been deferred until the next royalty audit of this project.

B. Audit of Settlement Statements

During the audit itemized statements of production, sales and royalties were prepared from copies of "Ore Settlement Sheets" received by the Executive Officer, DMEA Field Team, Region III. Separate statements were prepared for each claim by purchaser. A condensed summary of this statement is made a part of this report as Schedule I. The itemized detail of these statements are filed as part of the audit working papers.

Discussion of the data in the condensed summary and the degree of confirmation follows:

Gross Weight in Pounds - 6,199,444 lbs.

Gross weight in pounds represents the total weight shown on the ore settlement sheets. This item is a total of individual lots. Where detail lots were shown on settlement sheets or on supporting load detail sheets, such total weights were recomputed. In many instances, however, detail load sheets were not available in either the company's or the Executive Officer's files. It is recommended that the producer be required to secure extra copies for submission to the DMEA in case of all future production.

Dry Weight in Pounds - 5,895,434 lbs.

This item is the total of the dry weights shown on the ore settlement sheets. Average moisture percentage as determined by assays was reflected on each settlement sheet. All such computations for the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Dry Weight in Tons - 2,947.717 Tons

Dry weight in tons was recomputed during the audit to determine the value per ton of ore and the applicable percentage of DMEA royalty. Examination of Schedule I shows that in this case all DMEA royalty was at the rate of 5% of the total value subject to royalty.

Settlement Assays: Uranium (U_3O_8), Vanadium (V_2O_5)

Settlement assays shown on Schedule I of this report are weighted averages, computed during the audit from data shown on the individual settlement sheets.

Pounds (U_3O_8) - 20,311.63 lbs.
Pounds (V_2O_5) - 107,856.88 lbs.

These items represent the total pounds of each compound as shown on the settlement sheets, and is determined by applying the applicable assay grade to the dry pounds of ore. All computations as shown on each settlement sheet for the period under audit were recomputed during the audit.

Payments for (U_3O_8) - $70,708.95
Payments for (V_2O_5) - $33,410.48

All base payments for U_3O_8 were at the A.E.C. established prices. Prices paid for U_3O_8 ranged from $1.70 to $3.50 per lb., according to grade. Payments for V_2O_5 were at the rate of 31¢ per lb. All extensions for these payments during the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Development Allowance - $10,156.07

Development allowance was paid at the A.E.C. prescribed rate of 50¢ per lb. of U_3O_8. All computations of development allowance for the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Premiums

Excess of 4 lbs. U_3O_8 per Ton - 8,633.30 - $6,475.25

Payments for this premium were at the A.E.C. prescribed rate of 75¢ per excess pound. All computations involved in the payments of this premium for the period audited were recomputed during the audit.

Excess of 10 lbs. U_3O_8 per Ton - 1,636.13 - $409.03

Payments for this premium were at the A.E.C. prescribed rate of 25¢ per excess lb., in addition to the 75¢ premium above. All computations involved in the payment of this premium for the period November 24, 1952 through January 4, 1956 were recomputed during the audit.

Haulage Allowance - $3,280.61

Haulage allowances paid by the various purchasers were on the basis of wet ton miles. All payments made during the period were equal or in excess of the A.E.C. requirements. These payments averaged $1.058 per wet ton of ore. All computations of haulage allowance for the period under review were recomputed during the audit.

Lime Penalty - $227.26

Penalties for excessive lime content of ores were applicable to a few shipments. These penalties were assessed in accordance with A.E.C. schedules. All computations applicable to lime penalties for the audit period were recomputed during the audit.

Total Receiving Station Payments - $124,213.13

The computation of all total receiving station payments during the period November 24, 1952 through January 4, 1956 were confirmed during the audit. Quantities of U_3O_8 involved in these payments for the period November 24, 1952 through June 30, 1955 were reconciled except for minor variations with the quantities of U_3O_8 reported by the A.E.C. in a letter addressed to the Auditor by Chief Accounting Branch Finance Division, A.E.C. Field Operations Office, Grand Junction, Colorado.

Production Bonus - $9,564.11

According to the letter received from A.E.C., referred to in the foregoing paragraph, there was as of November 24, 1952 a balance of 2,762.33 lbs. of U_3O_8 available for production bonus. Schedule II attached to and made a part of this report reflects a detailed itemized computation of amount of this bonus. The A.E.C. reports that the bonus applicable to the foregoing 2,762.33 lbs. of U_3O_8 was paid during the period November 24, 1952 through June 30, 1955.

Total Value Subject to DMEA Royalty - $133,777.24

The total value of all recorded shipments during the period November 24, 1952 through January 4, 1956, including production bonus amounted to $133,777.24. This total was computed during the audit. The weighted average value per ton for all claims was $45.38.

Total DMEA Royalty Due - $6,688.87

DMEA royalty due for the period November 24, 1952 through January 4, 1956 is at the rate of 5% of $133,777.24, or $6,688.87.

Total DMEA Royalties Received - $5,100.32

The total DMEA royalties received during the period, according to records of the Finance Officer, amounted to $5,100.32. This amount was confirmed during the audit.

Balance DMSA Royalty Due - $1,588.55

The balance of royalty due is itemized by liquidation settlements on Schedule II attached to this report.

C. AUDIT OF OPERATOR'S RECORDS

During the audit a detailed examination was made of recorded cash receipts and itemized production records for the period November 24, 1952 through July 7, 1955. These records were reconciled in detail with the schedules shown in this report and were also reconciled with minor variations with data secured from the Field Operations Office of the A.E.C.

Data included in this report for production from July 8, 1955 through January 4, 1956 is based on copies of liquidation settlement sheets mailed by purchasers directly to the Executive Officer of the DMSA Field Team, Region III.

IV CONCLUSIONS

The audit has confirmed the accuracy and propriety of the royalty payments received by the Finance Officer, and the balance of royalty due which are applicable to ore sales during the period November 24, 1952 through January 4, 1956. It has also determined that all indicated sales of ores during the subject period, with the exception of minor variations in the pounds of U_3O_8 disregarded in this report, have been properly accounted for.

Donald T. Finch

January 30, 1956

Donald T. Finch, Auditor

SCHEDULE I

Ddocket No. DMA-2618

CONTRACT IDM-3452

URANIUM DEVELOPMENT CORPORATION

SUMMARY STATEMENT OF PRODUCTION FOR PERIOD NOVEMBER 24, 1952 TO JANUARY 4, 1956

	Blackfoot Claim	Gray Fox Claim	Red Fox Claim	Fairy Ring Claim	Rattlesnake Claim	Good Hope Claim	Total
DATES:	3/6/53 to 8/17/54	4/7/53 to 5/15/53	3/6/53	4/28/54 to 9/20/54	12/16/53 to 1/4/56	8/28/54 to 1/4/56	3/6/53 to 1/4/56
Gross Weight in Pounds	1,289,670	45,040	63,680	2,624	3,610,250	1,248,230	6,199,444
Dry Weight in Pounds	1,170,395	42,485	60,267	2,548	3,437,568	1,182,171	5,895,434
Dry Weight in Tons	585.198	21.243	30.130	1.274	1,718.784	591.086	2,947.717
Average Settlement Assays							
Uranium	.288	.119	.21	1.628	.374	.324	.345
Vanadium	1.642	1.110	1.25	1.704	1.780	2.215	1.829
Pounds of Uranium	3,373.03	50.56	126.56	66.43	12,865.50	3,830.55	20,311.63
Base Payment Uranium	$11,656.48	$95.29	$442.96	$229.01	$44,894.00	$13,391.21	$70,708.95
Development Allowance	$ 1,686.57	$25.29	$ 63.28	$ 32.72	$ 6,432.89	$ 1,915.32	$10,156.07
Premiums							
Excess of 4 lbs. U_3O_8 per Ton							
Excess Pounds	1,076.63		6.04	60.32	6,022.10	1,468.21	8,633.30
Amount	$807.49		$4.53	$45.24	$4,516.61	$1,101.38	$6,475.25
Excess of 10 lbs. U_3O_8 per Ton							
Excess Pounds				52.66	1,407.88	175.99	1,636.13
Amount				$13.16	$351.97	$43.90	$409.03
Haulage Allowance							
Average per wet ton	1.50	.046	-	1.875	1.052	.733	1.058
Number of wet tons	614.835	22.520	31.815	1.312	1,805.125	624.115	3,099.72
Amount of Haulage Allowance	$920.26	$1.07	-	$2.46	$1,899.12	$457.70	$3,280.61
Pounds of Vanadium	19,214.38	471.38	753.34	43.42	68,193.03	26,181.33	107,856.88
Payment for Vanadium	$5,956.48	$120.25	$233.54	$13.46	$18,970.54	$8,116.21	$33,410.48
Excess Lime Penalty					$227.26		$227.26
Total Receiving Station Payment	$21,027.28	$243.90	$ 744.31	$336.05	$76,837.87	$25,025.72	$124,213.13
A.E.C. Bonus	9,025.86	95.29	442.96	-	-	-	9,564.11
Total Value Subject DMEA Royalty	$30,053.14	$337.19	$1187.27	$336.05	$76,837.87	$25,025.72	$133,777.24
Average Value Per Ton	$51.36	$15.87	$39.40	$263.77	$44.70	$42.34	$45.38
DMEA Royalty Percentage	5%	5%	5%	5%	5%	5%	5%
DMEA Royalty Due	$1,502.66	$16.86	$59.36	$16.80	$3,841.92	$1,251.27	$6,688.87
DMEA Royalty Received	-	-	-	$ 7.12	$3,841.93	$1,251.27	$5,100.32
Balance of DMEA Royalty Due	$1,502.66	$16.86	$59.36	$ 9.68	.01	-	$1,588.55

SCHEDULE II

URANIUM DEVELOPMENT COMPANY
EXPLORATION CONTRACT DDA-2452
DOCKET NUMBER DMRA-2618

RECEIVED
FEB - 2 1956

Itemized Statement of Ore Sales and DMRA Royalties for Period Nov. 24, 1952 to Jan. 4, 1956

Date 1953	Liq'n. No.	Purchaser	Receiving Station Payment	A.E.C. Bonus: Converted	Total Value	DMRA Royalty Due at 5%	DMRA Royalty Received	Balance DMRA Royalty Due
BLACKFOOT CLAIM								
3/23	4366	U.S.V.Co.	$ 1,110.89	$ 651.00	$ 1,761.89	$ 88.09	—	$ 88.09
4/7	4417	" " " "	1,385.32	776.62	2,161.94	108.10	—	108.10
4/27	4464	" " " "	1,682.40	936.67	2,619.07	130.95	—	130.95
5/7	4544	" " " "	1,983.38	1,118.74	3,102.12	155.11	—	155.11
5/22	4577	" " " "	1,017.42	560.70	1,578.12	78.91	—	78.91
6/6	4671	" " " "	1,703.95	952.42	2,656.37	132.82	—	132.82
6/26	4740	" " " "	1,786.32	1,016.12	2,802.44	140.12	—	140.12
7/6	4765	" " " "	1,978.88	1,142.23	3,121.11	156.06	—	156.06
7/27	4860	" " " "	809.08	458.54	1,267.62	63.38	—	63.38
8/6	4895	" " " "	915.01	541.24	1,456.25	72.81	—	72.81
8/21	4958	" " " "	1,470.03	502.08	1,972.11	98.61	—	98.61
9/2	4992	" " " "	668.06	—	668.06	33.40	—	33.40
9/24	5061	" " " "	286.41	—	286.41	14.32	—	14.32
10/6	5139	" " " "	488.66	—	488.66	24.43	—	24.43
10/22	5181	" " " "	290.29	—	290.29	14.51	—	14.51
11/3	5254	" " " "	237.12	—	237.12	11.86	—	11.86
3/6	614	Climax U. Co.	684.90	369.50	1,054.40	52.72	—	52.72
1954								
4/9	1149	" " " " "	106.62	—	106.62	5.33	—	5.33
4/22	1173	" " " " "	1,348.76	—	1,348.76	67.44	—	67.44
5/18	1212	" " " " "	239.75	—	239.75	11.99	—	11.99
6/18	1289	" " " " "	350.04	—	350.04	17.50	—	17.50
7/1	1304	" " " " "	164.66	—	164.66	8.23	—	8.23
8/17	1374	" " " " "	319.33	—	319.33	15.97	—	15.97
TOTAL BLACKFOOT CLAIM			$21,027.28	$9,025.86	$30,053.14	$1,502.66	—	$1,502.66
ONEY FOK CLAIM								
1953								
4/7	4420	U.S.V.Co.	$ 70.70	$ 20.89	$ 91.59	$ 4.58	—	$ 4.58
4/23	Lot 33986	V.C.A.	171.20	74.40	245.60	12.28	—	12.28
5/15	Lot 34183							
TOTAL ONEY FOK CLAIM			$ 241.90	$ 95.29	$ 337.19	$ 16.86	—	$ 16.86
RED FOK CLAIM								
1953								
3/6	613	Climax U.Co	$ 744.31	$ 442.96	$ 1,187.27	$ 59.36	—	$ 59.36
TOTAL RED FOK CLAIM			$ 744.31	$ 442.96	$ 1,187.27	$ 59.36	—	$ 59.36

URANIUM DEVELOPMENT CORPORATION

EXPLORATION CONTRACT Ida-2452

DOCKET NUMBER DMSA-2618

Itemized Statement of Ore Sales and DMSA Royalties for Period Nov. 24, 1952 to Jan. 4, 1956

DATE	Liq'n. No.	Purchaser	Receiving Station Payment	A.E.C. Bonus: Commuted	Total Value	DMSA Royalty Due at 5%	DMSA Royalty Received	BALANCE DMSA Royalty Due
FAIRY KING CLAIM								
1954								
4/28	Lot 10725	V.C.A.	$ 193.67	—	$ 193.67	$ 9.68	—	$ 9.68
9/20	1432	Climax U. Co.	142.38	—	142.38	7.12	$ 7.12	—
TOTAL FAIRY KING CLAIM			$ 336.05	—	$ 336.05	$ 16.80	$ 7.12	$ 9.68
RATTLESNAKE CLAIM								
1951								
12/16 to 12/31	Last Lot Number 38180	V.C.A.	$ 651.92	—	$ 651.92	$ 32.60	$ 32.60	—
1954								
1/27	18558	V.C.A.	3,757.01	—	3,757.01	187.85	187.85	—
2/27	18877	" " "	2,064.34	—	2,064.34	103.22	103.22	—
3/15	19205	" " "	1,994.82	—	1,994.82	99.74	99.74	—
3/27	19479	" " "	635.29	—	635.29	31.76	31.76	—
6/27	38614	" " "	4,171.25	—	4,171.25	208.56	208.56	—
7/15	39069	" " "	1,418.18	—	1,418.18	70.91	70.91	—
7/27	39224	" " "	1,367.79	—	1,367.79	68.39	68.39	—
3/10	1071	Climax U. Co.	659.52	—	659.52	32.98	32.98	—
6/8	1271	" " " "	762.19	—	762.19	38.11	38.11	—
6/18	1302	" " " "	718.51	—	718.51	35.93	35.93	—
7/2	12704	" " " "	324.02	—	324.02	16.20	16.20	—
9/15	1433	" " " "	603.22	—	603.22	30.16	30.16	—
1/6	5430	U.S.V. Co.	2,083.68	—	2,083.68	104.18	104.18	—
1/25	5458	" " "	1,468.92	—	1,468.92	73.45	73.45	—
2/4	5464	" " "	1,549.60	—	1,549.60	77.48	77.48	—
2/24	5496	" " "	416.39	—	416.39	20.82	20.82	—
3/6	5526	" " "	3,588.57	—	3,588.57	179.43	179.43	—
3/24	5535	" " "	3,005.32	—	3,005.32	150.27	150.27	—
4/6	5569	" " "	10,421.54	—	10,421.54	521.08	521.08	—
4/26	5618	" " "	1,441.63	—	1,441.63	72.08	72.08	—
5/6	5623	" " "	3,338.49	—	3,333.49	166.67	166.67	—
7/5	5736	" " "	1,534.31	—	1,534.31	76.72	76.72	—
7/25	5754	" " "	3,101.92	—	3,101.92	155.10	155.10	—
8/6	5783	" " "	1,892.86	—	1,892.86	94.64	94.64	—
8/6	5784	" " "	2,104.60	—	2,104.60	105.23	105.23	—
8/19	5793	" " "	484.90	—	484.90	24.25	24.25	—
9/3	5826	" " "	2,111.34	—	2,111.34	105.57	105.57	—
5/26	5653	" " "	3,944.66	—	3,944.66	197.23	197.23	—
10/21	5886	" " "	695.18	—	695.18	34.76	34.76	—
12/20	5983	" " "	1,443.55	—	1,443.55	72.18	72.18	—

FRANKLIN DEVELOPMENT CORPORATION

EXPLORATION CONTRACT Ida-8465 DOCKET NUMBER DMSA-2618

Itemized Statement of Ore Sales and DMSA Royalties for Period Nov. 24, 1952 to Jan. 4, 1956

Date	Liq'n. No.	Purchaser	Receiving Station Payment	A.E.C. Bonus: Converted	Total Value	DMSA Royalty Due at 5%	DMSA Royalty Received	Balance DMSA Royalty Due
RATTLESNAKE CLAIM: (Cont.)								
1955								
1/4	6003	U.S.V. Co.	$ 371.48	—	$ 371.48	$ 18.57	$ 18.57	—
1/20	6029	" " " " "	1,595.72	—	1,595.72	79.79	79.79	—
2/1	6037	" " " " "	2,857.38	—	2,857.38	142.87	142.87	—
2/18	6061	" " " " "	451.99	—	451.99	22.60	22.60	—
5/19	6181	" " " " "	291.33	—	291.33	14.57	14.57	—
6/3	6203	" " " " "	481.11	—	481.11	24.06	24.06	—
6/17	6218	" " " " "	1,805.10	—	1,805.10	90.26	90.26	—
7/9	6251	" " " " "	735.28	—	735.28	36.76	36.76	—
7/19	6259	" " " " "	1,611.27	—	1,611.27	80.56	80.56	—
12/2	6378	U.C.M. Co.	2,145.80	—	2,145.80	107.29	107.29	—
1956								
1/4	6471	" " " " "	740.89	—	740.89	37.04	37.05	.01
TOTAL RATTLESNAKE CLAIM			$76,837.87	—	$ 76,837.87	$3,841.92	$3,841.93	.01
GOOD HOPE CLAIM:								
1954								
9/15	Lot 43365	V.C.A.	$ 1,382.70	—	$ 1,382.70	$ 69.14	$ 69.14	—
9/3	5827	U.S.V. Co.	1,501.45	—	1,501.45	75.07	75.07	—
10/5	5867	" " " " "	1,839.38	—	1,839.38	91.97	91.97	—
10/21	5885	" " " " "	720.26	—	720.26	36.01	36.01	—
11/5	5896	" " " " "	2,932.38	—	2,932.38	146.61	146.61	—
11/22	5937	" " " " "	805.00	—	805.00	40.25	40.25	—
12/3	5944	" " " " "	1,883.38	—	1,883.38	94.17	94.17	—
12/20	5984	" " " " "	1,954.26	—	1,954.26	97.71	97.71	—
1955								
1/4	6004	" " " " "	1,303.03	—	1,303.03	65.15	65.15	—
1/20	6030	" " " " "	501.97	—	501.97	25.10	25.10	—
2/1	6038	" " " " "	251.09	—	251.09	12.55	12.55	—
3/17	6088	" " " " "	804.21	—	804.21	40.21	40.21	—
4/4	6113	" " " " "	2,471.35	—	2,471.35	123.57	123.57	—
4/18	6125	" " " " "	2,169.65	—	2,169.65	108.48	108.48	—
5/5	6153	" " " " "	522.92	—	522.92	26.15	26.15	—
5/18	6182	" " " " "	549.91	—	549.91	27.49	27.49	—
11/18	6399	U.C.M. Co.	438.77	—	438.77	21.94	21.94	—
12/1	6416	" " " " "	738.04	—	738.04	36.90	36.90	—
12/20	6439	" " " " "	968.50	—	968.50	48.43	48.43	—
1956								
1/4	6470	" " " " "	1,287.47	—	1,287.47	64.37	64.37	—
TOTAL GOOD HOPE CLAIM			$ 25,[illegible]	—	$ 25,[illegible]	$1,[illegible]	$1,[illegible]	—
TOTAL ALL CLAIMS			$124,213.13	$9,564.11	$133,777.24	$6,688.87	$5,100.32	$1,588.55

Mails & Files (Docket)

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

To: Uranium Development Corporation
620 B and C Building
Denver, Colorado

Pursuant to the provisions of Exploration Project Contract No. Idm-4452, dated November 24, 1952, (Docket No. DMEA-2618), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made, has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows:

Results from the drilling program completed on the Blackfoot group of claims indicate that various commercially exploitable uranium-vanadium ore bodies exist within the three known ore-bearing horizons of the Morrison formation on these claims.

Dated: OCT 21 1953

10-19-53

THE UNITED STATES OF AMERICA

BY Frank E. Johnson
ACTING Administrator, Defense Minerals Exploration Administration

cc to: Operator (Original)
Contract Administration & Audit Division
Field Team (2 copies) Reg IV
Finance Office
Rare & Misc. Metals Div.
Mails & Files (Docket)
Mr. Irving Gumbel, Dir.
Material Div., EPS.
Adm. Reading File
Operating Committee
Mr. Hedges, Rm. 4604
Mr. Thayer, Rm. 5216, GSA
Mr. F. E. Johnson
Mr. Ellis
Mr. Murphy

Chamber
Hedges

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Uranium Development Corporation
620 E&C Building
Denver, Colorado

pertaining to Exploration Project Contract No. Idm-E452, Docket No. 2618, and Amendment No. 1, covering a project for exploration of Uranium, located in Montrose County, Colorado, commonly known as the Blackfoot Group of claims, for the months of July and August 1953.

My review included an examination of the Monthly Reports (Form MF-104) and supporting documents attached thereto, comparison of costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

The contract provides for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor	$21,744.45
Exceptions:	
By DMEA Finance Officer (See attached)	
Herewith (memo)	None
Total Accepted Cost	$21,744.45

The contract calls for a 90 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Nineteen Thousand Five Hundred Seventy and no/100 Dollars

-$19,570.00-

is considered valid and proper.

Dated: October 23, 1953

T. H. Brading, Auditor

Auditor's Report of Review dated 10/23/53

URANIUM DEVELOPMENT CORPORATION

Contract Idm-E452 Docket No. 2618

An amount of $500.00 was withheld by Finance Officer from August MF-104, pending final Report of Review.

Inasmuch as there were no differences developed in the examination of MF-104's by the auditor, this amount is reinstated.

October 23, 1953

T. H. Brading

T. H. Brading, Auditor

Docket Copy

No. 1

DEKane
7/24/53
Hoffland

AMENDMENT OF CONTRACT: No. Idm-2452

Contract Docket No. DMEA 2618, dated November 24, 1952, between the United States of America and Uranium Development Corporation is hereby amended as follows, effective as of the date of said contract:

> Referring to "Article 3. Exploration Project" of Exploration Project Contract Form NF-200(A), delete "within 60 days from the date of this contract" and in lieu thereof insert "prior to September 1, 1953," delete "8 months" and in lieu thereof insert "sixteen (16) months."

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum."

Dated: JUL 1 0 1953

URANIUM DEVELOPMENT CORPORATION

By Murphey Thomas
Jean Cartwright Secy

UNITED STATES OF AMERICA

By W. H. King
W. H. King
Executive Officer - DMEA
Field Team, Region IV

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 2618

COMMODITY Uranium

Contract No. Idm-2452

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 24th day of November, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Uranium Development Corporation - A Colorado Corporation
660 E and C Building
Denver, Colorado

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Colorado, County of Montrose, described as follows:[3]

See Annex No. 1 attached

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:

None

[redacted]

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Uranium

in or upon the described land; and shall bring the project to completion within a period of 8 months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay ninety (90) percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $19,570, which is ninety (90) percent of $21,744.45, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production not to be subject to the Government's percentage royalty.
[4] Strike out.
[5] Name of [illegible]

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* .....

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

The Uranium Development Corp.
(Operator)

By Murphy Thomas

By W. H. King
Executive Officer, Field Team
DMEA - Region IV

I, Jean Cortvriendt, certify that I am the secretary of the corporation named as Operator herein; that Murphy Thomas, President, who signed this contract on behalf of the Operator, was then of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Jean Cortvriendt

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

Annex No. 1

Name	Recorded Book No.	Recorded Page No.	Date Filed	County
Gray Fox	201	287	7/4/29	Montrose
Rattlesnake	201	289	7/4/29	Montrose
Big Basin #1	201	571	3/15/40	Montrose
Big Basin #2	201	572	3/15/40	Montrose
Fairy King	213	206	10/8/40	Montrose
Red Fox	213	210	10/8/40	Montrose
Rim Rock Queen	213	211	10/8/40	Montrose
Blackfoot	213	212	10/8/40	Montrose
Good Hope	213	213	10/10/40	Montrose

EXHIBIT "A"

Description of the Work

The work consists of wagon drilling 235 holes for a total footage of 16,107 feet. The holes to be located on a grid pattern with centers of 100 and 150 feet as shown on Figure 2 and Annex 2 attached hereto and hereby made a part of Exhibit "A".

Bulldozing for drill sites, sampling and any and all other work appertaining to the completion of the holes listed by hole coordinates in the attached list, Annex 2, is included in the work.

Figure 2, which is attached and made a part of Exhibit "A" shows the tentative location of the drill holes. If in the opinion of the DMEA representative the results of some of the drill holes indicate that the location of some subsequent holes should be changed, the locations of these holes may be changed with prior written approval of the DMEA representative.

Estimated Costs of the Work

Wagon drill 235 holes for a total footage of 16,107 feet at $1.35 per foot -	$21,744.45
This cost per foot includes bulldozing, drill sites, labor, supervision, sampler, sampler supplies, materials, repairs, depreciation and any and all other costs of completing the project.	
Total cost -	$21,744.45
Government participation - 90%	$19,570.00

ANNEX #2

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
5000	2000	105	Fairy King
5100	2000	100	" "
4800	2100	80	" "
5000	2100	92	" "
5200	2100	105	" "
4900	2150	84	" "
5100	2150	92	" "
4700	2250	80	" "
4800	2250	79	" "
4900	2250	83	" "
5000	2250	86	" "
5100	2250	88	" "
5200	2250	92	" "
5300	2250	95	" "
4800	2350	83	" "
5000	2350	85	" "
5200	2350	92	" "
5400	2350	103	" "
4900	2400	84	" "
5100	2400	87	" "
5300	2400	94	" "
4900	2500	87	" "
5000	2500	84	" "
5100	2500	87	" "
5200	2500	90	" "
5300	2500	93	" "
5400	2500	100	" "
5500	2500	119	" "
5100	2600	80	" "
5300	2600	85	" "
5500	2600	114	" "
5000	2650	74	" "
5200	2650	79	" "
5400	2650	94	" "
5600	2650	120	" "
5100	2750	65	" "
5200	2750	68	" "
5300	2750	74	" "
5400	2750	88	" "
5500	2750	106	" "
5600	2750	120	" "
5000	2850	82	Big Basin No. 2

Hole Coordinates North	East	Estimated Depth Feet	Claim
5500	3250	58	Rattlesnake
5600	3250	60	"
5700	3250	73	"
5800	3250	97	"
5900	3250	110	"
6000	3250	117	"
6100	3250	108	"
6200	3250	103	"
6300	3250	100	"
6400	3250	95	"
6500	3250	87	"
6600	3250	78	"
6700	3250	68	"
6800	3250	48	"
5000	3350	85	Big Basin No. 2
5200	3350	74	" " " "
5400	3350	55	Red Fox
5600	3350	53	Rattlesnake
5800	3350	81	"
6000	3350	101	"
6200	3350	95	"
6400	3350	85	"
6600	3350	77	"
6800	3350	60	"
5100	3400	73	Big Basin No. 2
5300	3400	56	Red Fox
5500	3400	51	,Rattlesnake
5700	3400	57	"
5900	3400	88	"
6100	3400	92	"
6300	3400	86	"
6500	3400	78	"
6700	3400	75	"
6900	3400	65	"
5000	3500	63	Big Basin No. 2
5100	3500	66	" " " "
5400	3500	47	Red Fox
5500	3500	45	Rattlesnake
5600	3500	42	"
5700	3500	45	"
5800	3500	58	"
5900	3500	72	"
6000	3500	77	"
6100	3500	81	"
6200	3500	83	"
6300	3500	77	"
6400	3500	70	"
6500	3500	72	"

Hole Coordinates North	East	Estimated Depth Feet	Claim
6600	3500	76	Rattlesnake
6700	3500	78	"
6800	3500	74	"
6900	3500	67	"
5100	3600	61	Big Basin No. 2
5700	3600	29	Rattlesnake
5900	3600	50	"
6100	3600	65	"
6300	3600	58	"
6500	3600	64	"
6700	3600	62	"
6900	3600	58	"
5000	3650	57	Big Basin No. 2
5600	3650	34	Rattlesnake
5800	3650	28	"
6000	3650	49	"
6200	3650	60	"
6400	3650	45	"
6600	3650	51	"
6800	3650	55	"
5000	3750	52	Big Basin No. 2
5100	3750	53	" " " "
5900	3750	18	Rattlesnake
6000	3750	30	"
6100	3750	40	"
6200	3750	44	"
6300	3750	30	"
6400	3750	22	"
6500	3750	30	"
6600	3750	34	"
6700	3750	39	"
6800	3750	43	"
6900	3750	48	"
5000	3850	42	Big Basin No. 2
6000	3850	20	Red Fox
6200	3850	48	" "
6400	3850	38	Blackfoot
6600	3850	28	"
6800	3850	35	"
5100	3900	35	Big Basin No. 2
6100	3900	40	Blackfoot
6300	3900	35	Red Fox
6500	3900	30	Blackfoot
6700	3900	31	"
4700	4000	44	Gray Fox
4800	4000	38	" "
4900	4000	33	" "
5000	4000	28	" "

Hole Coordinates North	East	Estimated Depth Feet	Claim
5100	4000	23	Gray Fox
5200	4000	32	" "
5300	4000	52	" "
5400	4000	70	" "
5500	4000	77	" "
5600	4000	70	" "
5700	4000	40	" "
5100	4100	29	" "
5300	4100	40	" "
5500	4100	80	" "
5700	4100	56	" "
5000	4150	34	" "
5200	4150	31	" "
5400	4150	30	" "
5600	4150	80	" "
4900	4250	45	" "
5000	4250	38	" "
5100	4250	37	" "
5200	4250	30	" "
5300	4250	21	" "
5400	4250	70	" "
5500	4250	83	" "
5600	4250	87	" "
5700	4250	79	" "
5800	4250	28	" "
5100	4350	69	" "
5300	4350	73	" "
5500	4350	20	" "
5700	4350	27	" "
5000	4400	29	" "
5200	4400	18	" "
5400	4400	53	" "
5600	4400	72	" "
5800	4400	38	" "
4800	4500	33	" "
4900	4500	38	" "
5000	4500	40	" "
5100	4500	26	" "
5400	4500	41	" "
5500	4500	60	" "
5600	4500	62	" "
5700	4500	63	" "
5800	4500	55	" "
5900	4500	38	" "
6000	4500	21	" "
6100	4500	19	" "
6200	4500	19	Rim Rock Queen
6300	4500	20	" " "
	Total footage	16,107	

OME
DEPARTMENT OF THE INTERIOR
OCT 9 - 1958
REGION III
DENVER COLORADO

Filed for Record Aug. 18, 1958 at [illegible] M.
No. 344669 E. W. Vincent, Recorder

MINING DEED

THIS INDENTURE, Made the 1st day of May in the year of our Lord one thousand nine hundred and fifty-eight, between THE URANIUM DEVELOPMENT CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of Colorado and duly authorized to transact business and to own and convey mining property in the County of Montrose, and State of Colorado, party of the first part, and BEN L. WRIGHT, JR., TRUSTEE, of the City and County of Denver and State of Colorado, party of the second part;

WITNESSETH, That the said party of the first part, for and in consideration of the sum of Ten Dollars and other good and valuable considerations, to the said party of the first part in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, has granted, bargained, sold, remised, released and forever quit-claimed, and by these presents does grant, bargain, sell, remise, release and forever quit-claim, unto the said party of the second part, and to his heirs, successors and assigns, the following described mining property, situate, lying and being in the Vixon Mining District, in the County of Montrose and State of Colorado, to-wit:

The following lode mining claims more fully described in location certificates and amended location certificates recorded in the records of the County Clerk and Recorder, County of Montrose, State of Colorado, in the books and pages set forth herein after the names of said claims.

	Book	Page
Vanadium Beauty No. 1	335	539
	364	70
	409	246
	448	3
	468	222
Vanadium Beauty No. 2	335	540
	364	71
	409	247
	448	4
Vanadium Beauty No. 3	335	541
	364	72
	409	248
	448	5
	468	223
Vanadium Beauty No. 4	335	542
	364	73
	409	249
	448	6

	Book	Page
Vanadium Beauty No. 5	335	543
	364	74
	409	250
	448	7
Vanadium Beauty No. 6	335	544
	364	75
	409	251
	448	8
Vanadium Rock No. 1	335	549
	364	76
	409	252
	448	1
Vanadium Rock No. 2	335	550
	364	77
	409	253
	448	2
The Look Out	201	294
	213	208
	364	546
	448	14
	468	229
Rim Rock Queen	201	293
	213	211
	364	69
	448	11
	468	226
The Red Fox	201	292
	213	210
	364	68
	448	10
	468	225
The Fairy King	201	378
	213	206
	364	62
	448	9
	468	224
Big Basin No. 1	201	571
	364	59
	409	256
	448	17
Big Basin No. 2	201	572
	364	59
	409	257
	448	18

	Book	Page
The Gray Fox, also known as The Grey Fox	201	287
	364	66
	409	254
	448	15
	468	230
The Black Foot	201	288
	213	212
	364	61
	448	12
	468	227
The Good Hope	201	295
	213	213
	364	65
	448	13
	468	228
The Rattlesnake	201	289
	364	67
	409	255
	448	16
	468	221
Full Moon No. 1	343	357
	364	542
	409	258
	448	19
Full Moon No. 2	343	358
	364	543
	409	259
	448	20
Full Moon No. 3	343	359
	364	63
	409	260
	448	21
Full Moon No. 4	343	360
	364	64
	409	261
	448	22
Full Moon No. 5	343	361
	364	544
	409	262
	448	23
Full Moon No. 6	343	362
	364	545
	409	263
	448	24

Grantor does not warrant the title to said mining claims, but does grant to the grantee herein named any right, title or interest ever acquired by this grantor with respect to the same tracts of land by any additional staking of claims or filing of notices under the laws of the United States, whatever the same may be, where the same conform to the actual boundaries of the claims described in this instrument, or where the same cover the same lands but with different boundaries so as to grant to the grantee herein named any rights acquired by the grantor in any manner with respect to said lands, subject always to the above conditions, reservations and exceptions.

TOGETHER with all the dips, spurs and angles, and also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had and enjoyed; and also all and singular the tenements, hereditaments and appurtenances thereto belonging, or in anywise appertaining, and the rents, issues and profits thereof, and also all the estate, right, title, interest, property, possession, claim and demand whatsoever, as well in law as in equity, of the said party of the first part, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

TO HAVE AND TO HOLD, all and singular the said premises, together with the appurtenances and privileges thereto incident, unto the said party of the second part, his heirs, successors and assigns forever.

IN WITNESS WHEREOF, The said party of the first part has hereunto caused its corporate name and seal to be affixed by its President and attested by its Secretary the day and year first above written.

THE URANIUM DEVELOPMENT CORPORATION

By _____ President

ATTEST: _____ Ass't. Secretary

STATE OF COLORADO)
) ss.
CITY & COUNTY OF DENVER)

I, _____, a Notary Public in and for said County, in the State aforesaid, do hereby certify that _____ President, and _____ Ass't.

Secretary of The Uranium Development Corporation, who are personally known to me to be the persons whose names are subscribed to the annexed instrument in writing as President and Secretary of said Corporation, appeared before me this day in person, and acknowledged that at the time of the execution of the said instrument in writing they were respectively the President and Secretary of the said Corporation; that the seal affixed thereto is the common and corporate seal of the said Corporation, and that they signed, sealed and delivered the said instrument in writing as their free and voluntary act, and as the free and voluntary act of the said Corporation, for the uses and purposes therein set forth.

Given under my hand and official seal this 14 day of August, A. D., 1958.

My commission expires My Commission Expires April 1, 1959

Deborah Chambers
Notary Public.

MINING DEED

Uranium Development Corp

to

Ben L. Wright, Jr.

STATE OF COLORADO } ss
County of [illegible]

[illegible]

Recorder

By [illegible]
Deputy

Fee [illegible]

Benjamin L. Wright Jr
[illegible]8 Symes Bldg., Denver 2

OME
DEPARTMENT OF THE INTERIOR
OCT 22 1958
EGION III
DENVER, COLORADO

AGREEMENT IN RE

BLACKFOOT GROUP OF CLAIMS

Denver, Colorado
May 1, 1958

WHEREAS, The Uranium Development Corporation, herein designated "Corporation", is in default upon the final $10,000.00 payment due to Leo F. Fagan and Imogene Fagan under contract to purchase certain mining claims dated October 29, 1951; and,

WHEREAS, Corporation has this day agreed to deliver a deed to said property to Ben L. Wright, Jr., as Trustee for Leo F. Fagan, Imogene Fagan and himself as they may have agreed among themselves; and,

WHEREAS, Corporation hereby reserves the option and right for a period of six (6) months from May 1, 1958, to re-acquire all of the property covered by that instrument and conveyed to the Trustee by the payment within said period of six months of the sum of Ten Thousand Dollars ($10,000.00) to Leo F. Fagan and Imogene Fagan and Ben L. Wright, Jr., less any sums paid before the final payment of said total sum of $10,000.00, with interest at five percent (5%) per annum from this day until said sum is so paid; and, PROVIDED, FURTHER, that in the event the Corporation shall fail to make such payment in full within such period of six months, the Corporation shall be thereafter forever barred from making any kind of claim to said property or any interest therein; and,

WHEREAS, said payment or payments under the reservation set forth in the foregoing paragraph may be made personally to the said Trustee, or may be within said period of time deposited to the credit of said Trustee in the Guaranty Bank & Trust Company at Denver, Colorado, or any other banking institution agreed upon between the parties hereafter, for payment to the said Trustee upon his execution and delivery of a quit claim deed or conveyance to the Corporation for said property, and provided that upon the deposit of said sum or sums before the expiration of said period of six months the Corporation shall notify the said Trustee, Ben L. Wright, Jr., 718 Symes Building, Denver 2, Colorado, in writing either by personal service upon said attorney within said period of six months, or by the deposit of a written notice to such effect in the United States mails either as Registered or Certified mail, with the request for a Return Receipt, addressed to said Trustee, specifying the sums so deposited, including both principal and interest, the time of the making of such deposit or deposits, and on the further condition that such notices be deposited in the mails within said period of six months in lieu of personal service.

And, WHEREAS, said deed to said Trustee provides the conveyance to him is subject to the lease to Glenn Berry and D.M.E.A. loan and other conditions; and,

WHEREAS, the conveyance to the Trustee is hereby made subject to any adverse claims heretofore made by any adverse parties arising out of any adverse feeling of overlapping or conflicting mining claims on said properties on any account whatsoever; and,

WHEREAS, there are known conflicting claims which may have to be defended or other legal action taken to defeat such adverse or conflicting claims;

NOW, THEREFORE, IT IS AGREED:

1. That Trustee shall receive all royalties derived under the lease to Glenn Berry which sums shall be credited as sums payable by the Corporation towards payment of $10,000.00 on the aforementioned contract of purchase. Trustee shall promptly notify Corporation, at 1645 Court Place Denver, Colorado; Leo F. Fagan and Imogene Fagan at Nucla, Colorado; and Guaranty Bank and Trust Company, at Denver, Colorado, of all such payments of royalties by letter duly deposited in the United States mails with postage prepaid.

2. Trustee shall be entitled to reasonable legal fees for services performed in protecting the property from adverse or conflicting claims or claimants.

3. The deed to the Trustee shall be subject to all the terms, conditions and statements herein contained which shall also be binding upon the Corporation and Leo F. Fagan and Imogene Fagan.

4. Corporation shall deliver to Trustee all maps, assay reports, engineers reports, geologist reports and all other date which it may have which may be of value to Leo F. Fagan, Imogene Fagan or the Trustee so that it may be reporduced for their own use, or the use of their lessees or assigns. Such material shall not be furnished in the event the $10,000.00 is paid according to the escrow instructions.

5. Corporation shall make available any and all facts, data, or anything of evidentiary value in the event Trustee or Leo F. Fagan or Imogene Fagan deem it advisable to prepare for possible or actual litigation against or with any person or persons claiming any right, title or interest in property covered by the deed because of any conflicting or adverse claim filed by anyone prior to the recording of the deed to the Trustee.

6. Trustee will promptly record the deed to him.

7. Corporation acquired said properties under a 'Contract of Sale and Purchase' dated October 29, 1951, copies of which are in the hands of all of the parties to this agreement, and that after the execution of said contract of October 29, 1951, and to-wit under date of August 1, 1956, Corporation entered into a certain mining contract with one Glenn Berry of 831 24 Road, Grand Junction, Colorado, authorizing said Berry as the party of the second part to enter upon said properties and operate for mining purposes under the conditions of said contract, a copy of which is in the hands of both parties to this instrument, and that the conveyance to the Trustee is made subject to all of the rights acquired by the said Glenn Berry, his heirs, successors or assigns under said contract, and that said contract with the said Glenn Berry shall remain in full force and effect according to its original terms and conditions upon the execution and delivery of this instrument, subject to the exercising by the Trustee herein named of all of the rights which The Uranium Development Corporation could exercise under said agreement as against Glenn Berry after this date and arising out of the performance or non-performance of said agreement.

8. It is also understood and agreed that inasmuch as after the acquisition of said property the operators procured from the Defense Minerals Exploration Administration certain loans used in the development of said property, and are payable to said D.M.E.A. out of a certain percentage of the production from said property, and that this conveyance is made subject to all of the rights of the D.M.E.A. and the Government of the United States in connection therewith as fixed in the Loan Agreement or other documents involved in the procurement of said loan, including any assignment or other conveyance of proceeds to the D.M.E.A. thereunder.

9. Trustee and Leo F. Fagan and Imogene Fagan do hereby agree that they will not convey the property to any other person or persons without informing them of the status of the Berry lease and the D.M.E.A. loan, and that they will save the Corporation harmless from any claim arising hereinafter out of said D.M.E.A. loan or said Berry lease.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals the day and year first above written.

THE URANIUM DEVELOPMENT CORPORATION

By _____
President

ATTEST: _____
Ass't. Secretary

_____
BEN L. WRIGHT, JR. TRUSTEE

_____
LEO F. FAGAN

_____
IMOGENE FAGAN

OME
DEPARTMENT OF THE INTERIOR
JAN 7 1959
REGION III
DENVER, COLORADO

Nucla, Colorado
December 10, 1958

AMENDMENT TO MINING LEASE

THAT CERTAIN LEASE previously prepared for signature by THERMER R. LABRUM and DWIGHT S. MOCKLEY, by and between them and BEN L. WRIGHT, JR., dated the 15th day of October, 1958, shall be and is hereby amended as follows:

1. Dwight S. Mockley shall not be a lessee and in all places wherein "lessees" is referred this shall be construed to mean "lessee". The lessee is Thermer R. Labrum.

2. All of the claims except the Blackfoot, Rattlesnake, Good Hope and Red Fox shall be available for the use of the lessor as he deems fit, unless and until the lessee informs lessor that he is conducting mining operations on other claims.

3. Lessee will consent to the cancelling of the lease as to all parts of the Blackfoot, Rattlesnake, Good Hope and Red Fox which are not necessary to the mining operation of the lessee.

4. Upon sufficient showing of determination and intent of the lessee to operate other and additional property contained in the lease, lessor may make whatever commitments are necessary to assure lessee of adequate protection for the expenditures he indicates he will undertake.

5. The entire purpose of this lease and amendment hereto is to permit the greatest amount of exploration and development of the property possible; and lessee will cooperate with lessor to that end.

6. All further amendments of this lease will be signed by both parties thereto.

Ben L. Wright Jr. Trustee
Lessor

Thermer R. Labrum
Lessee

OME
DEPARTMENT OF THE INTERIOR
JAN 7 1959
REGION III
DENVER, COLORADO

MINING LEASE

THIS LEASE, made and entered into this 15th day of October, 1958, by and between BEN L. WRIGHT, JR., TRUSTEE, party of the first part, hereinafter called lessor, and THERMER R. LABRUM and DWIGHT S. MOCKLEY, parties of the second part, hereinafter called lessees.

WITNESSETH:

That the said party of the first part, for and in consideration of the payment by lessees of the sum of Ten Dollars ($10.00)and the premises and covenants hereinafter expressed, to be kept and performed by lessees, their heirs, executors and administrators, as conditions hereof, has leased, let and demised, and by these presents does hereby lease, let and demise unto the said lessees, their heirs, executors, and administrators, the following described unpatented mining locations situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

The following lode mining claims more fully described in amended location certificates recorded in the records of the County Clerk and Recorder, County of Montrose, State of Colorado, in the books and pages set forth herein after the names of said claims.

	Book	Page
Vanadium Beauty No. 1	468	222
Vanadium Beauty No. 2	448	4
Vanadium Beauty No. 3	468	223
Vanadium Beauty No. 4	448	6
Vanadium Beauty No. 5	448	7
Vanadium Beauty No. 6	448	8
Vanadium Rock No. 1	448	1
Vanadium Rock No. 2	448	2
The Look Out	468	229
Rim Rock Queen	468	226
The Red Fox	468	225
The Fairy King	468	224
Big Basin No. 1	448	17

	Book	Page
Big Basin No. 2	448	18
The Gray Fox, also known as The Grey Fox	468	230
The Black Foot	468	227
The Good Hope	468	228
The Rattlesnake	468	221
Full Moon No. 1	448	19
Full Moon No. 2	448	20
Full Moon No. 3	448	21
Full Moon No. 4	448	22
Full Moon No. 5	448	23
Full Moon No. 6	448	24

together with all the right, title and interest of the lessor in and to the lodes, veins and ore deposits within the boundary lines of each and all of the said properties, and all dumps on or appertaining to said properties, and the shafts, tunnels, workings, rights, privileges, hereditaments and appurtenances thereunto belonging or in any wise appertaining, and all of the interest which said lessor has in and to the improvements thereon or in connection therewith.

TO HAVE AND TO HOLD unto lessees for the purpose of mining, removing and selling ore therefrom for the term of one year from date hereof, expiring at noon on the 15th day of October, 1959, unless sooner forfeited or terminated, in accordance with the terms hereof.

AND IN CONSIDERATION of such demise, lessees hereby covenant and agree with lessor and his successors and assigns, as follows, to-wit:

1. To enter upon and take possession of herein demised premises on or before December 1, 1958, for the purpose of exploring and developing the same, and of mining ore therefrom. Lessees shall continue to explore, develop and extract ore as long as such properties shall be commercially productive.

They agree to commence shipment of ore as soon as practicable.

2. Lessees agree to carry proper and sufficient Workmen's Compensation Insurance at all times during the life of this lease, so as to insure lessees and their employees hereunder against liability for industrial accidents and to save lessor from liability therefor, and to keep such notices respecting such insurance as may be required by law properly posted on said premises. Lessees further agree to furnish lessor a certificate of insurance or other proof of such insurance.

3. To allow said lessor or his agents, upon request, to enter upon and into any and every part of the said premises for the purpose of inspection, sampling and surveying.

4. To occupy and hold all lodes, spurs and mineral deposits, cross or parallel, of any kind or nature, which may be discovered by said lessees or any person in privity with them, in any manner, by working within or from the demised ground, as the property of said lessor, with the privilege to said lessees to work and mine the same as part of the aforesaid demised premises.

5. To timber well and sufficiently in accordance with good mining practice and to keep in good repair, drained and clear of loose rock and rubbish, where and as necessary for the proper working of this mine, unless prevented by extraordinary mining casualty, all the drifts, shafts, tunnels and other workings which may at any time, during the term of this lease, be used, driven or made by lessees; PROVIDED, HOWEVER, that lessees shall have the privilege of filling old stopes

with waste, according to the best modern mining practice. Lessees promise and covenant that promptly after the first day of January and July of each year during the life of this lease, they will cause to be made an accurate map prepared by competent mining surveyors showing all stopes that have been filled with waste, as above mentioned, and showing all new workings and developments and the true condition of all workings which may be accessible corrected to date, and lessees will furnish such map to lessor not less than thirty days after such date. Lessees agree that in the event of their failure to comply with the foregoing provision, lessor may cause such a map to be prepared at the expense of lessees, and lessees agree and covenant to promptly pay all expense thus incurred at the time of their accrual.

6. To make all shafts at least 8 feet by 4 feet in the clear, and all drifts at least 6-1/2 feet high by 4-1/2 feet wide in the clear.

7. To furnish to lessor by the 15th day of February, May, August and November during the time which demised premises are actually worked by lessees, a complete statement for the previous three (3) calendar months, showing all shipments of ore or other material, if any, and all labor shifts performed and money expended by lessees upon said premises during the previous three (3) calendar months, together with duplicates of all drill logs, maps and assays.

8. Lessees shall pay, or cause to be paid to lessor promptly, a royalty, twenty percent (20%) of all ores or other

material extracted and removed from the demised premises during the life of this lease. Said royalty shall include any bonus payments, and development allowance but shall not include any transportation allowance. It is understood and agreed that repayment of five percent (5%) of total ore sales shall be set aside from said twenty percent (20%) royalty for repayment of D.M.E.A. loan #2618 to the United States Government until such loan is fully discharged. All taxes including production taxes shall be borne twenty percent (20%) by lessor and eighty percent (80%) by lessees. Lessees may ship under their permit but any buying station or mill purchasing ores from the demised premises shall be informed of the royalty agreement and instructed to divide the proceeds from sale of ores and send the checks to the parties concerned.

9. Lessor may upon fifteen days' written notice cancel this lease as to any and all claims not being mined by lessees or from which shipments of ore have not been made for any preceding ninety-day period; PROVIDED, HOWEVER, that if lessees shall have conducted drilling operations upon any of such claims lessees shall have 180 days in which to commence production from and after the date of the last drilling conducted in any continuous drilling program.

This lease shall automatically be extended for a three-month period as defined in paragraph 7 above, upon each and every claim from which ore has been produced during the preceding three-month period.

Failure to perform a minimum of five (5) eight-hour shifts per week for any thirty-day period, unless otherwise

excused, shall ipso facto terminate this lease.

10. Lessees may use the cabin, chutes, rail, pipe and other material now upon said claims but their right to use said property shall be inferior to that of lessor. Upon termination of this lease lessees shall, without demand or further notice, deliver to lessor all of the premises hereinabove described, together with the appurtenances and improvements now on the premises or hereafter to be erected or constructed thereon by lessees, and all repairs and replacements that shall have been made by lessees during their possession of the said premises, in as good order and condition, ordinary wear and tear excepted, as the premises are in at the beginning of the term hereof, and the mine ready for work, acts of God, unavoidable actions of the elements, and accidents not arising from negligence excepted.

11. To pay promptly for all labor, materials and supplies to be performed or furnished to lessees or anyone under or in privity with them upon the said premises, and at all times to save and keep harmless the lessor and the said premises and every part thereof from any and all claims, demands and liens on account of any such labor, materials and supplies, and during the entire life of this lease to post and keep conspicuously posted on said premises, and at the entrance of the workings, notices in the following form, to-wit:

NOTICE
December 1, 1958

Notice is hereby given to all persons performing labor or service of any character or furnishing machinery or other materials or supplies, at any time to or in connection with the following des-

cribed patented mining locations situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

The following lode mining claims more fully described in amended location certificates recorded in the records of the County Clerk and Recorder, County of Montrose, State of Colorado, in the books and pages set forth herein after the names of said claims:

	Book	Page
Vanadium Beauty No. 1	468	222
Vanadium Beauty No. 2	448	4
Vanadium Beauty No. 3	468	223
Vanadium Beauty No. 4	448	6
Vanadium Beauty No. 5	448	7
Vanadium Beauty No. 6	448	8
Vanadium Rock No. 1	448	1
Vanadium Rock No. 2	448	2
The Look Out	468	229
Rim Rock Queen	468	226
The Red Fox	468	225
The Fairy King	468	224
Big Basin No. 1	448	17
Big Basin No. 2	448	18
The Gray Fox, also known as The Grey Fox	468	230
The Black Foot	468	227
The Good Hope	468	228
The Rattlesnake	468	221
Full Moon No. 1	448	19
Full Moon No. 2	448	20
Full Moon No. 3	448	21
Full Moon No. 4	448	22
Full Moon No. 5	448	23
Full Moon No. 6	448	24

or to any mine or mines therein located, or upon any of the property, real or personal, used in connection therewith, that the undersigned owner of the said above described mining claims and the improvements thereon and connected therewith, will not be responsible for any such labor, service, machinery, materials or supplies, nor shall the interests of any of the said owners be subject to any liens therefor. The said premises have been leased to THERMER R. LABRUM and DWIGHT S. MOCKLEY.

BEN L. WRIGHT, JR.
O W N E R

IT IS MUTUALLY PROMISED, COVENANTED AND AGREED by and between the said lessor and the lessees as follows, to-wit:

12. Every covenant and agreement of this lease to be kept and performed by lessees is hereby declared to be a condition of the lease, for the breach of which lessor shall have the power to terminate this lease and the right to re-enter upon the premises demised personally or by his agents or attorneys without prejudice to any and all claims for damages which said lessor might have by reason of the violation of any covenant hereof by lessees. By the re-entry of lessor upon a breach of condition, lessees shall be dispossessed of all their possessory rights and estate hereunder and lessor shall be thereby seized of and returned to his former estate, free and clear of any rights, liens or claims by reason of this instrument. In the event of breach of any covenant or condition of this lease by lessees to be kept and performed, lessor may, at his option, consider the lessees and all persons found in occupation of the premises herein demised as guilty of unlawful detainer, and proceed against them accordingly. PROVIDED, HOWEVER, no delay or delays caused by unavoidable accident, strike, fires, snow slides, acts of God or other matters beyond the reasonable control of lessees shall be considered or taken to be a breach of the covenants and conditions of this lease. Time is of the essence of the covenants of this lease.

The lessor expressly reserves to himself the property and rights of property in all minerals to be extracted from said premises during the term of this lease.

13. The lessees shall have the right, at their election, to surrender this mining lease and all of their rights thereunder unto lessor, at any time during the life

of said lease. Prior to any such surrender, however, lessees shall give to lessor thirty (30) days' written notice of lessees' intention to terminate said contract and surrender up said leased premises. Any such surrender or termination of said lease shall not operate to release or discharge lessees of liability for default on their part, occurring prior to the time of such surrender or termination, but shall only relieve lessees from the obligation of further development of the demised premises. Lessees shall have the right following the surrender of the demised premises, whether at the end of the term hereof, or upon prior termination of this lease, for any cause, or upon forfeiture or surrender thereof, to remove from said premises as their property all supplies, tools, rail and pipe, mining machinery and equipment placed on said premises by and at the expense of lessees, within thirty (30) days after such surrender. Lessees' failure to remove their said property from the demised premises within the period allowed shall forfeit their right to remove same, whereupon said property shall revert to and without further consideration become the property of lessor.

14. It is agreed that lessor shall have, during all reasonable business hours, and without previous notice to lessees, the right to inspect, examine and copy all books of account and records of mine and milling operations in accordance with the standards of good accountancy.

15. Each and every clause, covenant and agreement of this lease shall be held and deemed to extend to the heirs

executors, administrators of each of the parties hereto.

LESSOR

LESSEE

LESSEE

State of Colorado)
County of Mesa) ss. Recorded at 2:30 o'clock P. M. Aug 7, 1956
Reception No. 674932 Annie M. Dunston
Annie M. Dunston
Recorder

BOOK 601 PAGE 534

DMEA
DEPARTMENT OF THE INTERIOR
NOV 21 1956
REGION III
DENVER, COLORADO

MINING CONTRACT

THIS INDENTURE, Made and entered into this 1st day of August A. D. 1956, by and between THE URANIUM DEVELOPMENT CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Colorado, with offices at 1409 Mile High Center, Denver, Colorado, hereinafter referred to as Party of the First Part and GLENN BERRY of 331 24 Road, Grand Junction, Colorado, hereinafter referred to as Party of the Second Part,

RECEIVED NOV 26 1956 D.M.E.A.

WITNESSETH:

Party of the first part represents to the party of the second part that it has full right and authority to operate and extract ore from the following named unpatented mining claims which are situate in Montrose County, Colorado, in the Vixen Mining District; (Sections 3, 10, 11, 14 and 15, T47N, R17W, NMPM).

Gray Fox	Vanadium Beauty No. 2
*Rattlesnake	Vanadium Beauty No. 4
**Big Basin No. 1	Vanadium Beauty No. 5
Big Basin No. 2	Vanadium Beauty No. 6
Fairy King	Vanadium Rock No. 1
Red Fox	Vanadium Rock No. 2
Rimrock Queen	+Full Moon No. 1
*Blackfoot	+Full Moon No. 2
*Goodhope	+Full Moon No. 3
Lookout	+Full Moon No. 4
***Vanadium Beauty No. 1	+Full Moon No. 5
***Vanadium Beauty No. 3	+Full Moon No. 6

*Lease does not include that portion in Sec. 2 T47N R17W NMPM.

**Lease does not include that portion in SW¼ Sec.11 T47N R17W NMPM.

***Lease does not include that portion in NE¼ Sec. 15 T47N R17W NMPM.

+These claims were filed on after A.E.C. withdrawal; lease would not be in effect unless A.E.C. reverts this area to open territory.

Party of the first part desires to employ the party of the second part as its contractor to explore, drill, mine and extract ore from the aforementioned mining claims.

THEREFORE and in consideration of the covenants and agreements as hereinafter set forth, party of the first part agrees to employ the party of the second part for the above-mentioned purposes on said described properties on the terms and conditions hereinafter stated:

W. M. Draper letter 11/21/56

1. The primary term of this contract shall be for one year from and after the date of the execution hereof, subject to the following conditions:

A. Party of the second part shall commence mining operations on the aforementioned properties within thirty (30) days of the signing of this instrument and continue these operations for the life of this contract.

B. Party of the second part agrees to set apart and utilize the fifty (50) cents per pound (uranium oxide delivered to the mill) development incentive paid by the A. E. C. for drilling and prospecting on the aforementioned claims.

C. Party of the second part shall have the option to extend this contract from year to year after the end of the primary term of the contract upon the same terms and conditions as herein set forth, provided the party of the second part has fully complied with all the covenants and conditions set forth herein.

D. Party of the second part shall inform party of the first part in writing of his intention to extend this contract at least thirty (30) days prior to the termination date of the then existing annual term.

E. Party of the second part shall furnish and perform at his own expense any additional drilling upon said properties.

F. Party of the second part agrees to remove ore from said claims in good miner-like manner; to properly stope, sink shafts or prepare inclines, to properly support overburden with timber or waste fill, to ventilate all of said properties which may be mined in compliance with all safety laws and regulations now or hereafter prescribed by the United States of America or the State of Colorado.

G. Party of the second part agrees to furnish at his expense all necessary supplies, equipment, Workmen's Compensation Insurance and other costs of mining, and to incur no obligations or liabilities whatsoever which may obligate party of the first part; also to save the party of the first part harmless from any claims for debt or damagesarising from injuries resulting from mining operations on said properties except as herein expressly set forth.

H. It is understood and agreed by and between the parties hereto that repayment of DMEA Loan No. 2618 to the United States Government provides that five per cent (5%) of total ore sales shall be set apart for the purpose of repaying said loan; and the party of the first part shall pay out of royalties reserved to it the said five per cent (5%) until said DMEA Loan shall have been fully discharged.

I. Party of the second part shall have the privilege hereunder to extract, remove and ship ores from pillars within said property boundaries prior to the abandonment of operations; it being understood that the purpose of this contract is to enable the party of the second part to remove the maximum amount of removable ore from said premises whether from ore bodies or pillars, so long as removal of said ore shall be done in a safe and prudent manner and in accordance with any laws pertaining thereto.

J. Party of the second part agrees to pay to the party of the first part the following gross royalty for all ores removed and shipped from said claims, except that any taxes lawfully levied upon said premises, whether real or personal, shall be the responsibility of the party of the first part, except that any taxes levied upon the properties of the party of the second part situate upon said premises shall be the responsibility of the party of the second part.

Ore Value ($/ton)		Royalty
From	To	%
$ .01	$10.00	10
10.01	20.00	11
20.01	30.00	12
30.01	40.00	13
40.01	50.00	14
50.01	60.00	15
60.01	70.00	16
70.01	80.00	17
80.01	90.00	18
90.01	100.00	19
100.01 and all over		20

The term "ore values" as used in the foregoing schedule is understood to mean the value paid for uranium and vanadium ores by the purchaser at the reducing mill, or buying station, together with all bonus payments, except development allowance, and transportation allowances which shall be paid to party of the second part and shall not be included in determining ore value. Ore from the claims above-described shall be shipped under Permit No. P-1044

which number belongs to the party of the first part and the buying station shall be informed of all royalty agreements and split checks accordingly sent to parties concerned.

K. It is agreed by the parties hereto that the party of the second part may, at his discretion, enter into contracts for mining, drilling, building and prospecting the aforementioned claims with third parties, so long as the contracts with said third parties conform in tenure with the covenants of this instrument and do at all times tend to promote ore production on aforementioned claims, second party being responsible to first party at all times for adherence to this contract.

L. It is understood that upon the failure on the part of the party of the second part to keep, observe, or perform any of the agreements or covenants hereinabove set forth, the term of this contract and the option to renew it shall terminate upon written notice to the party of the second part to that effect. Thereafter, party of the first part or its lawful agents or attorneys, may thereupon after demand of possession enter upon said property, dispossessing all persons thereon with or without process of law: provided, however, that before any forfeiture of this contract shall be declared or enforced, the party of the first part shall notify the party of the second part in writing, specifying the alleged breach of the agreements and covenants contained herein and setting forth in such notice a detailed outline of such breaches, and the party of the second part shall have thirty (30) days after receipt of said notice and specifications within which to correct or remedy said breach or breaches.

M. It is understood and agreed that this contract shall be subject to all the provisions of the lease on said property held by the party of the first part from the Atomic Energy Commission which lease is designated as Uranium Mining Lease No. AT(05-1)-OG-61, assignment No. 1, Blackfoot Group.

N. Party of the second part agrees that he will operate said properties at the rate of not less than fifty (50) man hours per week during the term of this contract or any extension thereof.

O. It is agreed that in the event this contract shall be terminated by expiration, nonrenewal of option, or otherwise, party of the second part shall pay to the party of the first part any and all sums which may be due to the party of the first part under the terms hereof, or because of the failure or neglect of the party of the second part or any person or persons acting under him to keep, observe or perform all or any part of the agreements or covenants herein. Upon the payment as herein provided, each of the parties shall be released from any further duty or obligation hereunder.

It is further understood that upon the termination of this contract for any reason, the party of the second part may remove from said premises his personal property, equipment and surface structures, including houses, office, surface and sub-surface machinery and equipment of every kind and character, except timbering; provided, however, the party of the first part has no further lawful claims of any nature against the party of the second part.

P. It is agreed that in the event either party feels that this contract is not being lived up to, then a hearing by a trio of referees will be called to hear the complaint. Party of the first part shall pick one referee, party of the second part shall pick one referee and the two referees thus picked shall pick the third referee and the decision of the majority of the referees shall be final.

IN WITNESS WHEREOF the said parties have caused this instrument to be executed the day and year above written.

THE URANIUM DEVELOPMENT CORPORATION

By Richard S. Hunt
Richard S. Hunt, Vice President
Party of the First Part.

ATTEST

Claude W. Blake
Claude W. Blake, Secretary.

Glenn Berry
Glenn Berry
Party of the Second Part.

STATE OF COLORADO)
) SS
CITY AND)
COUNTY OF DENVER)

The foregoing instrument was acknowledged before me this 1st day of August, 1956, by Richard S. Hunt, Vice President of The Uranium Development Corporation.

Witness my hand and official seal.

My commission expires [illegible].

[illegible]
Notary Public.

STATE OF COLORADO)
) SS
COUNTY OF Mesa)

The foregoing instrument was acknowledged before me this 7th day of August, 1956 by Glenn Berry.

Witness my hand and official seal.

My commission expires Dec 3. 1958.

[illegible]
Notary Public.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 14 1952

224 New Customhouse
Denver 2, Colorado

November 12, 1952

BL

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: DMEA Docket 2618 (Uranium), Uranium Development Corporation
Montrose County, Colorado

Attached is one copy of supplemental data on subject application, submitted by the applicant, which is for your files.

W. H. King

A. H. Koschmann

Enclosure

Sept. 15, 1952.

From: URANIUM DEVELOPMENT CORPORATION, 620 E&C Bldg., Denver, Colo.

To: Defense Minerals Exploration Administration, New Customs House, Denver, Colo.

Re: Application for assistance in exploring the Blackfoot Group of carnotite mining claims in the Vixen Mining District, Sections 10 and 11, Twp. 47 N, Range 17 W, in Montrose County, Colo.

CONTENTS

A. Letter of transmittal, with minor alterations of estimates submitted on original application to DMEA, in July, 1952.

B. (In pocket of this cover): The following maps:-

i. Map of the Underground workings on the Blackfoot Group of minings claims, at 1" = 20'; This map shows in color, the areas that have produced or are producing commercial grade carnotite. It also shows the direction and inclination of the "rolls" in these productive areas.

ii. Map of the most physically-accessible portions of the Blackfoot Group, for wagon-drill prospecting. On this map is outlined the various "rims", or stratigraphic horizons, where they are evident in field examination.

iii.) Map iii, and tabulation "iiia" are staplled together.
iiia.) Map iii shows the co-ordinates at which a drill hole is proposed. Most of these drill holes have a figure adjacent, to indicate the effective depth necessary for thorough exploration. These depths were estimated from a series of isopach sections made across the topography, which reconciled the stratigraphic occurence of ore with topographic variations.
Map iiia is a tabulation based on co-ordinates of the Map iii. In the top and left margins of this tabulation are the co-ordinates of the Blackfoot Group. If the co-ordinates of any point on this tabulation are selected, and transferred to the "Map iii", the drilling depth is indicated on either or both of these maps.

C. Two or three blank pages for notes and comments by the professional staffs of the Federal Agencies concerned.

URANIUM DEVELOPMENT CORP.
620 E&C Bldg., Denver, Colo.

Defense Minerals Exploration Administration,
New Customs House, Denver, Colo.

Re: Application for assistance in exploring for Uranium ores on the Blackfoot group of claims, Vixen Mining District, Montrose County, Colorado.

Gentlemen:

Herewith is submitted such additional data and maps as have been requested, or indicated as pertinent to the above application.

In the field work incidental to assembling these data, minor changes in our original application should be made. This is in order to better adjust available equipment, labor policy, and production continuance with the requirements of your Administration and other agencies whose approval is necessary. To wit:

1. We would prefer to convert our entire drilling exploration program to "wagon drill" methods. There is now available in the district new and superior equipment that can explore to 120 ft. or more, any area accessible to a truck, with the aid of a bull-dozer now and then. This more modern equipment renders our own "wagon drill" obsolete. Furthermore the new equipment can explore these greater depths cheaper, faster, and with more technical skill in the matter of taking samples than our own machine.

2. You may discount from our original application, various items of buildings, spring-conditioning, machinery-repair, and diamond drilling.

3. It is our desire to enter a "short-form" contract, in such a manner that the assistance obtained will NOT involve any salvage problems of materiel upon completion of the contract.

4. We wish, and are able to, furnish the use of a bull-dozer in order to make accessible the areas outlined on the accompanying map of proposed exploration. This item we should like to retain in our estimate.

5. A "resident engineer" is an absolute "must" in this program. On our application this man's services must be numerous, varied, accurate, and highly skilled, both technically and in personnel management problems. A revised estimate of the services of such a man is $400 to $450 per month for the duration of the exploration period.

6. The revised estimate herewith is on a basis of 16,100 ft., of wagon drilling, at 80¢ per ft. $ 12,880.00
(Estimated time, 6 months, allowing for weather, maintenance, and contingencies).

Resident engineer, (par. 5 above)	2,700.00
Sample sacks (est. at 13.50/100)	135.00
Sampler's wages ($60/wk. - [redacted] 25 weeks	[redacted] /1.500.00
Bulldozer & operator; 3 hrs./day, 150 days, $10/hr (including operator's wages)	4,500.00
Accounting, reports to pertinent agencies, $50/mo.	300.00
Wooden plugs and metal tags for holes drilled for permanent record in the field,	250.00
Contingencies, (subject to review as vital to the operation and on-the-ground-decisions)	1000.00
	$23,265.00
	(23,265.00)

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7. The Corporation (applicant) is prepared to furnish its required share of this project in any acceptable terms required by the Defense Minerals Exploration Administration and/or other agencies competent to specify such terms.

URANIUM DEVELOPMENT CORPORATION

By Paul H. Keating 9/15/52
Paul H. Keating
(Managing Director,
Uranium Development Corp.)
Denver, Colo.).

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
FEB '50

JUL 16 1952

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2618
Metal or Mineral
Date Received 7-16-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: THE URANIUM DEVELOPMENT CORPORATION
620 E and C Building
Denver, Colorado

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore .....

.....

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated ....., 195...

THE URANIUM DEVELOPMENT CORPORATION
(Applicant)

By Murpley Thomas

Jean Cortvreindt

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 11, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration
Attention: Code 210

From: Executive Officer, Field Team, Region IV

Subject: Docketing for Exploration Assistance

Enclosed herewith in duplicate are DMA Forms 3a and MF-103 in triplicate and supporting data pertaining to the following applications for Government assistance in exploration work:

DMEA-2614 - Myton Mining Co.
Blanding, Utah

DMEA-2615 - East Ridge Company
633 S. Shatto Place
Los Angeles 5, California

DMEA-2616 - O. E. Smart
Box 465
Telluride, Colorado

DMEA-2617 - U. S. Tungsten, Inc.
P. O. Box 500
Salida, Colorado

DMEA-2618 - The Uranium Development Corp.
620 E. & C. Bldg.
Denver, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 16 1952

W. H. King
W. H. King

Enclosures

Returned to Region IV - Two copies each of 5 applications with corresponding attachments.

TO: United States Department of the Interior,
Defense Minerals Exploration and Administration,
New Customs House, Room 224, Denver 2, Colorado.

FROM: The Uranium Development Corporation, a corporation organized under the laws of the State of Colorado.

SUBJECT: Request for a loan for exploration of Uranium-bearing minerals, in Montrose County, Colorado.

- - - - - - -

NOTE: THE FOLLOWING DATA IS PRESENTED ACCORDING TO FORM "MF-103" (revised April, 1952), "INSTRUCTIONS". The information requested under each numbered section is presented on a separate sheet or more, as needed.

1. Name of applicant:

(a) The Uranium Development Corporation, a corporation organized under the laws of the State of Colorado. The form of contract is a loan for exploration of potential uranium-bearing areas in Montrose County, Colorado.

The mailing address of the Corporation is Room 620, Ernest and Cranmer Building, 17th Street and Curtis, Denver, Colorado.

(b) Applicant is a corporation, as stated above, organized in the State of Colorado.

(c) Names of the officers of the Corporation are as follows:

President:	Murphy Thomas 2015 So. Broadway Denver, Colorado
Vice President:	Ralph W. Berninzoni, 4509 Elliot Street Denver, Colorado
Secy-Treasurer:	Jean Cortvriendt 2015 So. Broadway Denver, Colorado
Attorney for the Corporation:	Claude W. Blake 620 E & C Building (Residence: 2271 Elm St.) Denver, Colorado

(d) Not a partnership.

2. General: "Read DMEA Order 1 ---".

This has been done by the officers of the Corporation and this application has been prepared according to its concepts and instructions.

3. Applicant's property rights.

(a) The specific area to be explored lies in Sections 1, 2, 3, 10, 11, 12, 13, 14, and 15, of an unsurveyed portion of Township 47 North, Range 17 West, N. M. P. M., in Montrose County, Colorado. A group of 24 mining claims lying wholly within this area is of particular interest to the Corporation. The area is entirely covered by the Uravan Quadrangle Topographic map of the U. S. Geological Survey.

A map showing the 24 mining claims is attached hereto, and a list of the claims.

(b) State any mine by which the property is shown:

Self-supporting production of carnotite has been going on for many months from the "Blackfoot Mine".

(c) State your interest in the land —— etc.

The Uranium Development Corporation is the Purchaser under Contract.

(d) ~~Xxxxxxxxxxxxxx~~ Photostat copy of Contract attached.

(e) If you own the land, describe liens or incumbrances —

No liens or incumbrances against the land owned.

(f) If the land consists of unpatented claims, etc.

On the attached list of claims referred to in (a), immediately above, is given the book and page number for each location notice, as recorded in the County Court House, of Montrose County, Colo.

THE URANIUM DEVELOPMENT CORPORATION

List of Claims in Vixen Mining District owned by The Uranium Development Corporation, 620 E and C Building, Denver, Colorado. Filed in the Court House of Montrose County, Colorado, as follows:

Name	Book No.	Page No.	Date Filed
Gray Fox	201	287	7/4/29
Rattlesnake	201	289	7/4/29
Big Basin # 1	201	571	3/15/40
Big Basin # 2	201	572	3/15/40
Fairy King	213	206	10/ 8/40
Lookout	213	208	10/ 8/40
Red Fox	213	210	10/ 8/40
Rim Rock Queen	213	211	10/ 8/40
Blackfoot	213	212	10/ 8/40
Good Hope	213	213	10/10/40
Vanadium Beauty #1, #2, #3, #4, #5, #6	335	pp. 539-544, inclusive	12/13/49
Vanadium Rock # 1	335	549	12/13/49
Vanadium Rock # 2	335	550	12/13/49
Full Moon # 1, #2, #3, #4, #5, #6	343	pp. 357-362, inclusive	2/17/51

- - - - - - - - - - -

4. Physical Description:-

(a) Mining and exploration operations which have been and are now going on are included in a recent examination and report attached hereto. This examination and report were made and prepared by Prof. Paul H. Keating, of the Geology staff of the Colorado School of Mines, in June, 1952.

Self-supporting production now going on (since November, 1951). Underground workings, showing commercial ore in at least ten places developed. Exploration tunneling about 1000 ft. Production facilities limited to 4-6 non-resident workmen. Workings are accessible by truck. A company-owned bulldozer makes all of the 24 claim-area accessible.

(b) "State past and current production——".

Attached are photostat copies of returns paid for by various buyers, for uranium and vanadium oxides, produced on one claim of the group owned in the Vixen Mining District by the applicant. Reserves estimated at 1250 tons of commercial grade carnotite (.10 U_3O_8 - 1.75 V_2O_5)

SUMMARY OF RETURNS FOR V_2O_5 and U_3O_8 FROM BLACKFOOT MINE, VIXEN MINING DISTRICT, MONTROSE COUNTY, COLORADO

Date of Settlement	Company	Tonnage	V_2O_5	U_3O_8	Amount
Dec. 12,1951	Colo. Plateau Uranium Ore Project	37.57	1.659	1.275	$ 894.13
Feb. 27,1952	Climax Uranium Co. Grand Junction, Colo.	62.85	1.85	0.39	2,861.18
Mar. 10,1952	" " "	32.65	1.48	0.27	1,038.93
Apr. 7,1952	" " "	31.14	1.50	0.23	876.00
May 8,1952	" " "	.64	3.92	0.99	81.73
May 23,1952	" " "	93.58	1.56	0.27	3,024.82

(c) "Describe the geologic features——".

We are enclosing herewith a recent report (June, 1952), from Mr. Keating, referred to in (a) above. This report need not be returned.

4. Physical Description (continued):-

(d) "Accessibility of the project":-

Unsurfaced but passable roads have been established into the area for which this application is being made. Uravan, and Grand Junction (five to one hundred miles distant), are accessible on all but a very few days of the year.

(e) "Availability of manpower,---"

Manpower is competitive with other mining, milling, and highway construction operations, and depends upon management policies. Materials and supplies are adequate and available. Water is a limiting factor to the size of a crew at any one point, --- and in this operation it is estimated that 10 men is the limit of resident personnel on this particular group of claims. There is no power available beyond portable gasoline engines.

5. The exploration project:-

(a) "State the mineral or minerals ——".

The Uranium Development Corporation intends to explore for Uranium- and Vanadium-bearing minerals, especially Carnotite.

(b) Description of proposed work:

A full description of the proposed work is attached hereto in the current examination and report by Prof. Keating of Colorado School of Mines.

(c) "The work will start ——".

The work will be started within 60 days of the signing of a contract for exploration of this area with the Government. It will be completed within 18 months thereafter, unless or until singular discoveries requiring special study shall have been examined, and mutually agreeable extension of the project shall be continued between the Government and the Corporation (applicant).

(d) "State the background" etc.:

The "Blackfoot" mine is now and has been under the immediate supervision of Leo Fagan, a long-time resident of the town of Nucla. Fagan is the owner and operator of a general store and a filling station,—— but above all a thoroughly practical miner. Leo Fagan has been mining and shipping carnotite from this region for nearly 20 years, with and without "hired help". His personal integrity is the nucleus about which has crystallized this Corporation, and his practical knowledge and ability and sense of good management are the kernel of this undertaking.

The technical assistance has been obtained from a disinterested person, one Paul H. Keating, referred to in (b) above. Mr. Keating has been on the faculty of the Colorado School of Mines for fifteen years, is an Associate Professor in the Geology Department, and his special interest there is Mineralogy. For 11 of his 15 years there he was Director of Field Work during the summer months, and has taught a dozen or more subjects that are pertinent to the discovery of needed minerals. From 1917 to 1921 he worked as an engineer-geologist at Long Park, Rock Creek, Calamity Canyon, Flat Top, Dull Canyon, and

5. The exploration project (continued):-

(d) Background, (continued):

many other places in the carnotite bearing area of southwestern Colorado. His transcript at the Colorado School of Mines indicates that he has taken practically every course offered in recent years in x-ray diffraction, atomic physics, nuclear chemistry, and allied "atomic fission" subject matter.

It is upon the guidance of the two men above that the applicant is depending for practical operation and technical guidance.

The officers and stockholders of the Corporation are mostly individuals in business or professional occupations in or near Denver.

The Attorney for the Corporation is Mr. Claude W. Blake, of 620 E&C Building, 17th & Curtis Sts., Denver, whose business address is being used as that of the Corporation. Mr. Blake has been practising law in corporation and civil cases since 1920, in Denver. He was a member of the House of Representatives of Colorado in 1943-44, and a member of the State Senate (Colo.) from 1945-48, but did not seek re-election.

Up to this time, no member of the Board of Directors, nor stockholder, has received any compensation of any nature whatever, for services rendered the Corporation, except Leo Fagan, who is on salary and directing operations, full time, at the property.

6. Estimate of costs:

It is our intention to explore, by wagon drill and by diamond drill cores, as much of the heretofore described area as possible. These drill holes are to be regularly spaced, in checkerboard fashion, over the accessible portions of the claims listed, --- on an over-all co-ordinate spacing.

(a) Independent contracts.-

It is our intention to explore the area owned by our company by wagon drill holes, up to 60-75 ft. depth, and by diamond drill holes at greater depths. It is estimated that the accessible area warrants 2,000 ft. of diamond drilling at a contract rate of $3 per ft., $6000
and 10,000 ft. of wagon-drill exploration at $ .50 per ft., to a total of 5000
$11000

(b) Labor, consultants, etc.-

It is our intention to continue our present policy of paying the highest wages permissible under current Government regulations. In addition, --- We are allowing 13% or more for workmen's protection in "Workmen's Compensation," "Social Security," "retirement," and other insurance phases. It will be necessary to hire a full-time accountant to keep a competent record of such data. Estimated cost of labor, consultants, supervision, for the proposed exploration, not more than $8,000.00. $8000

(c) Operating material and supplies.-

It is the intention of the Corporation (applicant), to have its drilling contractors furnish all material and supplies immediately pertinent to the exploration. Testing instruments and simple chemical apparatus estimated to cost not more than $500.00. This would include filing cabinets for maps and exploration records, drafting and engineering office equipment adequate for a one-man or two-man staff. $500

Water for drilling is available on the property now in reservoirs built by the applicant. Adequate domestic water is available from a spring on the Blackfoot claim. Drilling contractors will deliver their own water to the operations from the reservoirs.

6. Estimate of Costs (Continued):

(c) Operating material and supplies (continued):

The only power available in the area is from portable gasoline engines; fuel for domestic use is the only type needed. Neither of these items is pertinent to the exploration program.

(d) Operating Equipment:-

The Corporation (applicant) owns the following equipment that is pertinent to the proposed exploration. It is the intention of the Corporation to make this equipment available to the drilling contractors at prevailing and fair rates of rental, on a mutually satisfactory rate of per diem, per foot, or for the entire job at a flat price:

Equipment	Value	Estimated Service Value
Diamond Drill	$ 5000	$24 per 8 hr. operation
Wagon Drill	5000	$15 per operating day
Water tank truck(s)	1500	$ .25 per mile operation
Pickup truck for personnel transportation	1200	$ .15 per mile operation

INVENTORY OF MAJOR ITEMS OF EQUIPMENT NOW ON HAND AND OWNED BY THE CORPORATION, THE USE OF WHICH IS DIRECTLY APPLICABLE TO EXPLORATION

	Equipment	Estimated Present Value
1	E.J.Longyear Diamond Drill, 200 ft. drilling depth capacity. Uses "EX" rod	$ 4500.00
1	750 gal. water tank on 1936 Chev.Truck	1500.00
1	1950 Ford pickup truck	1200.00
1	1950 LeRoi 60 ft. portable compressor	900.00
1	Wagon Drill, as follows: Mounted on 4-wheel drive 4x4 1942 Chev. truck; equipped with winch. Ingersoll-Rand 315 cu. ft. compressor and gasoline engine mounted on body of above truck. Intersoll-Rand air hammer "S-49", designed for wagon-drill work. 100 ft. sectional drill steel, detachable bits.	

6. Estimate of Costs (Continued):

INVENTORY OF EQUIPMENT
(Continued)

	Equipment	Estimated Present Value
		Fwd. $13,100.00
1	Ingersoll-Rand No. J-40 air hammer	$ 300.00
1	Cleveland No. H-66 Air hammer	300.00
1	TD "International" Bull Grader	3500.00
	Estimated total present value of exploration equipment on hand	$17,200.00

(e) Rehabilitation, repairs, etc.-

Moderate conditioning expense of the diamond drill and the trucks for water supply and personnel transportation mentioned in (d), immediately above. Estimated cost - $1000.00.

(f) New buildings, improvements, installations:-

Reconditioning of existing buildings, as shelter for tools and equipment, and a testing laboratory on a field basis only, not more than $ 1000.00.

(g) Miscellaneous:-

The applicant has been operating with only three to five men since November 1, 1951. All employees were engaged in actual mining operations. The equipment used up to this time was nearly all on hand at the time of the purchase of the property, and was included in the over-all purchase thereof. Production has kept even with operating costs. However, maintenance items and repairs have been purchased by the mine superintendent wherever available and as needed, on the ground. Up to this time there has been no separate accounting of such costs. But with the proposed exploration program, assistance for which is being applied for, the applicant will immediately establish adequate accounting machinery.

Workmen's Compensation Insurance is carried with the State of Colorado, and Federal income Withholding Tax and Social Security Tax requirements have been complied with since the formation of the corporation (applicant) on June 22, 1950.

6. Estimate of costs, (Cont.).

h. Contingencies: It is estimated that the following expenditures will be in order by completion of the exploration program, --- some items to be immediately obtained and put to use:-

1.	Surveying equipment (transit, tapes, etc.)	$1000.00
2.	Re-establishing corners (labor) ' marking same,	500.00
3.	Reconditioning domestic water supply, for limited resident personnel	2000.00
4.	Maps, prints, minimum operating-office supplies for reports, correspondence et al	2000.00
		$ 5500.00

SUMMARY OF ESTIMATES

6:-

a.	Drilling,	$11,000.00
b.	Engineering, Supervision, and Accounting (18 months est. time)	8,000.00
c.	Office equipm't (exc. eng'r'g)	500.00
d.	Reconditioning trucks and equipm't for drilling water-supply	
f.	Reconditioning existing bldgs. as shelter for tools and equipm't	1,000.00
h.	Contingencies,	5,500.00
	Total	$26,000.00

---

7. a. Are you prepared to furnish your share of the cost----?

Answer: Yes

b. How----?

Answer: 1. By unlimited use of equipment now on hand and in operating order; and similar use of reconditioned equipment. See Section 6-d, above, et seq.

2. By cash purchases of needed equipment and/or services of labor, up to $5000

3. By giving preferred operations to any qualified Government Agency, in the matter of exploration, where such operations might expedite needed data, locally.

THE URANIUM DEVELOPMENT CORPORATION

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf, and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated Denver, Colo., July 10th 1952.

THE URANIUM DEVELOPMENT CORPORATION,
(Applicant)

By Murpley Thomas
President

Jean Cotterwindt
Secretary

Russell W. Blake
Attorney for the Corporation (Applicant)

NOTARY:

CONTRACT OF SALE AND PURCHASE

This Agreement made and entered into at Denver, Colorado, on this 29th day of October, A. D. 1951, by and between LEO FAGAN and IMOGENE FAGAN of Nucla, Colorado (hereinafter referred to as the Sellers) and THE URANIUM DEVELOPMENT CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Colorado (hereinafter referred to as the Purchaser)

W I T N E S S E T H:

THAT WHEREAS the Sellers have represented to the Purchaser that they are the owners of the uranium mining claims hereinafter described, located in the County of Montrose, State of Colorado, and have the absolute legal right to convey said claims and to give good and sufficient title to the same; and

WHEREAS the Purchaser is willing to purchase said mining claims, all subject to the provisions hereinafter stated;

IT IS THEREFORE AGREED by and between the Sellers and the Purchaser, in consideration of the sum of Five Hundred ($500) Dollars in cash paid by the Purchasers to the Sellers, receipt of which the Sellers hereby acknowledge, and in further consideration of the foregoing premises and the provisions hereinafter set forth as follows, to wit:

1. The Sellers hereby agree to convey to the Purchaser by a proper mining deed the following described mining claims located in the Vixen Mining District in Montrose County, State of Colorado:

1. Vanadium Beauty No. 1
2. Vanadium Beauty No. 2
3. Vanadium Beauty No. 3
4. Vanadium Beauty No. 4
5. Vanadium Beauty No. 5
6. Vanadium Beauty No. 6
7. Vanadium Rock No. 1
8. Vanadium Rock No. 2
9. The Look Out
10. Rim Rock Queen
11. The Red Fox
12. The Fairy King
13. Big Basin No. 1
14. Big Basin No. 2
15. The Gray Fox
16. The Black Foot
17. The Good Hope
18. The Rattlesnake
19. The Full Moon No. 1
20. The Full Moon No. 2
21. The Full Moon No. 3
22. The Full Moon No. 4
23. The Full Moon No. 5
24. The Full Moon No. 6

for a total consideration of Seventy-five Thousand ($75,000) Dollars, of which amount the foregoing mentioned sum of $500 has been made as a down payment.

2. The balance of said purchase price, to wit, $74,500, is to be paid by the Purchaser to the Sellers as follows:

(a) The sum of $7,000 on or before the first day of January, 1952.
(b) The sum of $17,500 on or before the 31st day of December, 1952.
(c) The sum of $10,000 on or before the 31st day of December, 1953.
(d) The sum of $10,000 on or before the 31st day of December, 1954.
(e) The sum of $10,000 on or before the 31st day of December, 1955.
(f) The sum of $10,000 on or before the 31st day of December, 1956.
(g) The sum of $10,000 on or before the 31st day of December, 1957.

3. It is understood and agreed that the Purchaser will exercise its best efforts to make said payments in accordance with the schedule contained in paragraph 2 above. If, however, the Purchaser shall be unable because of unforeseen contingencies, acts of God or other factors which make it absolutely impossible to make said payments on the dates set forth, the Purchaser shall have extended time in which to make said payments as follows: An additional 30 days in connection with the payment of $7,000 to be paid on January 1, 1952; an additional period of 30 days in connection with the payment of $17,500 to be made on December 31, 1952; and in the case of the $10,000 instalments the Purchaser shall have an additional period of six months in which to correct any default on said five $10,000 payments.

4. In case of default in any of said payments over and beyond the period of time to which they are extended in the foregoing paragraph, the Seller shall have the right to declare a forfeiture of this contract and to retain the amounts paid thereon as liquidated damages. However, before declaring such forfeiture, the Seller shall give to the Purchaser a written notice at least 60 days prior to the date for the taking of said forfeiture that they intend to declare said forfeiture; and in such event if the payments are not brought up to date before the effective date of said forfeiture the Seller shall have the right to reclaim the property hereinabove described as their own property and the Purchaser shall thereupon execute a quit claim deed to the Sellers conveying all of the rights of the purchaser in said mining claims to the Sellers, and in such

event the Sellers shall thereupon be entitled to retain all monies paid on the purchase price as hereinabove provided as liquidated damages. And in case the Purchaser refuses to convey said mining claims to the Sellers, the Sellers shall have the right to enter upon said premises and take possession of said mining claims without resorting to any court for such relief.

5. It is mutually agreed by and between the Sellers and the Purchaser that the effective date of this contract shall be the first day of November, 1951, and that all production of ore from any and all of the mining claims hereinabove described shall from that date be the property of the Purchaser so long as this contract is in full force and effect.

6. It is further agreed that the Purchaser is buying from the Sellers the following machinery and equipment which now belongs to the Seller, to wit:

1941 Ford truck and Long Year Diamond Drill	$3,500
1946 Dodge water truck	1,000
300 feet drill rod	330
Diamond bits and miscellaneous tools	1,000
259 Ingersoll Rand Compressor	1,500
2 Jack hammers	500
1 Jack leg	100
1935 Chevrolet truck and supply tank	200
	$ 8,130

all of which machinery is regarded as of the reasonable value as stated above, and in return for the conveyance by the Sellers to the Purchaser by good and sufficient bill of sale of the above-described chattels the Purchaser will give to the Sellers capital stock of The Uranium Development Corporation in the amount of 8,130 shares of the par value of $1.00 per share. It is agreed that said 8,130 shares of stock shall be held by the corporation pending the clearing up of any encumbrances on the equipment above-described, and that as soon as such encumbrances have been cleared and the secretary of the Purchaser is notified thereof by the release of said encumbrances, then the stock will be delivered to the Sellers.

244

7. This contract is based upon the representation by the Sellers that they are the sole owners of the mining claims embraced in this contract. In case it shall be determined that there is any defect in the title to these claims in the Sellers, and the Purchaser shall so notify the Sellers of such defects, the Sellers shall have 60 days' time in which to correct said defects. If not corrected within said 60 days, the purchaser shall have the right to rescind this contract, in which event the Sellers will refund to the Purchaser all monies paid hereon.

Witness the hands and seals of the Sellers, and witness the hand of the president of the Purchaser, attested by the secretary of the Purchaser, with the seal of the Purchaser hereunto affixed, on the date first above mentioned.

Leo F Fagan (Seal)

Imogene Fagan (Seal)

Sellers

THE URANIUM DEVELOPMENT CORPORATION

By Murphey Thomas

President

Purchaser

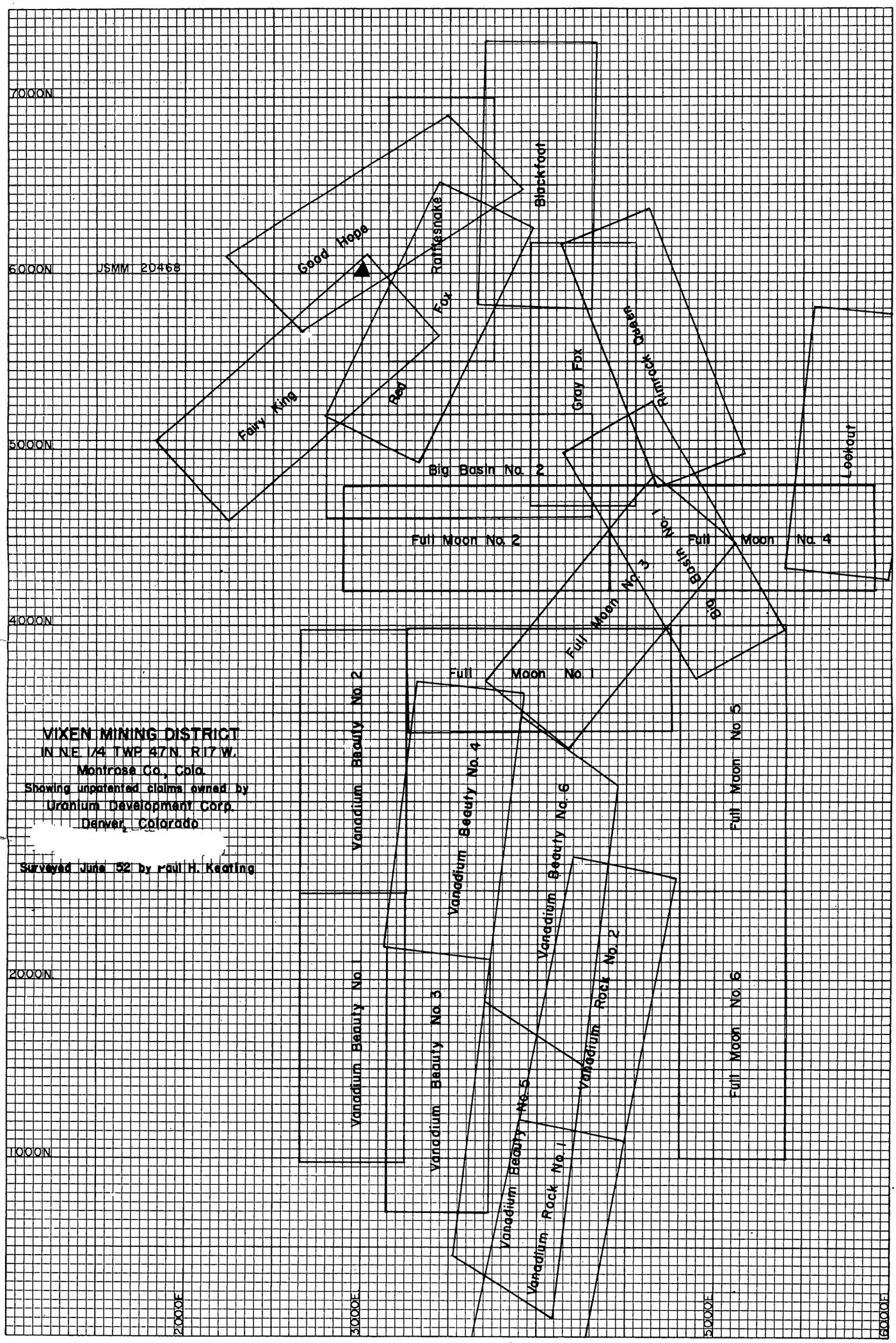
Attest:

Jean Cortwendt

Secretary

(Seal)

KEUFFEL & ESSER CO., N. Y. NO. 359-SL
10 X 10 to the inch.
MADE IN U.S.A.



BUREAU OF MINES—REGION V
2908 COLFAX AVE. SO.
MINNEAPOLIS 8, MINNESOTA

OFFICIAL BUSINESS

PAYMENT OF POSTAGE, $300
(PMGC)

Operating Committee
Defense Minerals Exploration Administration
Interior Building
Washington 25, D. C.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DOCKET COPY

Project Summary Review

By: F. M. Murphy

January 11, 1954

1. DMEA Docket No. 2618 (Uranium)
Contract No. Idm-E452
The Uranium Development Corporation
Blackfoot Group of claims
Montrose County, Colorado

Property - Owners of nine (9) mining claims in Sections 2, 3, 10 and 11 T. 47 N.; R. 17 W., N. Mex. Principal meridian, Montrose County, Colorado.

2. Contract dated November 24, 1952 (complete in 8 months).

235 wagon drill holes for a total footage of 16,107 feet @ $1.35 per foot	$21,744.45
90% Government participation	$19,570.00

Amendment No. 1 -

Completion time changed to sixteen (16) months.

Work completed August 12, 1953.

16,107 feet drilled, distributed among 203 holes @ $1.35 per foot (total cost)

3. Audit Certificate dated October 23, 1953.

No exceptions. No equipment. 90% Government participation, or	$19,570.00

4. Certification October 21, 1953.

Estimated ore reserves: 3000 tons ore averaging 0.15 to 0.18 percent U_3O_8 (Probably more ore than this and of higher grade will be found by development work.)

5. The project was conducted in an efficient manner, also the engineering and sampling.

The drilling, on a 100-foot grid pattern, was done to explore the Salt Wash and Brushy Basin members of the Morrison formation.

Some of the indicated ore bodies are at shallow depths and can probably be mined by open pits.

F. M. Murphy

F. M. Murphy

[ ] Audited

[X] O

K ANALYSIS SHEET - DMEA PROJEC

Analysis as of 12-3-54
Incl. Voucher for August, 1953

[ ] Actual Cost

[X] Agreed Unit Cost

Nam Uranium Development Corp.

Docket No. 2618

tate Colorado

Commodity Uranium

Idm-E No. 452

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting					
Raising					
Shafts					
Winzes					
Drilling (Specify) Wagon	16,107	21,744.45	16,107	21,744.45	21,744.45
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		21,744.45		21,744.45	21,744.45

Prepared by Michael Ching

MME Form 7
(10-58)

OFFICIAL FILE CO

Date	Surname	C
12/10	Murphy	50
	Durand	500
12/10	Talbot	800
	Selfridge	120
12/10	Johnson	110
	Fumich	100
		220

Mr. Ben L. Wright, Jr., Trustee
438 Equitable Building
Denver 2, Colorado

DEC 10 1962

Re: DMEA-2618 (Uranium)
Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Idm-E452

Dear Mr. Wright:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development, dated October 21, 1953, all minerals mined or produced from November 24, 1952, to November 24, 1962, were subject to the Government's percentage royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any production therefrom. We, therefore, are closing our books and records on this contract.

Sincerely yours,

George Fumich, Jr.
Director

FMMurphy/mm
12-10-62
cc: Director's Reading File
Region III (2)
CA&A Division
Docket
Code 500

43683

292-3306

BEN L. WRIGHT, JR.
ATTORNEY AT LAW
438 EQUITABLE BUILDING
DENVER 2, COLORADO

November 30, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 6 1962

DATE	INITIALS	CODE
12/6	[illegible]	800
		~~120~~
12/6	[illegible]	100
12/6	[illegible]	~~110~~
	Griswold	500
	Murphy	

United States Department of Interior
Office of Mineral Exploration
Washington 25, D. C.

Attention: W. R. Griswold, Chief
Division of Minerals

Re: D.M.E.A. - 2618 (Uranium)
The Uranium Development Corp.
Blackfoot Group of Claims
Montrose County, Colorado
Contract Idm-E452

Gentlemen:

Enclosed herewith please find two completed forms as per your request of November 21, 1962.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW/jc

encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C.

November 21, 1962

Re: DMEA-2618 (Uranium)
The Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Idm-E452

Mr. Benjamin L. Wright, Jr.
718 Symes Building
Denver 2, Colorado

Dear Mr. Wright:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

see letter Nov. 26, 1962 below.
JMM

MME Form 63
Revised 3-62

DMEA-2618
Idm-E452

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since March 6, 1961, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

(LEASES CANCELLED)

2. Since October 6, 1961, has there been any production from the land subject to the contract? (Excluding liquidation No. 4898) Yes ☐ No ☒

A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see - of contract)? Yes ☐ No ☒

A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name Ben L Wright Jr Title owner

Address 438 Equitable Bldg Denver Colo Date Dec 3, 62

4511

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 3 1962

DATE	INITIALS	CODE
12/3	[illegible]	800
		~~120~~
	[illegible]	500
	Murphy	500
		220

BEN L. WRIGHT, JR.
ATTORNEY AT LAW
438 EQUITABLE BUILDING
DENVER 2, COLORADO

November 26, 1962

OME
DEPARTMENT OF THE INTERIOR
NOV 27 1962
REGION III
DENVER, COLORADO

~~United States~~ Department of Interior
~~Bureau of Mines~~
Region 3, Building 20
Federal Center
Denver 25, Colorado

Attention: Hugh Connors

Re: D.M.E.A. 2618
Contract I.D.M. - E 452
Blackfoot Group

Gentlemen:

No production is being obtained from the Blackfoot Group of claims. During the past year application has been made for a patent on said property. It would probably be more correct to state that the procedure for obtaining a patent on part of the group has been instituted. During the last year and a half there has been pending in Montrose County Civil Action No. 8577 which affects the claims. The suit involves a staking by a Mr. Ensle and Mr. Fowler under Public Law 359, commonly called the Power Site Restoration Act. Title from Fowler and Ensle was obtained by Four Corners Oil and Minerals Co. The latter has agreed that our claims are superior, senior, and prior to those of Four Corners Oil and Minerals Co. Unfortunately, technicalities have prevented the signing of the stipulation and decree. It is anticipated that these will be signed shortly. It is further anticipated that within the relatively near future the claims will be leased to a major mining concern. The lease will not be entered into, however, until the decree has been entered in Montrose County and a copy of the decree presented to the Atomic Energy Commission in Grand Junction so that their records are corrected.

The unfortunate litigation has resulted in no operations being conducted on the property. Since there has been no operation on the property, there is no production. Since there is no production, there will be no further royalty payment under the contract numbered D.M.E.A. - 2618, or I.D.M. - E452.

It is regretted that the circumstances have precluded full repayment during the term of the contract.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

Mr Selfridge

BLW/jc

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
WASHINGTON 25, D. C.

November 21, 1962

Re: DMEA-2618 (Uranium)
The Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Ida-E452

Mr. Benjamin L. Wright, Jr.
718 Symes Building
Denver 2, Colorado

Dear Mr. Wright:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W. R. Griswold

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

DMEA-2618
Idm-E452

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since March 6, 1961, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since October 6, 1961, has there been any production from the land subject to the contract? (Excluding Liquidation No. 4398) Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
_____		
_____	_____	_____

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore	_____	Tons	_____	_____
Concentrates	_____	Tons	_____	_____
Other	_____	Tons	_____	_____

3. Since _____, has any production been transported through _____ workings (see _____ of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value
_____	_____	_____

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY
O. M. E
RECEIVED NOV 16 1962

DATE	INITIALS	CODE
11/16	[illegible]	800
		140
	Grunwald	500
11/19	Murphy	500
		230

November 13, 1962

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-2618 (Uranium)
Contract Idm-E452
The Uranium Development Corporation
(Blackfoot Group of Claims)
Montrose County, Colorado
EXPIRATION OF DMEA CONTRACT PAYING ROYALTY

I visited the subject property on November 8, 1962 and found no evidence of any recent mining activity.

The Atomic Energy Commission Office in Grand Junction, Colorado informed me that the property is still in litigation but that an allotment has been made and will be given to the winner of the lawsuit. AEC,

I called Ben Wright on the telephone and he informed me that he expects to have the lawsuit settled before January 1, 1963.

The expiration period for paying royalty ends November 24, 1962 and I believe that the property will not be in operation before that date. I recommend that the files be closed on this contract.

Hugh M. Connors

Hugh M. Connors

Building 20 - Federal Center
Denver 25, Colorado

January 25, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 29 1962
DATE 1/29 gla 500 220

The Uranium Development Corporation
1645 Court Place
Denver, Colorado

Re: DMEA-2618 (Uranium)
Contract Idm-E452
The Uranium Development Corporation
(Blackfoot Group of Claims)
Montrose County, Colorado

Gentlemen:

Enclosed is a copy of the Report of Royalty Review on the subject contract dated January 3, 1962 covering the period May 10, 1960, through December 20, 1961.

Yours very truly,

Original signed by

Hugh M. Commers
Acting Field Officer, OME
Region III

Enclosure
cc Benjamin L. Wright, Jr.
718 Symes Building
Denver 2, Colorado

Chief, Division of Field Operations
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E452
Chron

Building 20 - Federal Center
Denver 25, Colorado

ICAL FILE COPY
C
FEB 29 1962

January 26, 1962

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: BMEA-2618 (Uranium)
Contract Idm-E452
The Uranium Development Corporation
(Blackfoot Group of Claims)
Montrose County, Colorado

Attached is the original Report of Royalty Review on the subject property dated January 3, 1962 covering the period May 10, 1960, through December 20, 1961.

Original signed by

Hugh M. Connors

Attachment
HMC/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E452
Chron

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

Memorandum JAN 17 1962

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-2618 (Uranium)
The Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Idm-R452

The original and three copies of a Report of Royalty Review covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.;
(b) One copy for the Operator;
(c) One copy for Ben L. Wright, Jr.; and
(d) One copy for your files.

As evidence of your concurrence, a copy of your letter transmitting the copy of the report to the Operator should be furnished this Division. If for any reason you do not concur, the original and all copies of the report should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 1-17-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Rothrock

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

DEC 14 1961

Memorandum

To: Acting Field Officer, Region III

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMRA-2618 (Uranium)
Uranium Development Corporation
Blackfoot Group of Claims
Montrose County, Colorado
Contract Idm-E452

This Division is preparing a Report of Royalty Review on the subject contract. Accordingly, your submission of an original and one copy of MME Form 22, Check Sheet of Examining Engineer, will be appreciated.

It appears that the property under this contract was inactive from March 1959 to March 1961 because of the contest of ownership before the Bureau of Land Management and after September 1961 because of civil action in the District Court for Montrose County. Your confirmation or correction by appropriate statement under item 8 of MME Form 22 will be appreciated.

EDTalbert/ama 12-14-61

cc:
Docket
Director's Reading File
CA & A Division

43683

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2821

OFFICIAL FILE COPY

RECEIVED MAY 1 1961

DATE	INITIALS	
5-4	gad	220
		110
5/4	wag	800
~~5/4~~	~~[illegible]~~	~~500~~
		220

OME
DEPARTMENT OF THE INTERIOR
MAY 1 1961
REGION III
DENVER, COLORADO

April 28, 1961

United States Department of Interior
Office of Minerals Exploration
Building 20
Denver Federal Center
Denver 25, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Re: Docket No. DMEA #2618
Contract No. 1Dm E-452
Blackfoot Group

Gentlemen:

Enclosed herewith please find two copies of motions which I have filed in Civil Action #8577 in the District Court, County of Montrose.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj
Encls - 2

Selfridge (2)

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAY 4 1961

DATE	INITIALS	CODE

IN THE DISTRICT COURT IN AND FOR THE

COUNTY OF MONTROSE

STATE OF COLORADO

Civil Action No. 8577

FOUR CORNERS OIL AND MINERALS CO., a Colorado corporation, and RICHARD V. ENSLE, Plaintiffs, vs. GLEN BERRY, BEN WRIGHT, THE URANIUM DEVELOPMENT CORPORATION, a Colorado corporation, LEO F. FAGAN, IMOGENE FAGAN, and ALL UNKNOWN PERSONS WHO CLAIM ANY INTEREST IN THE SUBJECT MATTER OF THIS ACTION, Defendants.	MOTION FOR MORE DEFINITE STATEMENT

COMES NOW Ben Wright, pro se, and hereby respectfully requests the Court to enter an order requiring the plaintiffs herein to make more definite their complaint; or in the alternative, to file herein a more definite statement; and

AS GROUNDS THEREFOR, this defendant states that the complaint is too vague and indefinite for this defendant to properly form any responsive pleadings.

Plaintiffs allege locations made in 1958 and subsequently. They do not show how their locations conflict, if at all, with the senior locations held by this defendant.

The plaintiffs allege in effect that the senior locations held by this defendant are invalid and without right; but there is no hint upon which they base such an

allegation. The plaintiffs herein commenced an action in the Bureau of Land Management with regard to some of their alleged claims under a theory now thoroughly repudiated. This defendant appeared in that action for and on behalf of himself and Leo F. Fagan and Imogene Fagan. The contest was dismissed. Until the plaintiffs have furnished this defendant with specific information upon which they base their allegation, this defendant cannot know whether he should plead the matter of res adjuticata.

BEN L. WRIGHT, JR.
Attorney for Defendant
Ben Wright
718 Symes Building
Denver 2, Colorado
Acoma 2-2521

IN THE DISTRICT COURT IN AND FOR THE

COUNTY OF MONTROSE

STATE OF COLORADO

Civil Action No. 8577

FOUR CORNERS OIL AND MINERALS CO., a Colorado corporation, and RICHARD V. ENSLE, Plaintiffs, vs. GLEN BERRY, BEN WRIGHT, THE URANIUM DEVELOPMENT CORPORATION, a Colorado corporation, LEO F. FAGAN, IMOGENE FAGAN, and ALL UNKNOWN PERSONS WHO CLAIM ANY INTEREST IN THE SUBJECT MATTER OF THIS ACTION, Defendants.	MOTION TO DISMISS

COMES NOW the defendant Ben Wright, pro se, and hereby respectfully requests this Court to enter an order dismissing the complaint heretofore filed; and

AS GROUNDS THEREFOR, defendant states that the complaint does not state a cause of action upon which relief can be granted.

AS ADDITIONAL GROUNDS THEREFOR, defendant states that the complaint should be dismissed for failure of the plaintiffs to join indispensable parties. An affidavit is hereto attached to support this portion of this motion.

BEN L. WRIGHT, JR.
Attorney for defendant Ben Wright
718 Symes Building
Denver 2, Colorado
AComa 2-2521

STATE OF COLORADO)
) ss. AFFIDAVIT
CITY AND COUNTY OF DENVER)

Ben L. Wright, Jr., of legal age, being first duly sworn upon oath deposes and says that he is the owner of several unpatented lode mining claims situated in the County of Montrose, State of Colorado, located in Sections 2, 3, 10 and 11, Township 47 North, Range 17 West of the N.M.P.M.; that in the answer filed in Contest No. 214 BEFORE THE MANAGER, BUREAU OF LAND MANAGEMENT, UNITED STATES DEPARTMENT OF INTERIOR, DENVER, COLORADO, AND WHICH WAS ENTITLED "RICHARD V. ENSLE AND FOUR CORNERS OIL AND MINERALS CO., CONTESTANTS, VS. URANIUM DEVELOPMENT CORPORATION, GLEN BERRY, CONTESTEES, the following language appears, in part:

> " * * * The Office of Minerals Exploration, United States Department of Interior, 224 New Customs House, Denver 2, Colorado, is interested in the contest since they hold a lien on property held by this contestant under Docket No. DMBA 2818 (Uranium Contract No. Idm-E 452."

Other and further reference appears in said answer relative said interest of the Office of Minerals Exploration.

Affiant further states that he has personally informed other legal counsel for Four Corners Oil and Minerals Co. and/or Richard V. Ensle of the lien held by the Office of Minerals Exploration.

BEN L. WRIGHT, JR.

STATE OF COLORADO
CITY & COUNTY OF DENVER } ss.

The above and foregoing affidavit was sworn to before me this 28th day of April, 1961, by Ben L. Wright, Jr.

My commission expires October 23, 1963.

Notary Public

BENJAMIN L WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2821

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 24 1961

DATE	INITIALS	CODE
4/24	gad	VVO
4/24	[illegible]	800
	[illegible]	500
		220

OME
DEPARTMENT OF THE INTERIOR
APR 1 0 1961
REGION III
DENVER, COLORADO

April 18, 1961

United States Department of Interior
Office of Minerals Exploration
Building 20
Federal Center
Denver 25, Colorado

In re: Docket No. DMEA-2618
Contract No. Idme 452
Uranium Development Company
Blackfoot Group
Montrose County, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Gentlemen:

Enclosed herewith please find two copies of settlement sheet for ore sent in from the Fairy King, which is covered by the aforementioned loan. Also please find check covering your interest in said property.

Also enclosed please find copy of letter I have this day sent to Vanadium Corporation of America.

We are currently of the opinion that the next check which will cover the period from April 1 through April 15 will show ten loads rather than just one.

Yours very truly,

Ben L. Wright, Jr.

Selfridge (2)

BLW/bj
Enclosures

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 24 1961
DATE | INITIALS | CODE

April 18, 1961

OME
DEPARTMENT OF THE INTERIOR
APR 19 1961
REGION III
DENVER, COLORADO

Vanadium Corporation of America
Durango
Colorado

Re: Blackfoot Group of Claims

Gentlemen:

This will acknowledge receipt of Voucher No. 38120 for a shipment by K.C. Mining Company, care of Kenneth McBride, from the Fairy King Lode. I would appreciate it if you would deduct from all payments under that lease and the leases hereinafter mentioned the usual sums required to repay Defense Minerals Exploration Administration loans. The sum deducted should be sent to the United States Department of Interior, Office of Minerals Exploration, Building 20, Denver Federal Center, Denver 25, Colorado. The payment to them should indicate that it is for Docket No. DMEA 2618, Contract Idn EA52, Blackfoot Group. If this is not in accordance with your standard practice, I would appreciate it if you would send two extra copies of the settlement sheet, so that I can forward them to the above mentioned office. If you can divide the check, the two settlement sheets should be sent with the check to the OME.

Leo Pagan and Imogene Pagan do not hold any right or the title to the property. I would therefore appreciate it if you would simply send the check to me without their names added, since it somewhat complicates matters to have the check mailed from them to me.

Other lessees who will probably be making shipments to you, if they have not already done so, are Joe Baldwin, Russel E. Mayfield, F. J. Denton and Keith Redd, and Earl D. Shumway and Floyd R. Block.

Yours very truly,

RLW/bj

Ben L. Wright, Jr.

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 13 1961

DATE	INITIALS	CODE
4-13	gad	NNO
4/13	[illegible]	800
	[illegible]	500
		NNO

Building 20 - Federal Center
Denver 25, Colorado

April 11, 1961

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. DMEA 2618 (Uranium)
Contract No. Idm E452
Uranium Development Company
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

This is to advise that I have no information that the Evening Star, Marjorie Ann, or Mainstreet claims are in conflict with any of your claims. I have no claim map of this area. I did know that these claims were in the same general area as your claim group and that ore had been produced during the year 1960 from the Evening Star, Marjorie Ann, and Mainstreet claims.

I will appreciate your keeping me advised regarding your claim conflict and your plans for operating the property.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME (2) with copy Benjamin Wright's letter 4/10/61
Contract Corres E452
Chron

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 13 1961
DATE | INITIALS

April 10, 1961

United States Department of Interior
Office of Mineral Exploration
Building 20
Federal Center
Denver 25, Colorado

OME
DEPARTMENT OF THE INTERIOR
APR 11 1961
REGION III
DENVER, COLORADO

Re: Docket No. DMEA 2618
Contract No. 1 IDME 452
Uranium Development Corporation
Blackfoot Group
Montrose, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Dear Mr. Connors:

This will acknowledge receipt of your letter of April 7, in which you returned the various leases to me.

I have absolutely no knowledge of the Evening Star, Marjorie Ann, or Mainstreet claims. There were no stakes on the property that I would identify as belonging to such claims. This does not mean that it is not possible that such claims would be in the area. It does mean that I have never seen any signs of them. The patented Faery Queen, U.S. Mineral Survey No. 20468, does conflict with part of the Good Hope and part of the Fairy King claims, but not as to any area upon which drilling was done. Naturally, the patented claim prevails anyway. Some claims were located in the area under the name of Nephite. I am pretty sure that these claims are now dead. If they are not, they are certainly not superior to any of our claims.

I am negotiating with some early locators relative their interest in some old claims. I do not believe that their

claims are nearly as good as our claims, but I thought I might acquire them anyway.

If you have any information that the Evening Star, Marjorie Ann or Mainstreet are in conflict with any of my claims, I would appreciate any information you have on them.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj

OME
DEPARTMENT OF THE INTERIOR
APR 11 1961
REGION III
DENVER, COLORADO

Selfridge (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 10 1961

DATE	INITIALS	CODE
4-10	gad	VVO
4/10	[illegible]	800
	~~[illegible]~~	~~[illegible]~~
		220

April 7, 1961

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. DMEA 2618 (Uranium)
Contract No. Idm E452
Uranium Development Company
(Blackfoot Group)
Montrose County, Colorado

Enclosed are two copies of a letter from the Operator dated April 4, 1961, two copies of my reply, and one copy of the leases which were submitted by the Operator.

Hugh M. Connors

Hugh M. Connors

Attachments

Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 10 1961

DATE	INITIALS	CODE

April 7, 1961

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. DMEA 2618
Contract No. Idm E452
Uranium Development Company
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

Thank you for your letter of April 4, 1961 and the original mine leases which are returned herewith. Copies have been made for our files.

Your letter mentions some of the San Miguel claims were in conflict with your claims. Were the Evening Star, Marjorie Ann, or Mainstreet claims mentioned as being in conflict with your claims?

Please keep us advised regarding this claim boundary conflict.

Yours very truly,

Original signed by

High M. Connors
Acting Field Officer, OME
Region III

Enclosures
HMC/lm
cc Chief, Division of Field Operations, OME
Contract Corres E452
Chron

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
APR 5 1961
REGION III
DENVER, COLORADO

April 4, 1961

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 10 1961

DATE	INITIALS	CODE

United States Department of Interior
Office of Mineral Exploration
Building 20
Federal Center
Denver 25, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Re: Docket No. 2618
Contract No. IDME 452 -
Blackfoot Group

Gentlemen:

Enclosed herewith please find the original of each of four leases pertaining to the property. I understand from your letter of March 30, 1961 that you will make copies and return the originals to me.

I am very glad that this is possible, since at this particular time of the year there seems to be a certain number of tax returns which much be prepared, etc., which do take a large amount of my secretary's time.

The contest before the Bureau of Land Management indicated that Four Corners claimed that the San Miguels Nos. 1 through 10 and 13 through 15 were in conflict with our claims. A map which I have in my possession indicates that the San Miguels 11 and 12 conflict to some degree with claims which I hold, but which may not have been explored under the Defense Minerals Explorations contract. In addition to the claims held now by Four Corners, there were certain old claims in the area. I may attempt to acquire these older claims so that the block will be absolutely solid.

Yours very truly,

Ben L. Wright Jr.

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 10 1961

DATE	INITIALS	CODE

MINING LEASE

THIS LEASE, made and entered into this 6th day of March, 1961, by and between BEN L. WRIGHT, JR., TRUSTEE, party of the first part, hereinafter called lessor, and JOE BALDWIN, party of the second part, hereinafter called lessee.

W I T N E S S E T H:

That the said party of the first part, for and in consideration of the payment by lessee of the sum of Ten Dollars ($10.00) and the premises and covenants hereinafter expressed, to be kept and performed by lessee, his heirs, executors and administrators, as conditions hereof, has leased, let and demised, and by these presents does hereby lease, let and demise unto the said lessee, his heirs, executors, and administrators, the following described portion of that unpatented mining location situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

> The North 1000 feet of the Blackfoot Lode Mining Claim, originally described in location notice recorded September 6, 1929, in Book 201 at Page 288 of the records of the County Clerk and Recorder, County of Montrose, State of Colorado, and numerous other instruments including the location certificate appearing at Book 468 at Page 227 of said records;

together with all the right, title and interest of the lessor in and to the lodes, veins and ore deposits within the boundary lines of each and all of the said properties, and all dumps on or appertaining to said properties, and the shafts, tunnels, workings, rights, privileges, hereditaments and appurtenances

thereunto belonging or in any wise appertaining, and all of the interest which said lessor has in and to the improvements thereon or in connection therewith.

TO HAVE AND TO HOLD unto lessee for the purpose of mining, removing and selling ore therefrom for the term of one year from date hereof, expiring at noon on the 6th day of March, 1962, unless sooner forfeited or terminated, in accordance with the terms hereof, or extended in accordance with the terms hereof.

AND IN CONSIDERATION of such demise, lessee hereby covenants and agrees with lessor and his heirs, successors and assigns, as follows, to-wit:

1. To enter upon and take possession of herein demised premises on or before March 15, 1961, for the purpose of exploring and developing the same, and of mining ore therefrom. Lessee shall continue to explore, develop and extract ore as long as such properties shall be comercially productive. He agrees to commence shipment of ore as soon as practicable.

2. Lessee agrees to carry proper and sufficient Workmen's Compensation insurance at all times during the life of this lease, so as to insure lessee and his employees hereunder against liability for industrial accidents and to save lessor from liability therefor, and to keep such notices respecting such insurance as may be required by law properly posted on said premises. Lessee further agrees to furnish lessor a certificate of insurance or other proof of such insurance.

To allow said lessor or his agents, upon request, and into any and every part of the said premises se of inspection, sampling and surveying.

To occupy and hold all lodes, spurs and mineral s or parallel, of any kind or nature, which may by the said lessee or any person in privity with any manner, by working within or from the demised ground, as the property of said lessor, with the privilege to said lessee to work and mine the same as part of the aforesaid demised premises.

5. To timber well and sufficiently in accordance with good mining practice and to keep in good repair, drained and clear of loose rock and rubbish, where and as necessary for the proper working of this mine, unless prevented by extraordinary mining casualty, all the drifts, shafts, tunnels and other workings which may at any time, during the term of this lease, be used, driven or made by lessee; PROVIDED, HOWEVER, that lessee shall have the privilege of filling old stopes with waste, according to the best modern mining practice. Lessee promises and covenants that promptly after the first day of January and July of each year during the life of this lease, he will cause to be made an accurate map prepared by competent mining surveyors showing all stopes that have been filled with waste, as above mentioned, and showing all new workings and developments and the true condition of all workings which may be accessible corrected to date, and lessee

3. To allow said lessor or his agents, upon request, to enter upon and into any and every part of the said premises for the purpose of inspection, sampling and surveying.

4. To occupy and hold all lodes, spurs and mineral deposits, cross or parallel, of any kind or nature, which may be discovered by the said lessee or any person in privity with him, in any manner, by working within or from the demised ground, as the property of said lessor, with the privilege to said lessee to work and mine the same as part of the aforesaid demised premises.

5. To timber well and sufficiently in accordance with good mining practice and to keep in good repair, drained and clear of loose rock and rubbish, where and as necessary for the proper working of this mine, unless prevented by extraordinary mining casualty, all the drifts, shafts, tunnels and other workings which may at any time, during the term of this lease, be used, driven or made by lessee; PROVIDED, HOWEVER, that lessee shall have the privilege of filling old stopes with waste, according to the best modern mining practice. Lessee promises and covenants that promptly after the first day of January and July of each year during the life of this lease, he will cause to be made an accurate map prepared by competent mining surveyors showing all stopes that have been filled with waste, as above mentioned, and showing all new workings and developments and the true condition of all workings which may be accessible corrected to date, and lessee

will furnish such map to lessor not less than thirty days after such date. Lessee agrees that in the event of his failure to comply with the foregoing provision, lessor may cause such a map to be prepared at the expense of lessee, and lessee agrees and covenants to promptly pay all expense thus incurred at the time of their accrual.

6. To make all shafts at least 8 feet by 4 feet in the clear, and all drifts at least 6-1/2 feet high by 4-1/2 feet wide in the clear.

7. To furnish to lessor by the 1st day of June, September, December, and March during the time which demised premises are actually worked by lessee, a complete statement for the previous three (3) calendar months, showing all shipments of ore or other material, if any, and all labor shifts performed and money expended by lessee upon said premises during the previous three (3) calendar months, together with duplicates of all drill logs, maps and assays.

8. Lessee shall cause to be paid to lessor promptly, a royalty, thirty per cent (30%) of all ores or other material extracted and removed from the demised premises during the life of this lease. Said royalty shall include any bonus payments, and development allowance, but shall not include any transportation allowance. It is understood and agreed that repayment of five per cent (5%) of total ore sales shall be set aside from said thirty per cent (30%) royalty for repayment of D.M.E.A. loan #2618 to the United States Government until such loan is fully discharged. All taxes including production taxes shall

be borne thirty per cent (30%) by lessor and seventy per cent (70%) by lessee. Any buying station or mill purchasing ores from the demised premises shall be informed of the royalty agreement and instructed to divide the proceeds from sale of ores and send the checks to the parties concerned. In the event the buying station or mill purchasing the ores will not so divide the proceeds, then the proceeds from the sale of ore will be paid to Ben L. Wright, Jr., 718 Symes Building, Denver, Colorado, and he shall within five (5) days after the receipt of any check for ores purchased remit the seventy per cent (70%) to the lessee at Nucla, Colorado, unless prevented from doing so by court order, as hereinafter explained in paragraph 14.

9. Lessor may upon fifteen days' written notice cancel this lease if shipments of ore have not been made for any preceding ninety-day period; PROVIDED, HOWEVER, that if lessee shall have conducted drilling operations with a minimum of 1000 feet of drilling, lessee shall have 180 days in which to commence production from and after the date of the last drilling conducted in any continuous drilling program.

This lease shall automatically be extended for a three-month period as defined in paragraph 7 above, for each three-month period following a three-month period during which ore has been produced during the preceding three-month period in the amount of 150 tons or more.

Failure to perform a minimum of five (5) eight-hour shifts per week for any thirty-day period, unless otherwise excused, shall ipso facto terminate this lease.

10. Upon termination of this lease lessee shall, without demand or further notice, deliver to lessor all of the premises hereinabove described, together with the appurtenances and improvements now on the premises or hereafter to be erected or constructed thereon by lessee, and all repairs and replacements that shall have been made by lessee during his possession of the said premises, in as good order and condition, ordinary wear and tear excepted, as the premises are in at the beginning of the term hereof, and the mine ready for work, acts of God, unavoidable actions of the elements, and accidents not arising from negligence excepted.

11. To pay promptly for all labor, materials and supplies to be performed or furnished to lessee or anyone under or in privity with him upon the said premises, and at all times to save and keep harmless the lessor and the said premises and every part thereof from any and all claims, demands, and liens on account of any such labor, materials and supplies, and during the entire life of this lease to post and keep conspicuously posted on said premises, and at the entrance of the workings, all notices furnished by lessor and notices in the following form, to-wit:

NOTICE
March 5, 1961

Notice is hereby given to all persons performing labor or service of any character or furnishing machinery or other materials or supplies, at any time to or in connection with the following described unpatented mining locations situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

The following lode mining claim more fully described in amended location certificates recorded in the records of the County Clerk and Recorder, County of Montrose, State of Colorado, in the book and page set forth herein after the name of said claim:

	BOOK	PAGE
The Blackfoot	468	227

or to any mine or mines therein located, or upon any of the property, real or personal, used in connection therewith, that the undersigned owners of the said above described mining claims and the improvements thereon and connected therewith, will not be responsible for any such labor, service, machinery, materials or supplies, nor shall the interests of any of the said owners be subject to any liens therefor. The said premises have been leased in part to JOE BALDWIN.

BEN L. WRIGHT, JR.
LEO FAGAN
IMOGENE FAGAN
OWNERS

IT IS MUTUALLY PROMISED, COVENANTED AND AGREED by and between the said lessor and the lessee as follows, to-wit:

12. Every covenant and agreement of this lease to be kept and performed by lessee is hereby declared to be a condition of the lease, for the breach of which lessor shall have the power to terminate this lease and the right to reenter upon the premises demised personally or by his agents or attorneys

without prejudice to any and all claims for damages which said lessor might have by reason of the violation of any covenant hereof by lessee. By the reentry of lessor upon a breach of condition, lessee shall be dispossessed of all his possessory rights and estate hereunder and lessor shall be thereby seized of and returned to his former estate, free and clear of any rights, liens or claims by reason of this instrument. In the event of breach of any covenant or condition of this lease by lessee to be kept and performed, lessor may, at his option, consider the lessee and all persons found in occupation of the premises herein demised as guilty of unlawful detainer, and proceed against them accordingly. PROVIDED, HOWEVER, no delay or delays caused by unavoidable accident, strike, fires, snow slides, acts of God or other matters beyond the reasonable control of lessee shall be considered or taken to be a breach of the covenants and conditions of this lease. Time is of the essence of the covenants of this lease.

The lessor expressly reserves to himself the property and rights of property in all minerals to be extracted from said premises during the term of this lease.

13. The lessee shall have the right, at his election, to surrender this mining lease and all of his rights thereunder unto lessor, at any time during the life of said lease. Prior to any such surrender, however, lessee shall give to lessor thirty (30) days' written notice of lessee's intention to terminate said contract and surrender up said leased premises. Any

such surrender or termination of said lease shall not operate to release or discharge lessee of liability for default on his part, occurring prior to the time of such surrender or termination, but shall only relieve lessee from the obligation of further development of the demised premises. Lessee shall have the right following the surrender of the demised premises, whether at the end of the term hereof, or upon forfeiture or surrender thereof, to remove from said premises as his property all supplies, tools, rail and pipe, mining machinery and equipment placed on said premises by and at the expense of lessee, within thirty (30) days after such surrender. Lessee's failure to remove his said property from the demised premises within the period allowed shall forfeit his right to remove same, whereupon said property shall revert to and without further consideration become the property of lessor.

14. In the event that the mills or buying stations will take ore only under an allotment from the A.E.C. for the property held by the lessor, then the lessor agrees to assign to the lessee a fair share of any allotment he may have for the entire property under his ownership.

15. Each and every clause, covenant and agreement of this lease shall be held and deemed to extend to the heirs, executors, administrators of each of the parties hereto.

_____
LESSOR

_____
LESSEE

APPROVED:

_____
Leo Fagan

_____
Imogene Fagan

Official
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O. M. E
RECEIVED APR 10 1961
DATE

AMENDMENT TO MINING LEASE

Nucla, Colorado
March 6, 1961

That certain lease made and entered into this day by and between JOE BALDWIN, party of the second part, and BEN L. WRIGHT, JR., TRUSTEE, party of the first part, is hereby amended as follows and each amendment herein shall be and is made a part of said lease.

1. Lessor and his predecessors in title have held title to the property herein leased since 1929. They have held under an A.E.C. lease and have performed work under a Defense Minerals Exploration Administration Loan. Four Corners Oil and Minerals Co., and Richard V. Ensle may claim some right, title or interest in and to the area covered by said Blackfoot Lode under junior locations called the San Miguel Nos. 4 and 15 claims. They filed a contest in the Bureau of Land Management, United States Department of Interior, Denver, Colorado, upon a theory concerning power sites which has been thoroughly repudiated by the Bureau of Land Management. Their contest was dismissed; but they may still attempt to claim some right, title or interest in the area in conflict. It also appears that the area may have been staked by other junior locators. This lessor does not recognize any of such locations as being superior to that of the Blackfoot claim, but he does not warrant that others will not attempt to assert rights. In the event proceeds from the sale of the ore are in his possession at such time as litigation is commenced, he will not be able to disburse the 70% due the lessee. In that event the terms of this lease shall be suspended

e of such litigation and the lessee may resume the conclusion of the litigation.

It is recognized that prior operators did not of the leads exposed in the workings. In particular oing downward were not followed as well as those ward which were easier to extract. Since many of rkings date back to 1929 or the 1930's, much timbering may be required to protect the workings for full development of ores bypassed. The "dead work" of timbering and other rehabilitation of workings will benefit both lessor and lessee. Therefore "dead work" costs will be deducted from the royalties and refunded to lessee up to fifteen per cent (15%) of the net royalties received by lessor, so that during the period the DMEA loan is unrepaid and uncancelled lessor shall receive only ten per cent (10%) royalty until the cost of the "dead work" is repaid. The cost of the "dead work" shall be considered the usual contract price in the area for such work, i.e., X dollars per set of timbers.

Pillars of ore left by prior operators should not be removed if this will impair the value of the property above the value of ores removed, or without first consulting with lessor.

3. Lessor may retain five per cent (5%) of the royalty to be refunded to lessee until the value of machinery leased to lessee shall be paid or the rental value is paid if lessee does not purchase such equipment or machinery.

during the time of such litigation and the lessee may resume operations at the conclusion of the litigation.

2. It is recognized that prior operators did not follow all of the leads exposed in the workings. In particular the leads going downward were not followed as well as those leading upward which were easier to extract. Since many of these workings date back to 1929 or the 1930's, much timbering may be required to protect the workings for full development of ores bypassed. The "dead work" of timbering and other rehabilitation of workings will benefit both lessor and lessee. Therefore "dead work" costs will be deducted from the royalties and refunded to lessee up to fifteen per cent (15%) of the net royalties received by lessor, so that during the period the DMEA loan is unrepaid and uncancelled lessor shall receive only ten per cent (10%) royalty until the cost of the "dead work" is repaid. The cost of the "dead work' shall be considered the usual contract price in the area for such work, i.e., X dollars per set of timbers.

Pillars of ore left by prior operators should not be removed if this will impair the value of the property above the value of ores removed, or without first consulting with lessor.

3. Lessor may retain five per cent (5%) of the royalty to be refunded to lessee until the value of machinery leased to lessee shall be paid or the rental value is paid if lessee does not purchase such equipment or machinery.

4. Work performed on other property held by the lessor at his request shall be considered as work performed on the leased premises and shall be taken into consideration in arriving at the number of shifts of labor to be performed under the lease and shall be considered as "dead work" for royalty purposes herein.

5. In the event of an assignment of this lease or any sublease, paragraph 2 of this amendment shall cease to have any force or effect.

6. The royalties shall not revert to the full 30% until all dead work has been repaid. Quarterly statements of dead work shall be submitted to lessor and unless lessor disagrees with such statements within fifteen (15) days, the statement shall be accepted as correct.

7. Exploratory drilling performed during the first six months of this lease shall be considered dead work for the purpose of the refunded royalty.

8. Lessor shall have no liability to pay for any dead work save and except from royalties produced by this lessee.

9. Four Corners Uranium or Ensle apparently have wrongly leased area covered by the adjoining Rattlesnake claim to Mathew, who has drilled out an ore body towards which a shaft or incline has recently been made. This lease shall except all that portion of the drilled out body of ore or ore which can best be removed from said shaft or incline. This

body probably lies outside this leased area, but its exact location is not yet determined. This lease shall not and does not include the one for which the shaft or incline was made.

_____
LESSOR

_____
LESSEE

APPROVED:

_____
Leo Fagan

_____
Imogene Fagan

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O. M. E
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DATE	INITIALS	[illegible]

AMENDMENT TO MINING LEASE

Nucla, Colorado
March 15, 1961

That certain lease dated March 6, 1961, by and between BEN L. WRIGHT, JR., and JOE BALDWIN is hereby amended as follows:

1. Said lease shall include all of the Blackfoot Lode Mining Claim and that part of the Rattlesnake Lode Mining Claim north of a line described as follows:

> Commencing at a point on the west side of said claim 500 feet south of the northwest corner of said claim; thence easterly to Corner #1 of the Red Fox Lode Mining Claim described in Book 448 at Page 19; thence southeasterly on the line from said Corner #1 of the Red Fox toward Corner #2 of the Red Fox to the point where it intersects the west side line of the Blackfoot Lode Mining Claim as described in Book 448 at Page 16.

The Blackfoot south of said line has been previously leased to Russell E. Mayfield.

2. The notice described on page 7 of the lease shall be amended by adding thereto after "The Blackfoot Book 466 Page 227" the figures and the words "The Rattlesnake 466 221."

3. In the event this lessee is not working that part of the Blackfoot Claim which overlies the Grey Fox Lode Mining Claim or has not performed work designed to prove ore upon such property, and lessor deems it advisable to enter into a separate lease which includes that area, lessee agrees to surrender such area to lessor so that it may be included in the other lease.

4. Except as herein modified the lease shall remain in full force and effect as shall all prior amendments thereto.

_____
LESSEE

_____
LESSOR

APPROVED:

_____
Leo Fagan

_____
Imogene Fagan

Official

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O. M. E
RECEIVED APR 10 1961

DATE	INITIALS	CODE

Nucla, Colorado
February 24, 1961

AGREEMENT AND MINING LEASE

That certain lease made and entered into this 24th day of February, 1961, by and between Ben L. Wright, Jr., Trustee, party of the first part, and Clifton A. Carter and/or Kenneth McBride, parties of the second part, is made and entered into upon the express understanding that lessor and his lessed lessors in title have held title to the property herein [illegible] or leased. They have held it as an A.E.C. lease and have performed work under the Defense Minerals Exploration Administration [illegible]. Four Corners Oil and Minerals Co. and [illegible] claim the right, title or interest in and to the [illegible] known as the Fairy King Lode under prior leases made on the San Miguel Nos. 5, 6, and/or 7 claims. That there is a contest in the Bureau of Land Management, United States Department of Interior, Denver, Colorado. That contest was dismissed but they may still attempt to claim some title or interest in the area in question. It is [illegible] they have been stalling other [illegible] Lessor does not know where and [illegible] superior to that of the Fairy King Claim, but [illegible] that claims will not [illegible] lessee [illegible] claims from the [illegible] of the [illegible] are in the possession of such time as litigation is concluded he will not be able to disburse the 70% due the lessees. In

that [illegible] terms of this lease shall be suspended during the [illegible] litigation and the lessee may resume operations on the conclusion of the litigation

LESSOR

LESSEE

LESSEE

APPROVED

Leo Fagan

Inogene Fagan

MINING LEASE

THIS LEASE made and entered into this 24th day of February, [illegible] by and between BEN L. WRIGHT, JR., TRUSTEE, parties of the first part, hereinafter called lessor, and CLIFTON [illegible] AND/OR KENNETH MCBRIDE, parties of the second part, hereinafter called lessees.

WITNESSETH:

[illegible] the first part for and in [illegible]

[illegible] of the agreement by lessees of the sum of Ten [illegible]

[illegible] and performance by lessees, their heirs [illegible] administrators, as hereinafter set forth, [illegible] leased, let and [illegible] these presents does hereby lease, let and demise unto the said lessees, their heirs, executors, and administrators, the following described portion of that [illegible] location situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

> All of that portion of the Fairy King Lode mining claim originally described in location notice recorded January 10, 1936 in book 201 at page 378 of the records of the County Clerk and Recorder, County of Montrose, State of Colorado, and numerous [illegible] amendments including the location certificate appearing in book 401 at page 254 of said records [illegible] as follows:
>
> Commencing at the northwesterly corner, being Corner No. 1; thence southeasterly to Corner No. 2; thence southwesterly 300 feet to a point on the side line between corner No. 2 and Corner No. 3; thence northwesterly 300 feet more or less and parallel to the end lines to the center line of said claim; thence northeasterly, and parallel to the side lines 300 feet to a point; thence northwesterly and parallel to the end lines a distance of 300 feet more or less to a point on the side line; thence northeasterly 600 feet to the point of beginning; excepting there-

MINING LEASE

THIS LEASE made and entered into this 24th day of February, [illegible] by and between BEN L. WRIGHT, JR., TRUSTEE, party of the first part, hereinafter called lessor, and [illegible] and/or KENNETH MORRIS, parties of the second part, hereinafter called lessees.

WITNESSETH:

That the said party of the first part, for and in consideration of the payment by lessees of the sum of Ten [illegible] Dollars [illegible] royalty hereinafter [illegible] and performed by lessees, their heirs, [illegible] administrators, as conditions hereof, has leased, let and demised and by these presents does hereby lease, let and demise unto the said lessees, their heirs, executors, and administrators, the following described portion of that [illegible] location situate in Vixen Mining District, [illegible] County, State of Colorado, to-wit:

All of that portion of the Fairy King Lode mining claim originally described in location notice recorded January 10, 1936 in book 201 at page 378 of the records of the County Clerk and Recorder County of Montrose, State of Colorado, and numerous [illegible] instruments including the location certificate appearing in book [illegible] page 254 of said records [illegible] as follows:

Commencing at the northwesterly corner, [illegible] Corner No. 1; thence southeasterly to Corner No. 2; [illegible] southwesterly 300 feet to a point on the side line between Corner No. 2 and Corner No. 3; thence northwesterly 300 feet more or less and parallel to the end lines to the center line of said claim; thence northeasterly, and parallel to the side lines 300 feet to a point; thence northwesterly and parallel to the end lines a distance of 300 feet more or less to a point on the side line; thence northeasterly 600 feet to the point of beginning; excepting there-

MINING LEASE

THIS LEASE, made and entered into this 24th day of February, 19[illegible] by and between BEN L. WRIGHT, JR., TRUSTEE, party of the first part, hereinafter called lessor, and CLIFTON F. CARTER AND/OR KENNETH McBRIDE, parties of the second part, hereinafter called lessees.

WITNESSETH:

That the said party of the first part, for and in consideration of the payment by lessees of the sum of Ten Dollars ($10.00) and the promises and covenants hereinafter mentioned, to be kept and performed by lessees, their heirs, executors and administrators, as conditions hereof, has leased, let and demised and by these presents does hereby lease, let and demise unto the said lessees, their heirs, executors, and administrators, the following described portion of that unpatented mining location situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

> All of that portion of the Fairy King Lode mining claim originally described in location notice recorded January 10, 1936 in book 201 at page 378 of the records of the County Clerk and Recorder, County of Montrose, State of Colorado, and numerous other instruments including the location certificate appearing at book 468 at page 224 of said records described as follows:
>
> Commencing at the northwesterly corner, being Corner No. 1, thence southeasterly to Corner No.2; thence southwesterly 340 feet to a point on the side line between corner No. 2 and Corner No. 3; thence northwesterly 300 feet more or less and parallel to the end lines to the center line of said claim; thence northeasterly, and parallel to the side lines 200 feet to a point; thence northwesterly and parallel to the end lines a distance of 300 feet more or less to a point on the side line; thence northeasterly 640 feet to the point of beginning: excepting there-

from all portions of the patented lode mining claim "Mary Queen" which lies over part of the western side hereof;

together with all the right, title and interest of the lessor in and to the lode veins and ore deposits within the boundary lines of said and all of the said properties, and all dumps on or appertaining to said properties, and the shafts, tunnels, workings, rights, privileges, hereditaments and appurtenances thereunto belonging or in any wise appertaining, and all of the interest which said lessor has in and to the improvements thereon or in connection therewith.

TO HAVE AND TO HOLD unto lessees for the purpose of mining, removing and selling ore therefrom for the term of one year from date hereof, expiring at noon on the 24th day of February, 1962, unless sooner forfeited or terminated, in accordance with the terms hereof, or extended in accordance with the terms hereof.

AND IN CONSIDERATION of such demise, lessees hereby covenant and agree with lessor and his successors and assigns, as follows, to-wit:

1. To enter upon and take possession of herein demised premises on or before March 15, 1961, for the purpose of exploring and developing the same, and of mining ore therefrom. Lessees shall continue to explore, develop and extract ore as long as such properties shall be commercially productive. They agree to commence shipment of ore as soon as practicable.

2. Lessees agree to carry proper and sufficient

Workmen's Compensation insurance at all times during the life of this lease so as to insure lessees and their employees hereunder against liability for industrial accidents and to save lessor from liability therefor, and to keep such notices respecting such insurance as may be required by law properly posted on said premises. Lessees further agree to furnish lessor a certificate of insurance or other proof of such insurance.

3. To allow said lessor or his agents, upon request, to enter upon and into any and every part of the said premises for the purpose of inspection, sampling and surveying.

4. To occupy and hold all lodes, spurs and mineral deposits, cross or parallel, of any kind or nature, which may be discovered by said lessees or any person in privity with them, in any manner, by working within or from the demised ground, as the property of said lessor, with the privilege to said lessees to work and mine the same as part of the aforesaid demised premises.

5. To timber well and sufficiently in accordance with good mining practice and to keep in good repair, drained and clear of loose rock and rubbish, where and as necessary for the proper working of this mine, unless prevented by extraordinary mining casualty, all the drifts, shafts, tunnels and other workings which may at any time, during the term of this lease, be used, driven or made by lessees; PROVIDED, HOWEVER, that lessees shall have the privilege of filling old stopes

with waste, according to the best modern mining practice. Lessees promise and covenant that promptly after the first day of January and July of each year during the life of this lease, they will cause to be made an accurate map prepared by competent mining surveyors showing all stopes that have been filled with waste, as above mentioned, and showing all new workings and developments and the true condition of all workings which may be accessible corrected to date, and lessees will furnish such map to lessor not less than thirty days after such date. Lessees agree that in the event of their failure to comply with the foregoing provision, lessor may cause such a map to be prepared at the expense of lessees, and lessees agree and covenant to promptly pay all expense thus incurred at the time of their accrual.

6. To make all shafts at least 8 feet by 4 feet in the clear, and all drifts at least 6-1/2 feet high by 4-1/2 feet wide in the clear.

7. To furnish to lessor by the 1st day of June, September, December, and March during the time which demised premises are actually worked by lessees, a complete statement for the previous three (3) calendar months, showing all shipments of ore or other material, if any, and all labor shifts performed and money expended by lessees upon said premises during the previous three (3) calendar months, together with duplicates of all drill logs, maps and assays.

8. Lessees shall cause to be paid to lessor promptly, a royalty, thirty percent (30%) of all ores or other

material extracted and removed from the demised premises during the life of this lease. Said royalty shall include any bonus payments, and development allowance but shall not include any transportation allowance. It is understood and agreed that repayment of five percent (5%) of total ore sales shall be set aside from said thirty percent (30%) royalty for repayment of D.M.E.A. loan #2618 to the United States Government until such loan is fully discharged. All taxes including production taxes shall be borne thirty percent (30%) by lessor and seventy percent (70%) by lessees. Lessees may ship under their permit but any buying station or mill purchasing ores from the demised premises shall be informed of the royalty agreement and instructed to divide the proceeds from sale of ores and send the checks to the parties concerned. In the event the buying station or mill purchasing the ores will not so divide the proceeds then the proceeds from the sale of ore will be paid to Ben L. Wright, Jr., 718 Symes Building, Denver, Colorado, and he shall within five (5) days after the receipt of any check for ores purchased remit the seventy percent (70%) to the lessees at Nucla, Colorado, unless prevented from doing so by court order, as hereinafter explained in paragraph 14.

9. Lessor may upon fifteen days' written notice cancel this lease if shipments of ore have not been made for any preceding ninety-day period; PROVIDED, HOWEVER, that if lessees shall have conducted drilling operations with a minimum

of 1000 feet of drilling, lessees shall have 180 days in which to commence production from and after the date of the last drilling conducted in any continuous drilling program.

This lease shall automatically be extended for a three-month period as defined in paragraph 7 above, for each three-month period following a three-month period during which ore has been produced during the preceding three-month period in the amount of 150 tons or more.

Failure to perform a minimum of five (5) eight-hour shifts per week for any thirty-day period, unless otherwise excused, shall ipso facto terminate this lease.

10. Upon termination of this lease lessees shall, without demand or further notice, deliver to lessor all of the premises hereinabove described, together with the appurtenances and improvements now on the premises or hereafter to be erected or constructed thereon by lessees, and all repairs and replacements that shall have been made by lessees during their possession of the said premises, in as good order and condition, ordinary wear and tear excepted, as the premises are in at the beginning of the term hereof, and the mine ready for work, acts of God, unavoidable actions of the elements, and accidents not arising from negligence excepted.

11. To pay promptly for all labor, materials and supplies to be performed or furnished to lessees or anyone under or in privity with them upon the said premises, and at all times to save and keep harmless the lessor and the said

premises and every part thereof from any and all claims, demands and liens on account of any such labor, materials and supplies, and during the entire life of this lease to post and keep conspicuously posted on said premises, and at the entrance of the workings, all notices furnished by lessor and notices in the following form, to-wit:

NOTICE
February 24, 1961

Notice is hereby given to all persons performing labor or service of any character or furnishing machinery or other materials or supplies, at any time to or in connection with the following described unpatented mining locations situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

The following lode mining claim more fully described in amended location certificates recorded in the records of the County Clerk and Recorder, County of Montrose, State of Colorado, in the book and page set forth herein after the name of said claim:

	BOOK	PAGE
The Fairy King	468	224

or to any mine or mines therein located, or upon any of the property, real or personal, used in connection therewith, that the undersigned owner of the said above described mining claims and the improvements thereon and connected therewith, will not be responsible for any such labor, service, machinery, materials or supplies, nor shall the interests of any of the said owners be subject to any liens therefor. The said premises have been leased in part to CLIFTON A. CARTER AND KENNETH McBRIDE.

BEN L. WRIGHT, JR.
LEO FAGAN
IMOGENE FAGAN
OWNERS

IT IS MUTUALLY PROMISED, COVENANTED AND AGREED by and between the said lessor and the lessees as follows, to-wit:

12. Every covenant and agreement of this lease to be kept and performed by lessees is hereby declared to be a condition of the lease, for the breach of which lessor shall have the power to terminate this lease and the right to re-enter upon the premises demised personally or by his agents or attorneys without prejudice to any and all claims for damages which said lessor might have by reason of the violation of any covenant hereof by lessees. By the re-entry of lessor upon a breach of condition, lessees shall be dispossessed of all their possessory rights and estate hereunder and lessor shall be thereby seized of and returned to his former estate, free and clear of any rights, liens or claims by reason of this instrument. In the event of breach of any covenant or condition of this lease by lessees to be kept and performed, lessor may, at his option, consider the lessees and all persons found in occupation of the premises herein demised as guilty of unlawful detainer, and proceed against them accordingly. PROVIDED, HOWEVER, no delay or delays caused by unavoidable accident, strike, fires, snow slides, acts of God or other matters beyond the reasonable control of lessees shall be considered or taken to be a breach of the covenants and conditions of this lease. Time is of the essence of the covenants of this lease.

The lessor expressly reserves to himself the property and rights of property in all minerals to be

extracted from said premises during the term of this lease.

13. The lessees shall have the right, at their election, to surrender this mining lease and all of their rights thereunder unto lessor, at any time during the life of said lease. Prior to any such surrender, however, lessees shall give to lessor thirty (30) days' written notice of lessees' intention to terminate said contract and surrender up said leased premises. Any such surrender or termination of said lease shall not operate to release or discharge lessees of liability for default on their part, occurring prior to the time of such surrender or termination, but shall only relieve lessees from the obligation of further development of the demised premises. Lessess shall have the right following the surrender of the demised premises, whether at the end of the term hereof, or upon forfeiture or surrender thereof, to remove from said premises as their property all supplies, tools, rail and pipe, mining machinery and equipment placed on said premises by and at the expense of lessees, within thirty (30) days after such surrender. Lessees' failure to remove their said property from the demised premises within the period allowed shall forfeit their right to remove same, whereupon said property shall revert to and without further consideration become the property of lessor.

14. In the event that the mills or buying stations will take ore only under an allotment from the A.E.C. for

the property held by the lessor, then the lessor agrees to assign to the lessees a fair share of any allotment he may have for the entire property under his ownership.

15. Each and every clause, covenant and agreement of this lease shall be held and deemed to extend to the heirs executors, administrators of each of the parties hereto.

_____
LESSOR

_____
LESSEE

Allen A Carter
_____
LESSEE

APPROVED:

_____
Leo Fagan

_____
Imogene Fagan

Official
~~EXTRA~~ COPY
O. M. E
RECEIVED APR 10 1961
DATE | INITIALS | CODE

MINING LEASE

THIS LEASE, made and entered into this 15th day of March, 1961, by and between BEN L. WRIGHT, JR., TRUSTEE, party of the first part, hereinafter called lessor, and RUSSELL E. MAYFIELD, Box 596, Nucla, Colorado, party of the second part, hereinafter called lessee;

W I T N E S S E T H:

That the said party of the first part, for and in consideration of the payment by lessee of the sum of Ten Dollars ($10.00) and the premises and covenants hereinafter expressed, to be kept and performed by lessee, his heirs, executors and administrators, as conditions hereof, has leased, let and demised, and by these presents does hereby lease, let and demise unto the said lessee, his heirs, executors, and administrators, the following described portion of that unpatented mining location situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

> All that part of the Rattlesnake Lode Mining Claim, originally described in location notice recorded September 6, 1929 in Book 201 at Page 289 of the records of the County Clerk and Recorder County of Montrose, State of Colorado, and numerous other instruments including location certificate recorded in Book 448 at Page 16 of said records described as follows:
>
> Commencing at a point on the west side of said claim 500 feet south of the northwest corner of said claim; thence easterly to Corner #1 of the Red Fox Lode Mining Claim described in Book 448 at Page 10; thence southeasterly on the line from said Corner #1 of the Red Fox toward Corner #2 of said claim to the point where it intersects the west side line of the Blackfoot Lode Mining Claim as described in

Book 448 at Page 12; thence southerly along said westerly line to the southwest corner of the said Blackfoot Lode Mining Claim; thence easterly along the south end line of said Blackfoot Claim [illegible] east side line of the Rattlesnake Claim; thence southerly to the southeast corner of the Rattlesnake Claim; thence along the south end line of the Rattlesnake Claim to the southwest corner; thence northerly along the west side line of the Rattlesnake Claim to the point of beginning. Excepting therefrom all that part of the Fairview Lode Mining Claim described in Book 408 at Page 224 and as marked upon the ground by recent survey.

together with all the rights, title and interest of the lessor in and to the lode veins and ore deposits within the boundary lines of each and all of the said properties, and all dumps on or appertaining to said properties, and the shafts, tunnels, waterways, rights, privileges, hereditaments and appurtenances thereunto belonging or in any wise appertaining, and all of the interest which said lessor has in and to the improvements thereon or thereunto appertaining therewith.

TO HAVE AND TO HOLD unto lessee for the purpose of mining, removing and selling ore therefrom for the term of one year from date hereof, expiring at noon on the 15th day of March, [illegible] unless sooner forfeited or terminated, in accordance with the terms hereof or extended in accordance with the terms hereof.

AND IN CONSIDERATION of such demise lessee hereby covenants and agrees with lessor and his heirs, successors and assigns as follows, to-wit:

1. To enter upon and take possession of herein de-

mised premises on or before March 15, 1961, for the purpose of exploring and developing the same, and of mining ore therefrom. Lessee shall continue to explore, develop and extract ore as long as such properties shall be commercially productive. He agrees to commence shipment of ore as soon as practicable.

2. Lessee agrees to carry proper and sufficient Workmen's Compensation insurance at all times during the life of this lease so as to insure lessee and his employees hereunder against liability for industrial accidents and to save lessor from liability therefor, and to keep such notices respecting such insurance as may be required by law properly posted on said premises. Lessee further agrees to furnish lessor a certificate of insurance or other proof of such insurance.

3. To allow said lessor or his agents, upon request, to enter upon and into any and every part of the said premises for the purpose of inspection sampling and surveying.

4. To occupy and hold all lodes, spurs and mineral deposits, cross or parallel, of any kind or nature, which may be discovered by the said lessee or any person in privity with him, in any manner, by working within or from the demised ground, as the property of said lessor, with the privilege to said lessee to work and mine the same as part of the aforesaid demised premises.

5. To timber well and sufficiently in accordance with good mining practice and to keep in good repair, drained and

clear of loose rock and rubbish, where and as necessary for the proper working of this mine. unless prevented by extraordinary mining casualty, all the drifts, shafts, tunnels and other workings which may at any time, during the term of this lease, be used, driven or made by lessee; PROVIDED, HOWEVER, that lessee shall have the privilege of filling old stopes with waste, according to the best modern mining practice. Lessee promises and covenants that promptly after the first day of January and July of each year during the life of this lease he will cause to be made an accurate map prepared by competent mining surveyors showing all stopes that have been filled with waste as above mentioned, and showing all new workings and developments and the true condition of all workings which may be accessible corrected to date. and lessee will furnish such map to lessor not less than thirty days after such date. Lessee agrees that in the event of his failure to comply with the foregoing provision, lessor may cause such a map to be prepared at the expense of lessee, and lessee agrees and covenants to promptly pay all expense thus incurred at the time of their accrual.

6. To make all shafts at least 8 feet by 4 feet in the clear, and all drifts at least 6-1/2 feet high by 4-1/2 feet wide in the clear.

7. To furnish to lessor by the 1st day of June, September, December, and March during the time which demised premises are actually worked by lessee, a complete statement for the previous three (3) calendar months, showing all ship-

ments of ore or other material, if any, and all labor shifts performed and money expended by lessee upon said premises during the previous three (3) calendar months, together with duplicates of all drill logs, maps and assays.

8. Lessee shall cause to be paid to lessor promptly, a royalty, thirty per cent (30%) of all ores or other material extracted and removed from the demised premises during the life of this lease. Said royalty shall include any bonus payments, and development allowance, but shall not include any transportation allowance. It is understood and agreed that repayment of five per cent (5) of total ore sales shall be set aside from said thirty per cent (30%) royalty for repayment of D.M.E.A. loan #2618 to the United States Government until such loan is fully discharged. All taxes including production taxes shall be borne thirty per cent (30%) by lessor and seventy per cent (70%) by lessee. Any buying station or mill purchasing ores from the demised premises shall be informed of the royalty agreement and instructed to divide the proceeds from sale of ores and send the checks to the parties concerned. In the event the buying station or mill purchasing the ores will not so divide the proceeds, then the proceeds from the sale of ore will be paid to Ben L. Wright, Jr., 718 Symes Building, Denver, Colorado, and he shall within five (5) days after the receipt of any check for ores purchased remit the seventy per cent (70%) to the lessee at Nucla, Colorado, unless prevented from doing so by court order, as hereinafter explained in paragraph 14.

9. Lessor may upon fifteen days' written notice

cancel this lease if shipments of ore have not been made for any preceding ninety-day period; PROVIDED, HOWEVER, that if lessee shall have conducted drilling operations with a minimum of 1000 feet of drilling, lessee shall have 180 days in which to commence production from and after the date of the last drilling conducted in any continuous drilling program.

This lease shall automatically be extended for a three-month period as defined in paragraph 7 above, for each three-month period following a three-month period during which ore has been produced during the preceding three-month period in the amount of 150 tons or more.

Failure to perform a minimum of five (5) eight-hour shifts per week for any thirty-day period, unless otherwise excused, shall ipso facto terminate this lease.

10. Upon termination of this lease lessee shall, without demand or further notice, deliver to lessor all of the premises hereinabove described, together with the appurtenances and improvements now on the premises or hereafter to be erected or constructed thereon by lessee, and all repairs and replacements that shall have been made by lessee during his possession of the said premises, in as good order and condition, ordinary wear and tear excepted, as the premises are in at the beginning of the term hereof, and the mine ready for work, acts of God, unavoidable casualties of the elements, and accidents not arising from negligence excepted.

11. To pay promptly for all labor, materials and supplies to be performed or furnished to lessee or anyone

under or in privity with him upon the said premises, and at all times to save and keep harmless the lessor and the said premises and every part thereof from any and all claims, demands, and liens on account of any such labor, materials and supplies, and during the entire life of this lease to post and keep conspicuously posted on said premises, and at the entrance of the workings, all notices furnished by lessor and notices in the following form, to-wit:

NOTICE
March 15, 1961

Notice is hereby given to all persons performing labor or service of any character or furnishing machinery or other materials or supplies, at any time to or in connection with the following described unpatented mining locations situate in Vixen Mining District, Montrose County, State of Colorado, to-wit:

The following lode mining claim more fully described in amended location certificates recorded in the records of the County Clerk and Recorder, County of Montrose, State of Colorado, in the book and page set forth herein after the name of said claim:

	BOOK	PAGE
The Rattlesnake	468	221

or to any mine or mines therein located, or upon any of the property, real or personal, used in connection therewith, that the undersigned owners of the said above described mining claims and the improvements thereon and connected therewith, will not be responsible for any such labor, service, machinery materials or supplies, nor shall the interests of any of the said owners be subject to any liens therefor. The said premises have been leased in part to RUSSELL E. MAYFIELD.

BEN L. WRIGHT, JR.
LEO FAGAN
IMOGENE FAGAN
OWNERS

IT IS MUTUALLY PROMISED, COVENANTED AND AGREED by and between the said lessor and the lessee as follows, to-wit:

12. Every covenant and agreement of this lease to be kept and performed by lessee is hereby declared to be a condition of the lease, for the breach of which lessor shall have the power to terminate this lease and the right to reenter upon the premises demised personally or by his agents or attorneys without prejudice to any and all claims for damages which said lessor might have by reason of the violation of any covenant hereof by lessee. By the reentry of lessor upon a breach of condition, lessee shall be dispossessed of all his possessory rights and estate hereunder and lessor shall be thereby seized of and returned to his former estate, free and clear of any rights, liens or claims by reason of this instrument. In the event of breach of any covenant or condition of this lease by lessee to be kept and performed, lessor may, at his option, consider the lessee and all persons found in occupation of the premises herein demised as guilty of unlawful detainer, and proceed against them accordingly. PROVIDED, HOWEVER, no delay or delays caused by unavoidable accident, strike, fires, snow slides, acts of God or other matters beyond the reasonable control of lessee shall be considered or taken to be a breach of the covenants and conditions of this lease. Time is of the essence of the covenants of this lease.

The lessor expressly reserves to himself the property and rights of property in all minerals to be extracted from said premises during the term of this lease.

13. The lessee shall have the right, at his election, to surrender this mining lease and all of his rights thereunder unto lessor, at any time during the life of said lease. Prior to any such surrender, however, lessee shall give to lessor thirty (30) days' written notice of lessee's intention to terminate said contract and surrender up said leased premises. Any such surrender or termination of said lease shall not operate to release or discharge lessee of liability for default on his part, occurring prior to the time of such surrender or termination, but shall only relieve lessee from the obligation of further development of the demised premises. Lessee shall have the right following the surrender of the demised premises, whether at the end of the term hereof, or upon forfeiture or surrender thereof, to remove from said premises as his property all supplies, tools, rail and pipe, mining machinery and equipment placed on said premises by and at the expense of lessee, within thirty (30) days after such surrender. Lessee's failure to remove his said property from the demised premises within the period allowed shall forfeit his right to remove same, whereupon said property shall revert to and without further consideration become the property of lessor.

14. In the event that the mills or buying stations will take ore only under an allotment from the A.E.C. for the property held by the lessor, then the lessor agrees to assign to the lessee a fair share of any allotment he may have for the entire property under his ownership.

15. Each and every clause, covenant and agreement of this lease shall be held and deemed to extend to the heirs, executors, administrators of each of the parties hereto.

_____
LESSOR

_____
LESSEE

APPROVED:

_____
Leo Fagan

_____
Imogene Fagan

OPTIONAL FORM NO. 10

UNITED STATES GOVERNMENT

Memorandum

TO : Mr. Murphy - OME

DATE: April 3, 1961

FROM : Charles M. Soller

SUBJECT: DMEA-2618

I don't believe you have fully answered Connor's memo, particularly the last paragraph, and suggest the following as a substitute for the last paragraph of your memo:

> "Although the Government cannot force an Operator to defend his rights to the land under contract, it can and should hold him liable for royalty on any production therefrom, even though such production is by a third party."

CMSoller

INT. Form 7
(12-56)

Date	Surname	Code
4/4	Murphy	500
	Griswold	500
4/5	Talbert	800
	Soller	140
4/7	Johnson	110
4-7	gad	220
4/7	Sedridge on leave	180
		140

INTERIOR DEPT.
APR 5 - 1961
SOLICITOR

APR 7 1961

Memorandum

To: Acting Field Officer, Region III

From: ACTING Chief, Division of Field Operations

Subject: DMEA-2618 (Uranium)
Uranium Development Corporation
Blackfoot Claims
Montrose County, Colorado
Contract Idm-E452

This is with reference to your memorandum of March 27, 1961, requesting advice regarding the Government's position in defending its rights under the terms of an exploration contract.

The subject contract, in part, states that the Operator shall not make any voluntary nor permit any involuntary transfer or * conveyance of the Operator's rights in the land; also, that should the Operator take such action it would remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production.

Although the Government cannot force an Operator to defend his rights to the land under contract, it can and should hold him liable for royalty on any production therefrom, even though such production is by a third party.

/s/ W. R. Griswold (2/2)

FMMurphy/CMSoller/gla
4-4-61
cc to: Director's Reading File
Review Committee
Docket
Code 500

* "without making suitable provision for the prevention of the Government's royalty etc" ?? Wright acquired property under such agreement, but title vested with Seth. Talbert 12/13/61

3623

MME Form 7
(10-58)

LR

INTERIOR DEPT.
MAR 31 1961
SOLICITOR

OFFICIAL FILE COPY

Date	Surname	Code
3/30	Murphy	500
	[illegible]	500
		140
		140
		800
		130
		110
		220

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Fiel Operations

Subject: DMEA-2618 (Uranium)
Uranium Development Corporation
Blackfoot ~~Group~~
Montrose County, Colora
Contract Idm-E452

This is with reference to your memorandum of March 27, 1961, requesting advice regarding the Government's position in defending its rights under the terms o an exploration contract.

In ~~an executed~~ contract the operator ~~guarantees~~ it has rights to the land ~~sufficient for the purpos of the contract and the Government accepts~~ this ~~guarantee (see BLM Circular 2[illegible] (Revised) Memo 24, 1955)~~. The subject contract, in rt, states that the Operator shall not make any voluntary nor rmit any involuntary transfer or conveyance of the Operator's righ in the land; also, that should the Operator take such action it uld remain liable for payment to the Government of the same amots, at the same times, as would have been paid under the terms ofhe percentage royalty on production.

The Government cannot take any acon to force the Operator to protect the Operator's rights to e land. The Government holds the Operator liable for payment o its percentage royalty on production from the land and will or take such action as it deems necessary to protect this interes

RECEIVED
MAR 31 1961
ASSOC. SOLICITOR
MINERAL RESOURCES

FMMurphy/gla
3-30-61
cc to: Director's Reading File
Review Committee
Docket
Code 500

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY
O. M. E
RECEIVED MAR 29 1961

DATE	INITIALS	CODE
3/29	Cae	210
3/44	400	120
"	Murphy	800
		500
		220

March 27, 1961

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. 2618 (Uranium-~~Vanadium~~) not in control of Fed Gov
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot Group)
Montrose County, Colorado

Enclosed are two copies of a letter from Benjamin L. Wright, Jr. dated March 24, 1961 and two copies of my reply.

A search of the AEC records for 1960 shows no ore was shipped by Ensle, however, Four Corners Uranium shipped ore from the following claims:

Evening Star	2nd and 3rd quarters
Marjorie Ann	3rd and 4th quarters
Mainstreet	3rd and 4th quarters

These claims may or may not be the claims in conflict with the Blackfoot Group.

I consider that we have been very fortunate to date in not having more conflicts in the Plateau Area than the two we now have. Article 2 of the Contract provides that "The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract." On claim boundary disputes how far can I go in forcing the Operator to protect his rights and the Government's rights? This Operator is an attorney and will not shy off from a settlement in court. But if he loses in court, what action would we take against him because he has represented in the contract, or through a Consent to Lien, that he holds legal title to the entire subordinated area.

In the case of David Rowland, Uranium Prospects Company Limited, Contract Idm E792, this Operator and the holder of the adjoining claims

DMEA-3620

which are in conflict, both refuse to go to court to settle the boundary dispute, claiming that the court costs would be prohibitive, for the amount at stake.

Will you please advise me the DMEA and OME policy regarding claim boundary disputes, especially where ore has been removed, or suspicioned to have been removed, and royalty has not been paid to the Government.

Hugh M. Connors

Hugh M. Connors

Attachments

Building 20 - Federal Center
Denver 25, Colorado

RECEIVED
EXTRA COPY
O. M. E.

March 27, 1961

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

Thank you for your letter of March 24, 1961.

When your surveyor completes the claim map of the Blackfoot group, will you please forward this office two copies of that map. We also require two copies of the lease on the Fairy King Lode Mining Claim and two copies of the lease on the remaining claims.

I like, very much, the provision for the payment of royalty which you stated both leases contained.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME
Contract Corres E452
Chron

(2)

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
MAR 27 1961
REGION III
DENVER, COLORADO

March 24, 1961

U. S. Department of Interior
Office of Mineral Exploration
Building 20
Federal Center
Denver 25, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region 3

Re: Docket No. 2618
Contract No. IDM-E452
Uranium Development Corporation
Blackfoot Group

Gentlemen:

Since my phone call to you of February 6, 1961, I made a trip to the property. While there I talked to the people on the ground. They were employees of a lessee of Four Corners and Ensle. Since that time, that lessee has surrendered his lease from Ensle and Four Corners and has taken a lease from me. It is currently anticipated that he will make shipments in the relatively near future. Prior to the signing of this lease, another lease was entered into covering a fraction of the Fairy King Lode Mining Claim. I believe that shipments have already made from this lease. In addition, two other leases have been entered into. You will undoubtedly receive some small payment on the loan when checks are sent out for the period ending March 31.

There is a rumor floating around that Four Corners and/or Ensle will attempt to get an injunction against our operating the property. I assume that if they do so, it will be on the assumption that if they hold us up in litigation, we will lose considerable amount of production and therefore will come to some type of settlement with them. In short, I would consider it something of a strike suit.

OME
DEPARTMENT OF THE INTERIOR
MAR 27 1961
REGION III
DENVER, COLORADO

I have had an independent surveyor on the property performing the preliminary, etc. work for taking the properties to patent. I started this on the assumption that patented mining claims would be respected. This assumption may or may not be correct.

I was unable to find out from the AEC what amount of allotment I might expect to receive for these properties. I left with the impression, however, that they planned to give this property a pretty good allotment. At this particular time it seems that shipments can be made without an allotment. I am, therefore, urging all of the lessees to quickly make shipments. It is my feeling that if we show that the property can produce some good tonnages, they will be more lenient with us when the allotments are finally passed out.

The leases which I have made to date contain the language, in part:

> "* * * It is understood and agreed that the repayment of 5% of the total ore sales shall be set aside from said _____% royalty for payment of DMEA loan #2618 to the United States Government until such loan is fully discharged. * * * Any buying station or mill purchasing ore from the demised premises shall be informed of the royalty agreement and instructed to divide the proceeds from sale of ores and send the checks to the parties concerned."

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW/bj

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAR 27 1961

DATE	INITIALS	CODE
3/27	gad	VVO
3/27	[illegible]	800
3/27	Murphy	500
		VVO

Building 20 - Federal Center
Denver 25, Colorado

March 23, 1961

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

This has further reference to your telephone call of February 6, 1961 regarding the status of the captioned property.

Will you please advise the results of your trip to the property so that we may know that the Government's interest in the property is being protected.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME (2)
Royalty Corres E452
Chron

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 3 1961

DATE	INITIALS	CODE
4-3	gad	220
4-4	[illegible]	800
	Murphy	500
		220

Building 20 - Federal Center
Denver 25, Colorado

March 30, 1961

Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot Group)
Montrose County, Colorado

Dear Mr. Wright:

Thank you for your letter of March 28, 1961 regarding the copies of leases. If you will forward me the original of each lease or other pertinent documents, we will make the necessary copies here and return the originals to you.

Will you please advise the names of the mining claims which are in conflict with your claims. I will very much appreciate your advice from time to time on the progress you are making in settling the claim boundary dispute.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Royalty Corres E452
Chron
Chief, Division of Field Operations, OME

(2)

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
MAR 29 1961
REGION III
DENVER, COLORADO

March 28, 1961

OFFICIAL FILE COPY
O. M. E
RECEIVED APR 3 1961

DATE	INITIALS	CODE
		✓

United States Department of Interior
Office of Minerals Exploration
Building 20 - Federal Center
Denver 25, Colorado

Attention: Hugh M. Connors
Acting Field Officer, OME
Region III

Re: Docket No. 2618
Contract No. Idm E452
Blackfoot Group

Gentlemen:

This will acknowledge receipt of your letter of March 27, 1961. We will of course be glad to supply you with two copies of the claim map on the Blackfoot Group when it is complete.

Your request, however, for two copies of each of the contracts or leases is somewhat difficult to fulfill. If thermofax copies will suffice, would you please advise me. There are four leases with certain addendum. This would run somewhere between 40 and 50 pages, which would cost me the use of my secretary for a good two days.

I believe that previously I would send your office the original of the document and copies could be made there.

The thermofax machine which I have in this office is quite old and the copies are not too good or durable.

We are currently negotiating two further leases. It will probably be another two weeks before these become finalized, if they do.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW/bj

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY
O. M. E
RECEIVED FEB 10 1961

DATE	INITIALS	CODE
2-10	gad	220
2/10	[illegible]	170
2/13	[illegible]	800
~~2/13~~	~~Murphy~~	~~500~~
		220

February 6, 1961

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot group)
Montrose County, Colorado

Mr. Benjamin L. Wright, Jr. telephoned this office today that he has been informed ore is about to be shipped from the disputed ground of the subject Contract.

He stated that he is making a trip to this property accompanied by a surveyor. If he finds that the ore in question is from subordinated ground he will advise this office. It is his hope that if the ore is from subordinated ground that you will request the buyer of the ore to withhold payment pending decision of proper ownership of the ore.

Hugh M. Connors

Hugh M. Connors

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 26 1960

DATE	INITIALS	CODE
9-26	gad	VNO
"	LEF	800
9/27	Murphy	500
		225

September 21, 1960

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. 2618 (Uranium-Vanadium)
Contract No. Idm E452
Uranium Development Corporation
(Blackfoot group)
Montrose County, Colorado

Reference is made to the Benjamin L. Wright, Jr. letter to Mr. James Townsend, dated January 15, 1960, a copy of which was attached to the Semiannual Report of Certified Projects for the period ending December 31, 1959.

Mr. Wright, advised this office by telephone September 20, 1960, that ownership of the property may be resolved in favor of his side on the basis of a recent decision made by the Bureau of Land Management. The decision could result in reopening of the mine for production.

Hugh M. Connors

Hugh M. Connors

TMR/lm
cc w/orig. to Chief, Division of Field Operations
Semiannual E452
Chron

OME
DEPARTMENT OF THE INTERIOR
JAN 18 1960
REGION III
DENVER, COLORADO

BENJAMIN L WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 26 1960

DATE	INITIALS	CODE

January 15, 1960

Mr. James Townsend
c/o Office of Minerals Exploration
Department of Interior
Denver Federal Center
Denver, Colorado

Re: Contract No. IDM-E 452

Dear Mr. Townsend:

I know of no production on the property covered under Contract No. IDM-E 452 since settlement made March 22, 1959, under Liquidation Order No. 9251. This was, to the best of my knowledge, the settlement on the final shipment made under lease to Thermer Labrum.

Several individuals have indicated that they wished to obtain a lease on the property. However, due to the overstaking by Richard V. Ensle and another individual, it has been my opinion that I could not safely lease the property until the question of ownership is fully resolved. Richard V. Ensle and Four Corners Oil and Minerals Company filed a contest before the Bureau of Land Management. I have filed an answer. A copy of the answer has been furnished you. I have also loaned you my copy of the complaint, so that you could reproduce it.

I have been informed that the United States Circuit Court of Appeals for the Northern District of California has under consideration a case which could throw considerable light on the contest which we are engaged in. I had anticipated that a decision in that case in California would have been reached before now. I do anticipate that a decision will be reached in the relatively near future. At that time, negotiations towards a settlement in the contest at hand should go forward.

If negotiations are not satisfactory to me, I will probably proceed with the contest which has been filed in the Bureau of Land Management. I am of the opinion that the factual situation involved in the contest in which I am involved is far stronger for my side than is the factual situation under consideration by the Circuit Court of Appeals. In other words, I feel that the case in which I am involved in before the Bureau of Land Management should be won regardless of the outcome of the California case.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj

W.O. (2)

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUN 3 1960

DATE	INITIALS	CODE
6-3	gad	VVO
6/9	[illegible]	800
~~[illegible]~~		~~500~~
		225

Building 20 - Federal Center
Denver 25, Colorado

May 31, 1960

Mr. Ben L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 18, Colorado

Re: Docket No. DMEA 2618 (Uranium)
Contract No. Ida-E452
Uranium Development Corporation
(Blackfoot group of claims)
Montrose County, Colorado

Dear Mr. Wright:

Enclosed is your copy of the Report of Royalty Review covering the period January 5, 1956, through May 9, 1960.

Very truly yours,

Original signed by

Hugh M. Connors
Acting Field Officer
OME, Region III

Enclosure

HMC/lm
cc: Chief, Division of Field Operations (2)
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E 452
Chron

Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY O. M. E. RECEIVED JUN 3 1960		
DATE	INITIALS	CODE

May 31, 1960

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D.C.

From: Hugh M. Cammors, Acting Field Officer, OME, Region III

Subject: Docket No. MMRA 2618 (Uranium)
Contract No. Ym-[illegible]
Uranium Development Corporation
(Blackfoot group of claims)
Montrose County, Colorado

Attached is the original of the Report of Royalty Review on the subject contract covering the period January 5, 1956, through May 9, 1960.

Original signed by

Hugh M. Cammors

Enclosure
HMC/lm
cc: Chief, Division of Field Operations (2)
Royalty Corres. E 360
Chron

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 7 1959

DATE	INITIALS	CODE
10/7	KCW	225
10/7	[illegible]	BCC
~~10/8~~	~~[illegible]~~	~~BCC~~
		235

Building 20 - Federal Center
Denver 25, Colorado

October 5, 1959

Mr. Ben L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 18, Colorado

RE: Docket No. DMEA 2618
Contract No. Idm-E 452 (Uranium)
Uranium Development Corporation
Montrose County, Colorado

Dear Mr. Wright:

Enclosed herewith please find the copy of the Complaint which you so kindly forwarded by your letter of October 2, 1959, so that we might make copies of it for our records.

Your courtesy in this matter is greatly appreciated.

Sincerely yours,

Original signed by

J. W. Townsend
Executive Officer
OME Field Team, Region III

Enclosures

JWT:ss

cc: Chairman, Operating Committee (2)
Royalty Correspondence E-452
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

Building 20 - Federal Center
Denver 25, Colorado

October 5, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 7 1959

DATE	INITIALS	CODE
10/7	RCW	225
10/7	GEB	800
~~10/8~~	~~Murphy~~	~~500~~
		225

Memorandum

To: Chairman, Operating Committee, OME Washington, D. C.

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. DMEA 2618, Contract No. Idm-E452 (Uranium)
Uranium Development Corporation, Montrose County, Colo.

Enclosed for your records are the following pertaining to legal action initiated which is concerned with the mining claims subordinated under the subject contract:

1. Letter from Ben L. Wright, Jr., dated October 2, 1959, with attached Complaint by Richard V. Ensle and Four Corners Oil & Minerals Co., Contestants, vs. Uranium Development Corp., Glen Berry, Contestees.

2. Letter from Ben L. Wright, Jr., dated September 30, 1959 with attached copy of his Answer to the Complaint under Item 1 above.

Mr. Wright advised that he would keep this office informed as to the program of the legal action.

J. W. Townsend

Enclosures

JWT:ss

cc: Royalty correspondence E-452
Chron.

OFFICIAL FILE COPY
O M E
RECEIVED OCT 7 1959

DATE	INITIALS	CODE

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
OCT 5 1959
REGION III
DENVER, COLORADO

October 2, 1959

Mr. James Townsend
Office of Minerals Exploration
Department of Interior
Denver Federal Center
Denver, Colorado

Dear Mr. Townsend:

Enclosed herewith please find the complaint in the contest before the Bureau of Land Management, pertaining to the lands over-staked in which you have an interest under Contract No. Idm-E 452. My copy, as you can see, is not too susceptible to good reproduction.

Please return this to me as soon as you have had an opportunity to make a copy.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW/bj
Encl - 1

BEFORE THE MANAGER
BUREAU OF LAND MANAGEMENT
UNITED STATES DEPARTMENT OF INTERIOR
DENVER, COLORADO

RICHARD V. EWELE and FOUR CORNERS OIL & MINERALS CO., Contestants,	COMPLAINT
vs.	Contest No. _____
URANIUM DEVELOPMENT CORPORATION, GLEN BERRY, Contestees.	(Private Contest Pursuant to 43 C.F.R. 221.51)

The contestants above designated, by their attorneys, Bryant, Petrie, Waldeck & King, pursuant to Regulations 221.51 et seq. of 43 C.F.R., do hereby initiate the within contest by filing the following complaint; the following information is supplied under oath by contestant, Richard V. Ewele.

1. The name and address of each party interested in the within contest are:

Contestants:

Four Corners Oil & Minerals Co.
Uranium Center Building
Grand Junction, Colorado

Richard V. Ewele
Grand Junction,
Colorado

Contestees:

Uranium Development Corporation
c/o Benjamin L. Wright, Jr.
Cyrus Building
Denver, Colorado

Glen Berry
831 24 Road
Grand Junction,
Colorado

2. The contestants are the owners and claimants of certain unpatented lode mining claims located in Montrose County, Colorado, which claims embrace the lands involved in the within contest; that the names of said claims and the description of the lands embraced thereby are as follows:

Sun Signal No. 1 Lode Described as:
Beginning at Corner No. 1, the SW corner, thence the U. S. Mineral Monument 2046B, Cor. 10, T 47 N, R 17 W., N.M.P.M., bears approximately S 82° 49' W 1910 ft., thence N 37° 50' E 570 ft. to NW Cor No 2; thence S 52° 49' E 790 ft to NEC; thence S 52° 49' E 790 ft to NE cor No. 3; thence S 37° 50' W 570 ft. to SE Cor 4; thence N 52° 49' W 790 ft. to SSC, thence N 52° 49' W 790 ft to Cor No. 1 the point of beginning. Location Certificate recorded in Book 451 at Page 240, Montrose County records.

San Miguel No. 2 Lode described as:

Beginning at Corner No. 1, the SW Corner, thence U. S. Mineral Monument 20468, Sec. 10, T 47 N., R 17 W., N.M.P.M., bears approximately N 63° 20' W 739 ft; thence N 37° 50' E 570 ft. to NW Cor. 2; thence S 52° 45' E 750 ft to NSC; thence S 52° 45' E 750 ft. to NE Cor. 3; thence S 37° 50' W 570 ft to SE Cor. 4; thence N 52° 45' W 750 ft to SSC; thence N 52° 45' W 750 ft. to Cor. 1, the point of beginning. Location certificate recorded in Book 468 at Page 341, Montrose County Records.

San Miguel No. 3 Lode described as:

Beginning at Corner No. 1, the SW Corner, whence U. S. Mineral Monument 20468, Sec. 10, T 47 N., R 17 W., N.M.P.M. bears approximately N 5° 05' W 1075 ft.; thence N 37° 50' E 600 ft. to NW cor No. 2; thence S 52° 45° E 750 ft. to NSC; thence S 52° 45' E 750 ft. to NE Cor No. 3; thence S 37° 50' W 600 ft. to SE cor No. 4; thence N 52° 45' W 750 ft to SSC; thence N 52° 45' W 750 ft. to Cor No. 1, the point of beginning. Location Certificate recorded in Book 468 at Page 342 of Montrose County Records.

San Miguel No. 4 Lode described as:

Beginning at Corner No. 1, the SW corner, whence U. S. Mineral Monument 20468, Sec. 10, T 47 N, R 17 W, N.M.P.M. bears approximately S 54° 40' E 575 ft; thence N. 37° 50' S 680 ft to NW Cor No. 2; thence S 81° 35' E 750 ft. to NSC; thence S 81° 35' E 750 ft. to NE Cor No. 3; thence S 37° 50' W 680 ft. to SE Cor. 4; thence N 81° 35' W 750 ft. to SSC; thence N 81° 35' W 750 ft. to Cor No. 1, the point of beginning. Location Certificate recorded in Book 468 at Page 343 of Montrose County Records.

San Miguel No. 5 Lode described as:

Beginning at Corner No. 1, the SW Corner, whence U. S. Mineral Monument 20468 Sec. 10, T 47 N., R 17 W., N.M.P.M. bears approximately N 31° 40' E 825 ft; thence N 37° 50' E 570 ft. to NW Cor 2; thence S 81° 35' E 750 ft. to NSC; thence S 81° 35' E 750 ft. to NE Cor 3; thence S 37° 50' W 570 ft. to SE Cor No. 4; thence N 81° 35' W 750 ft. to SSC; thence N 81° 35' W 750 ft to SW cor 1, the point of beginning. Location Certificate recorded in Book 468 at Page 344 of Montrose County, Records.

San Miguel No. 6 Lode described as:

Beginning at Corner No. 1 the SW corner, whence U. S. Mineral Monument 20468 Sec. 10, T 47 N., R 17 W., N.M.P.M. bears approximately N 63° 40' E 1315 ft; thence N 37° 50' E 588 ft. to NW cor 2; thence S 81° 35' E 750 ft to NSC; thence S 81° 35' E 750 ft to NE cor 3; thence S 37° 50' W 588 ft. to SE cor no. 4; thence N 81° 35' W 750 ft. to SSC; thence N 81° 35' W 750 ft. to SW Cor 1, the point of beginning. Location Certificate recorded in Book 468 at Page 345 of Montrose County Records.

San Miguel No. 7 Lode described as:

Beginning at Corner No. 1 the SW corner; whence U. S. Mineral Monument 20468 Sec. 10, T 47 N, R 17 W, N.M.P.M. bears approximately N 55° 00' E 1953 ft; thence N 37° 50' E 680 ft. to NW Cor 2; thence S 81° 35' E 750 ft to NSC; thence S 81° 35' E 750 ft. to NE Cor No. 3; thence S 37° 50' W 680 ft to SE Cor 4; thence N 81° 35' W 750 ft. to SSC; thence N 81° 35' W 750 ft. to SW Cor 1, the point of beginning. Location Certificate recorded in Book 468 at Page 346 of Montrose County Records.

San Miguel No. 8 Lode described as:
Beginning at Corner No. 1, the SW Corner; whence U. S. Mineral Monument 20468, Sec. 10, T 47 N, R 17 W, N.M.P.M., bears approximately N 34° 15' E 3150 ft; thence N 6° 50' E 750 ft to WSC; thence N 6° 50' E 750 ft to NW cor 2; thence S 81° 35' E 600 ft to NE Cor 3; thence S 6° 50' W 750 ft to ESC; thence S 6° 50' W 750 ft to SE Cor 4; thence N 81° 35' W 600 ft to Cor No. 1 the point of beginning. Location Certificate recorded in Book 468 at Page 347 of Montrose County Records.

San Miguel No. 9 Lode described as:
Beginning at Corner No. 1, the SW corner, whence U. S. Mineral Monument 20468, Sec. 10, T 47 N., R 17 W, N.M. P.M. bears approximately N 19° 55' E 2905 ft; thence N 6° 50' E 750 ft to WSC; thence N 6° 50' E 750 ft to NW Cor 2; thence S 81° 35' E 600 ft to NE cor 3; thence S 6° 50' W 750 ft to ESC; thence S 6° 50' W 750 ft to SE cor 4; thence N 81° 35' W 600 ft to Cor 1, the point of beginning. Location Certificate recorded in Book 468 at Page 348 of Montrose County Records.

San Miguel No. 10 Lode described as:
Beginning at Corner No. 1 the SW Corner, whence U. S. Mineral Monument 20468, Sec, 10, T 47 N, R 17 W, N.M.P.M. bears approximately N 37° 30' W 755 ft; thence N 37° 50' E 330 ft. to NW Cor. 2; thence S 52° 45' E 750 ft to NSC; thence S 52° 45' E 750 ft. to NE cor 3; thence S 37° 50' W 330 ft. to SE cor 4; thence N 52° 45' W 750 ft. to SSC, thence N 52° 45' W 750 ft to SW Cor 1; the point of beginning. Location Certificate recorded in Book 468 at Page 365 of Montrose County Records.

San Miguel No. 13 Lode described as:
Beginning at Corner No. 1 the SW corner, whence U. S. mineral monument 20468, Sec. 10, T. 47 N, R 17 W, N.M.P.M., bears approximately N 28° 50' E 2950 ft; thence N 6° 50' E 750 ft. to WSC, thence N 6° 50' E 750 ft to NW Cor no. 2; thence S 81° 35' E 200 ft to NE Cor no. 3; thence S 6° 50' W 750 ft to ESC, thence S 6° 50' W 750 ft to SE Cor. No. 4; thence N 81° 35' W 200 ft to SW Cor No. 1, the point of beginning. Location Certificate recorded in Book 468 at Page 369 of Montrose County Records.

San Miguel No. 14 Lode described as:
Beginning at Corner No. 1 the SW corner, thence U. S. mineral monument 20468, Sec. 10 T 47 N, R 17 W, N.M.P.M. bears Approximately N 46° 30' W 2238 ft; thence N 37° 50' E 750 ft to WDC; thence N 37° 50' E 750 ft to NW corner No. 2; thence N 87° 50' E 780 ft to NE corner No. 3; thence S 37° 50' W 750 ft to ESC; thence S 37° 50' W 750 ft to SE corner No. 4; thence S 87° 50' W 780 ft to SW corner No. 1, the point of beginning. Location Certificate recorded in Book 468 at Page 377 of Montrose County Records.

San Miguel No. 15 Lode described as:
Beginning at Corner No. 1 the SW corner, thence U. S. Mineral Monument 20468 bears Approximately S 3° 40' E 672 ft. this monument being located in Sec. 10, T 47 N, R 17 W, N.M.P.M.; thence N 37° 50' E 600 ft to NW corner No. 2, thence S 81° 35' E 750 ft to NSC, thence S 81° 35' E 750 ft to NE corner No. 3; thence S 37° 50' W 600 ft to SE Corner No. 4, thence N 81° 35' W 750 ft to SSC, thence N 81° 35' W 750 ft to SW corner No. 1, the point of beginning. Location Certificate recorded in Book 468 at Page 387 of Montrose County Records.

That the character of the lands embraced within the above described mining claims consists largely of mesas cut by canyons which mesas are sparcely covered by sage brush and juniper vegetation. The lands lie within what is known as the Uravan Mineral Belt and are valuable for the mining of uranium and vanadium ores. The lands in question lie adjacent to the San Miguel River and were withdrawn for Power Site purposes by withdrawal order effective June 24, 1925.

3. That contestants are informed that several months subsequent to the location of the unpatented lode mining claims by contestants in the fall of 1958, the contestees purported to file with the Bureau of Land Management certain Location Certificates or Amended Location Certificates with respect to adverse conflicting unpatented mining locations claimed by contestees in an apparent effort to comply with the requirements of Public Law 359 (69 Stat. 681, 30 U.S.C. Sec. 623). That contestants are informed that the said tendered filing are now before the Bureau of Land Management, Denver, Colorado. That the names of the adverse conflicting claims of contestees together with the dates of location and the Book and Page of recordation thereof in the office of the Recorder of Montrose County, Colorado, are set forth in the following tabulation:

Locations claimed by Contestee Uranium Development Corporation:

Claim Name	Date of Location	Book	Page
Fairy King	July 20, 1957	448	9
Red Fox	July 20, 1957	448	10
Rim Rock Queen	July 20, 1957	448	11
Blackfoot	July 20, 1957	448	12
Good Hope	July 20, 1957	448	13
Lookout	July 20, 1957	448	14
Blackfoot	July 20, 1957	448	15
Rattlesnake	July 20, 1957	448	16
Big Basin #1	July 20, 1957	448	17
Big Basin #2	July 20, 1957	448	18
Full Moon #2	July 20, 1957	448	20
Full Moon #3	July 20, 1957	448	21
Full Moon #4	July 20, 1957	448	22
Full Moon #9	July 20, 1957	448	27

Locations Claimed by Contestee Glen Berry:

Claim Name	Date of Location	Book	Page
Holly Acho	July 20, 1957	462	332
Nophite #2	July 20, 1957	462	334
Nophite #5	July 20, 1957	462	337

4. That contestants are the owners and entitled to the possession pursuant to the mining laws of the United States of America and of the State of Colorado of all of the unpatented mining claims as specifically described in paragraph numbered 2 above. That contestants and their predecessor in title entered the lands above described under the mining laws and on the dates respectively shown opposite the names of the following named claims, located such claims by the posting of notices of location thereon;

Claim Name	Date of Location
San Miguel Nos. 1 to 9 inclusive	February 9, 1958
San Miguel Nos. 10 to 13	February 24, 1958
San Miguel No. 14	March 4, 1958
San Miguel No. 15	March 24, 1958

That after the dates specified above contestants and their predecessor in title, Gilbert E. Fowler, entered upon the performance of all the other acts of location required under applicable laws and regulations of the United States and State of Colorado, and within the time allowed by such laws and regulation, have, or will have, performed all of said acts. Subsequent to the location of the said mining claims of contestant, the contestees purported to file Location Certificates or Amended Location certificates, with respect to said adverse conflicting claims with the Bureau of Land Management, Department of Interior, Denver, Colorado. That as hereinbefore stated the lands in question were withdrawn for Power Site purposes in Power Site Classification No. 110, approved June 24, 1925; thereafter effective August 14, 1953 and July 27, 1955 the lands in question were restored to entry under the mining laws subject to Section 24 of the Federal Power Act (41 Stat 1075, as amended, 16 U.S.C. Sec. 181); on August 11, 1955 Public Law 359 (69 Stat.681; 30 U.S.C. Sec. 623) was enacted which act required, among other things that a copy of the location certificate for any mining claims located upon power site lands be filed for record in the United States District Land Office of the Land District in which the claim is situated within one year after the effective date of the said law as to location made theretofore, or within sixty days of location as to locations thereafter made. That the said adverse conflicting claims of Contestees are void and invalid for failure of such contestees to

comply with the provisions of said Law. That in addition contestees have failed to comply with the requirement of said law which provides that within sixty days after the expiration of any annual assessment year, a statement as to the assessment work done or improvements made shall be filed with the said district land offices. That contestees have not made discoveries of mineral in rock in place with respect to all of the said conflicting claims; that contestees have not sunk a discovery shaft on each of said claims to a depth of ten feet which shows mineral in place nor, in lieu thereof, filed a map prepared from an actual field survey with respect to said claims as required by the statutes of the State of Colorado (92-22-6 Colorado Revised Statutes of 1953). That if contestees acquired any rights with respect to its said claims by reason of the filing of said location certificates or amended location certificates with the Bureau of Land Management that such rights are junior and inferior to the rights of contestants with respect to their said claims.

5. As set forth above contestants contend they are entitled to the unpatented mining claims by virtue of prior discovery and location thereof under the mining laws of the United States (30 U.S.C. Secs. 21 to 34, inc.) and of the State of Colorado (92-22-1- to 92-22-16 inc. 1953 Colorado Revised Statutes) and in addition by virtue of compliance with the requirements of Public Law 359 (60 Stat. 681; 30 U.S.C. Sec. 623) as well as the regulations promulgated thereunder. Contestants having first complied with the provisions of said laws contend that they are entitled to priority as to their claims as to any rights of contestees to any of their claims. Contestants are both native born citizens of the United States and entitled to avail themselves of the benefits of the mining laws of the United States.

6. That the contest herein alleged is not collusive or speculative, but is instituted and will be diligently pursued in good faith.

7. Contestants hereby respectfully request that they be allowed to prove the allegations and statements hereinabove set forth; that a hearing be held pursuant to the Rules of Practice of the Bureau of Land Management;

that thereupon the mining claims of contestees be declared void and invalid as to any portions thereof in conflict with the mining claims of contestants; that contestants be determined to possess rights with respect to their claims superior and senior to any rights of contestees with respect to their claims or any of them.

8. The within complaint is filed in the office of the Bureau of Land Management, New Customhouse, Denver, Colorado. The address to which papers shall be sent for service on the contestant is:

William G. Waldeck
Bryant, Petrie, Waldeck & King
Attorneys at Law
Box 359
Montrose, Colorado

9. Notice is hereby given to the contestees above named that unless they and each of them shall file an answer to this complaint within 30 days after service hereof upon such contestee, that the allegations of this complaint will be taken as confessed in accordance with the provisions of 43 C.F.R. 221.6b.

BRYANT, PETRIE, WALDECK & KING

By _____
William G. Waldeck
Attorneys for Contestants
P. O. Box 359
Montrose, Colorado

STATE OF COLORADO }
COUNTY OF MESA } ss

Richard V. Ensle, of lawful age, being first duly sworn upon oath, states that he is one of the contestants named in the foregoing complaint; that all of the allegations and statements contained in the said complaint have been made by him upon oath and that all of such allegations are true as of his own knowledge.

_____
Richard V. Ensle

Subscribed and sworn to before me this 18th day of August, 1959.

My Commission expires: April 29, 1961.

_____
Notary Public

MARYLAND
STATE OF ~~COLORADO~~)
County of Baltimore) ss. AFFIDAVIT
~~CITY AND COUNTY OF DENVER~~)

Margaret K. Fowler, of lawful age being first duly sworn upon oath states:

1. The within affidavit is made by affiant from her personal knowledge as a verification of the statements and allegations contained in the attached and foregoing complaint.

2. Affiant knows of her personal knowledge gained by a search of the records of the office of the Bureau of Land Management, Denver, Colorado, that neither of the contestees filed copies of location certificates for their claim described in the complaint with said office prior to the location of the mining claims of the contestants as described in the complaint.

Margaret K. Fowler
Margaret K. Fowler

Subscribed and sworn to before me this 2nd day of ~~March~~ SEPTEMBER, 1959.

My Commission expires: May 1, 1961

[illegible]
Notary Public

STATE OF COLORADO)
) SS. AFFIDAVIT
CITY AND COUNTY OF DENVER)

Gilbert E. Fowler, of lawful age being first duly sworn upon oath, states:

1. The following statement is made in support and corroboration of the statements and allegations contained in the foregoing Complaint.

2. Affiant states that he has personally made field examinations of the lands covered by the mining claims of Contestees as described in said Complaint and was unable to find discovery shafts sunk to a depth of ten feet revealing mineralization on said claims; that he has searched the records of Montrose County, Colorado and has been unable to find maps recorded for said mining claims.

3. Affiant examined the records of the office of the Bureau of Land Management in Denver, Colorado at the time the claims of contestants were located and failed to find that the contestees had filed copies of location certificates in such office with respect to their said claims.

Gilbert E. Fowler

Gilbert E. Fowler

Subscribed and sworn to before me this 16th day of ~~March~~ Sept., 1959.

My Commission expires: Sept. 27, 1960

Thelma Barnetta

Notary Public

W.O

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 7 1959

DATE	INITIALS	CODE

September 30, 1959

OME
DEPARTMENT OF THE INTERIOR
OCT 2 1959
REGION III
DENVER, COLORADO

Mr. James Townsend
Office of Minerals Exploration
Department of Interior
Denver Federal Center
Denver, Colorado

Dear Mr. Townsend:

Enclosed herewith please find copy of answer which I have filed in the contest instituted by Ensle and Four Corners Oil and Minerals Company. I was furnished only one copy of the complaint. Otherwise I would be very glad to send you a copy of the complaint also.

I have on several occasions urged Four Corners to permit the property to be operated with the funds derived as royalty payments to be held in escrow pending the outcome of the contest. They are apparently unwilling to do anything along this line at this time.

Rule 221.54 provides that the complaint shall contain "(a) The name and address of each party interested, including the age of each heir of any deceased entryman." By raising the interest of the Office of Minerals Exploration in and to the property, I am primarily pointing out that the contestants' original complaint was defective. I am not attempting to join the O.M.E. Possibly the contestants will attempt to do so. The contestants will undoubtedly have to amend their complaint in any event. The Full Moon Claim #9 is probably owned by some individual. I do not believe that it is owned by Uranium Development Corporation. I rather imagine that they will have to check the records of the County Clerk and Recorder of Montrose County to determine who is the owner of said claim.

I will be very glad to discuss my answer or any part thereof with you at any time. There was a tendency on the part of Four Corners Uranium to consider the factual situation

surrounding this case as completely comparable to any other situation affected by 359. I therefore was very careful to throw in Answers Nos. 3, 4, and 5 which would relate to the different situation. At least they point up the difference in the situation.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj
Encl - 1

BEFORE THE MANAGER
BUREAU OF LAND MANAGEMENT
UNITED STATES DEPARTMENT OF INTERIOR
DENVER, COLORADO

RICHARD V. ENSLE and FOUR CORNERS OIL & MINERALS CO.,	)	
Contestants,	)	ANSWER
vs.	)	Contest No. _____
URANIUM DEVELOPMENT CORPORATION, GLEN BERRY,	)	(Private Contest Pursuant to 43 C.F.R. 221.51)
Contestees.	)	

COMES NOW the Contestee, Ben L. Wright, Jr., Trustee, by his attorney Ben L. Wright, Jr., and files this answer to meet and respond to the allegations of the complaint.

ANSWER I

Contestee admits and denies the allegations of the complaint as follows:

1. Admits allegations of paragraph 1 as to names and addresses of contestants. Ben L. Wright, Jr.,Trustee has been substituted for Uranium Development Corporation as to claims listed in paragraph 3 as "Locations claimed by Contestee Uranium Development Corporation" except as to Full Moon #9 to which he claims no right, title or interest. The person or persons claiming said Full Moon #9 are unknown to this contestee. The Office of Minerals Exploration, United States Department of Interior, 224 New Customs House, Denver 2, Colorado, is interested in this contest since they hold a lien on property held by this contestant under Docket No. DMEA 2818 (uranium), Contract No. Idm-E 452.

2. Denies contestants are the owners of said unpatented claims described in paragraph 2 of the complaint. Admits contestants claim some interest in said claims. Admits the first paragraph on page 4 of the complaint.

3. Admits Location Certificates or Amended Location Certificates were filed to comply with requirements of Public Law 359 and that some of the Amended Location Certificates of locations claimed by Contestee Ben L. Wright, Jr. Trustee as grantee of Uranium Development Corporation are as set forth in paragraph 3 of said complaint.

4. Denies all allegations of first, second and third sentences of paragraph 4. Admits contestees purported to file Location Certificates or Amended Location Certificates with respect to said adverse conflicting claims with the Bureau of Land Management, Department of Interior, Denver, Colorado. Admits the lands in question were withdrawn by Power Site Classification No. 110, approved June 24, 1925. Admits the lands were restored to entry under the mining laws subject to Section 24 of the Federal Power Act (41 Stat. 1075, as amended; 18 U.S.C. Sec. 181) effective August 14, 1953 and also July 27, 1955. Admits enactment of Public Law 356 (69 Stat. 681; 30 U.S.C. Sec. 623) August 11, 1955. Denies that the provisions thereof affected the claims now held by this contestee. Denies all of the rest of the allegations contained in paragraph 4 of the complaint.

5. Admits contestants <u>contend</u> they are entitled to the claims. Denies contestants complied with the

provisions of the law set forth in paragraph 5 of the complaint and that they are entitled to any priority as to any of their claims. Admits they are native born citizens and entitled to avail themselves of the benefits of the mining laws of the United States.

6. Contestee cannot admit or deny the allegations of paragraph 6.

7. Paragraphs 7, 8 and 9 of the complaint require no answer.

ANSWER II

1. A chronological listing of some events affecting this contest is as follows:

(A) June 24, 1925. Part of the land now affected by locations of contestee and contestants became subject to Power Site Withdrawal under Federal Power Act of 1920 (41 Stat. 1075, as amended; 16 U.S.C. Sec. 818.)

(B) 1929-1950. Contestees claims were located and mined. Some were relocated during this period.

(C) February 12, 1951. The lands herein involved became subject to AEC withdrawal, PLO 698.

(D) In 1952. Uranium Development Corporation learned of the withdrawals when its application for a Defense Minerals Exploration loan was being processed.

(E) 1952 and 1953. Efforts were made to have the land restored to entry.

(F) June 26, 1953. United States Atomic Energy Commission lease of October 29, 1951 was recorded in Montrose County, State of Colorado. This lease (AEC Lease No. AT (05-D-CG-61) covered the claims located in the Power Site Withdrawal. Said lease covers the following described property:

Unpatented mining claims in Sections 3, 10, 11 and 15 Tp. 47 N. R. 17 W. N. M. P. M., said claims being described and recorded in books and on pages as follows:

Contract	CLAIM	Book	Page	Date
Idm-E 452	Gray Fox	201	287	9/6/29
	*Rattlesnake	201	289	8/30/29
	**Big Basin #1	201	571	4/8/40
	Big Basin #2	201	572	4/8/40
	Fairy King	213	206	4/8/40
	Red Fox	213	210	4/8/40
	Rim Rock Queen	213	211	4/8/40
	*Blackfoot	213	212	4/8/40
	*Good Hope	213	213	4/8/40
	Lookout	213	208	4/8/40
	***Vanadium Beauty #1	335	539	1/3/50
	***Vanadium Beauty #3	335	541	1/3/50

* Lease does not include that portion in Sec. 2, Tp. 47 N. R. 17 W. N. M.P. M.

** Lease does not include that portion in SW¼ Sec. 11 Tp. 47 N. R. 17 W. N. M. P. M.

*** Lease includes only that portion in NE¼ Sec. 15 Tp. 47 N. R. 17 W. N. M. P. M.

(G) July and August 1953. Uranium Development Corporation expended $21,744.45 under a Defense Minerals Exploration loan, Docket No. DMEA 2818 (uranium) Contract No. Idm - E 452. A lien for $19,570 attached to the ores discovered.

(H) August 14, 1953. The area was restored to mineral entry, subject to provisions of Section 24

of Federal Power Act of 1920 and subject to the AEC withdrawal.

(I) October and November, 1953. Amended location certificates were filed.

(J) March 1955. Amended location certificates were filed.

(K) August 5, 1955. Another restoral order was issued covering the area, again subject to provisions of Section 24 of Federal Power Act of 1920, and subject to the AEC withdrawal.

(L) August 11, 1955. Public Law 359 (69 Stat.681; 30 U.S.C. Sec. 621-625) was passed.

(M) July 1957. Location certificates were recorded again covering the area.

(N) October 31, 1957. The AEC sent Letter of Cancellation.

(C) November and December, 1957. Location certificates were recorded covering the area in the Power Site withdrawal held under the AEC lease.

(P) January 14, 1958. Letter of Cancellation from AEC was recorded in Montrose County.

(Q) February and March, 1958. Contestants allegedly locate San Miguel Claims.

(R) Uranium Development Corporation sent photostatic copies of location certificates to the Bureau of Land Management which were returned to it.

(S) November 1, 1958. This contestee completed the acquisition of all interest of Uranium Development Corporation in the claims covered by the AEC lease for himself, Leo Fagan and Imogene Fagan.

(T) February 24, 1959. This contestee recorded relocation certificates and filed with the Bureau of Land Management.

(U) 1929-1951. Claims were held and operated by grantors and their predecessors in title to Leo Fagan and Imogene Fagan.

(V) 1951-1952. Leo Fagan and Imogene Fagan held and operated said claims.

(W) 1952 - October 1958. Uranium Development Corporation held and mined said property.

(X) October 1958-1959. This contestee held possession of said property.

(Y) 1953-1959. $9,765.37 repaid on DMEA loan.

This listing is inserted to simplify and render understandable the issues involved. There may have been events which occurred which are not at this time known to this contestee.

ANSWER III

1. The Restoration Orders of August 14, 1953, and August 5, 1955, did not affect the withdrawal by the U.S. AEC under PLO 698 of February 12, 1951. Public Law 359 (69 Stat. 681; 30 U.S.C. Sec 621-625) did not and could not

affect the valid possessory rights under the AEC lease above referred to.

2. The Uranium Development Corporation filed location certificates between October 31, 1957 and January 14, 1958. It is submitted that they alone had any right to said property during this period. It is submitted that during this period they could have applied for and received a patent on the area now in dispute.

3. They were in possession at the time of the alleged junior locations by the contestants.

4. It is submitted that contestants at no time acquired any valid right, title or interest in any property held or claimed by this contestee.

ANSWER IV

1. The said AEC lease was granted to make the entry of Uranium Development Corporation valid.

2. Public Law 359 of 1955 added no substantive rights not reserved under prior restoration orders.

3. It is submitted that Uranium Development Corporation and this contestee were entitled to at least the one year in which to file with the Bureau of Land Management from the date the land became open to entry to the general public; namely until January 14, 1959; and that the photostats mailed or delivered on or about February 27, 1958, should have been accepted and filed. In the alternative that filing by this contestee should be held valid and superior to any filing by

the contestants since there were no intervening filings between January 14,1959 and February 24, 1959 by the contestants.

ANSWER V

1. Uranium Development Corporation held possession at the time of the alleged making of the junior locations.

2. Uranium Development Corporation and the United States Atomic Energy Commission was informed of and knew of the equitable interest of Leo Fagan, Imogene Fagan and the Office of Minerals Exploration as successor of Defense Minerals Exploration Administration. Nonetheless Leo Fagan and Imogene Fagan and probably the Office of Minerals Exploration were not informed of the cancellation of the said AEC lease until after the alleged making of the junior locations. The conveyance to Ben L. Wright, Jr., Trustee, was the result of and grew out of the equitable interest of Leo Fagan and Imogene Fagan in the claims held under the lease and other property.

3. Contestee is informed and believes that Uranium Development Corporation is without any present assets.

4. It is submitted therefore that the cancellation of the said AEC lease was ineffective as to this contestee and the Office of Minerals Exploration and therefore the alleged junior locations are void since they were not made on land open for public mineral entry.

ANSWER VI

1. The contention of contestants that their claims are valid rests upon an interpretation of Public Law 359

(69 Stat. 681; 30 U.S.C. Sec 621-625) which is unconstitutional because it retroactively adversely affects valid vested possessory right.

WHEREFORE, this contestee prays that the alleged locations or alleged mining claims of contestants be declared invalid as to any and all portions thereof in conflict with any of the claims held by him; that constee's claims be held superior and senior to any rights of the contestants with respect to any of their claims or locations.

All notices or other papers shall be sent for service upon this contestee to:

Ben L. Wright, Jr.
718 Symes Building
Denver, Colorado

A copy of this answer was served upon:

William C. Waldeck
Bryant, Petrie, Waldeck & King
Attorneys at Law
Box 359
Montrose, Colorado

by sending to him a copy of this answer by certified mail, return receipt requested, postage prepaid, this _____ day of September 1959.

Ben L. Wright, Jr.

Ben L. Wright, Jr.
Attorney for Contestant
Ben L. Wright, Jr., Trustee
718 Symes Building
Denver, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado

April 22, 1959

cy to 800

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 27 1959

DATE	INITIALS	CODE
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Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Docket DMEA 2618 (Uranium) Contract Idm-E452, (Uranium Development Corporation, Assignor) Ben L. Wright, Jr., Trustee, Assignee (Blackfoot Group of claims) Montrose County, Colorado

The attached memorandum from H. F. Robertson dated April 17, 1959, has further reference to our memorandum to you dated April 8, 1959, regarding the production of ore from the Rattlesnake claim.

We have also been advised that the AEC records do show the section, range and township of producing claims; but in this instance, they had erroneously shown the 428.3 tons of ore as originating from the Rattlesnake claim of the Blackfoot group.

J. W. Townsend

J. W. Townsend

Attachments

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 27 1959

DATE	INITIALS	CODE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
P. O. Box 360
Grand Junction, Colorado

OME
DEPARTMENT OF THE INTERIOR
APR 20 1959
REGION III
DENVER, COLORADO

April 17, 1959

Memorandum

To: ~~Executive Officer~~, OME Field Team, Region III

From: H. F. Robertson

Subject: Docket DMEA 2618 (Uranium), Contract Idm-E ~~425,~~ 452 (Uranium Development Corporation, Assignor) Ben L. Wright, Jr., Trustee, Assignee (Blackfoot Group of claims), Montrose County, Colorado

In accordance with your instructions of April 8, 1959, the matter of production from the subject claims has been investigated.

In brief review, the U. S. Atomic Energy Commission production records indicated that, during the period July 1 - December 31, 1958, 428.3 tons of ore had been produced from the Blackfoot Group by the Uradox Mining Company. Royalty and settlement sheets for only 65.155 tons had been received by the OME. From this, it appeared that unreported shipments were being made from subordinated property and a thorough investigation was commenced. Pertinent records of the AEC and the Union Carbide Nuclear Company (purchaser of the ore) were examined. Mr. Ben L. Wright (controller of Uranium Development Corporation interests), Uradox Mining Company (producer of the ore in question), and Mr. Thermer Labrum (lessee-operator of the subordinated Blackfoot Group) were contacted, either by mail or in person. Various personnel of the Ore Purchasing Department and Mining Division of U.C.N., both in Grand Jct., and Uravan, Colo., were also consulted for any pertinent information available. As a final check, an OME representative inspected both of the properties concerned in the matter.

The following facts were established by the investigation:

1. The AEC records show the production of 428.31 tons of ore from the Rattlesnake-B claim (Blackfoot Group, T. 47 N., R. 17 W.) by the Uradox Mining Company during the period July 1 - December 31, 1958.

2. Mr. Ben L. Wright, Assignee, is not familiar with the actual field locations and mining operations of the Blackfoot Group, therefore, must rely on information from others.

3. The Uradox Mining Company is operating a mine named "Rattlesnake" and located in Sec. 24, T. 47 N., R. 18 W., about 5 miles southwest of the Rattlesnake claim of the Blackfoot Group. This mine was inspected by the OME engineer and is the source of the 428.3 tons of ore erroneously credited to the subordinated Blackfoot Group.

4. Mr. Thermer R. Labrum was operating the subordinated property during the period, July 1 - Dec. 31, 1958, and reported production of 65.155 tons of ore therefrom. OME royalty on the shipment was paid (Liquidation No. 8914, Union Carbide Nuclear Company). Inspection of this mine by the OME engineer verifies the claim that no other shipments were made from the property during the period by Labrum or any other party.

5. Conferences with U.C.N. Mining Division personnel in Uravan and inspection of pertinent records of settlement on production from both of the properties concerned, clarified the sources of the shipments in question.

In conclusion, all of the evidence assembled indicates that the 65 tons of ore reported for the period by Labrum is the only production from the property subordinated by the terms of Contract Idm-E 452. The 428.3 tons (see memo dated March 5, 1959, from HFR to HMC) produced by the Uradox Mining Company during the period, July 1 - Dec. 31, 1958, is from a different "Rattlesnake" claim and is not subject to payment of royalty to the OME. The records of the AEC erroneously show this ore as having been mined from the "Rattlesnake" claim of the Blackfoot Group, thus resulting in the confused situation as to whether or not all production from the subordinated property had been reported to the OME.

H. F. Robertson

H. F. Robertson
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado

April 8, 1959

OFFICIAL FILE COPY O. M. E. RECEIVED APR 13 1959		
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Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Docket DMEA 2618 (Uranium) Contract Idn ~~E452 (Uranium Development~~ Corporation, Assignor) Ben L. Wright, Jr., Trustee, Assignee (Blackfoot Group of claims) Montrose County, Colorado

In conjunction with matter discussed in the letter dated Feb. 2, 1959, from Ben L. Wright, Jr., to the Acting Director, OME, and the Acting Director's reply to Mr. Wright dated March 4, 1959, enclosed are the following, also in reference to production from the subject property.

1. Two copies of a memorandum dated March 5, 1959, from H. F. Robertson to H. M. Connors of this office.

2. One copy of a letter to this office dated March 16, 1959, from Ben L. Wright, Jr., with attached copy of a Mining Contract dated August 22, 1957, between Glenn Berry, party of the first part, and Don W. Hone and Leslie Somers, parties of the second part.

No action required. [illegible]

3. Two copies of a letter to this office dated March 23, 1959, from Ben L. Wright, Jr.

4. Two copies of a memorandum to this office dated March 25, 1959, from H. F. Robertson.

5. Two copies of a letter to Uradox Mining Corporation dated April 1, 1959, from Ben L. Wright, Jr.

6. Two copies of a letter dated April 3, 1959, to Benjamin L. Wright, Jr., from George V. Kempf.

7. Two copies of a letter dated April 7, 1959, from Ben L. Wright, Jr., to Mr. George V. Kempf.

8. Two copies of a letter dated April 7, 1959, from Ben L. Wright, Jr., to Mr. Arch Smith.

9. Two copies of a memorandum dated April 8, 1959, from this office to H. F. Robertson, Mining Engineer, Bureau of Mines, OME representative, Grand Junction, Colorado.

The mining contract under item 2 is a missing link between the Mining Contract, copies of which were forwarded to you by our memorandum of November 21, 1956, and the Mining Lease and Amendment thereto forwarded by memorandum of January 20, 1959.

A review of enclosures will indicate that apparently the production from the Rattlesnake claim reported by the AEC was not from the Rattlesnake claim subordinated under Contract Idm-E452.

The OME field representative has been requested to investigate the matter further and additional information concerning the situation will be forwarded when received.

J. W. Townsend

J. W. Townsend

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
P. O. Box 360
Grand Junction, Colorado

March 5, 1959

OME
DEPARTMENT OF THE INTERIOR
MAR 6 - 1959
REGION III
DENVER, COLORADO

Memorandum

To: H. M. Connors

From: H. F. Robertson

Subject: DMEA 2618 (Uranium), Contract Idm-E 452, Uranium Development Corporation (Blackfoot, Good Hope, Rattlesnake, Red Fox claims), Montrose County, Colorado Unreported ore shipments

A check of the AEC records indicates that the following shipments have apparently been made from subordinated property without payment of the Government's royalty. Note that the first four shipments were made in the previous reporting period (Jan. 1 - June 30, 1958). The ore was produced from the Rattlesnake claim by the "Uradox Mining Company" as follows:

Liq. No.	Month	Tons	Lbs. U_3O_8	Lbs. V_2O_5	Mill 1/
January 1 - June 30, 1958					
8066	May	31.21	118.61	380.80	11
8090	May	11.75	43.52	160.73	11
None	June	19.65	62.88	176.83	11
8143	June	24.85	94.45	268.40	11
July 1 - December 31, 1958					
None	July	6.18	17.31	48.22	11
8339	August	?2/	?2/	306.50	11
None	Nov.	93.59	407.34	868.90	11
8726	Nov.	113.26	632.93	1,344.48	11
8946	Dec.	221.46	839.73	4,147.88	11

1/ Mill 11 is UCN at Uravan, Colorado.

2/ No values entered in AEC records - probably an adjustment of some type.

[illegible] Mine office to determine who [illegible] [illegible] Company". You can contact the attorney for Granite [illegible] Company for further information. His address is as [illegible]

Benjamin Wright
718 Symes Building
Denver 2, Colorado

The OME records check with the ALC records on production from the Blackfoot claim but not on production credited to the Rattlesnake claim.

I am sending the partially completed current semiannual report. Please enter the correct production data when determined.

H. F. Robertson
Mining Engineer

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2821

OME
DEPARTMENT OF THE INTERIOR
MAR 17 1959
REGION III
DENVER, COLORADO

March 16, 1959

United States Department of Interior
Office of Minerals Exploration
New Customs House
Denver, Colorado

Attention: Mr. James Townsend,
Bureau of Mines

Re: Docket No. D.M.E.A. 2618,
Contract No. IDN-E452

Gentlemen:

Enclosed herewith please find copy of mining contract which was requested by Mr. Townsend the forepart of last week. The necessity of my conducting a law suit out of town has precluded my sending this to you sooner.

During June or July of 1958, I talked with either Mr. Hone or Mr. Somers who informed me that he had paid somewhere in the neighborhood of $4,000.00 for the mining contract.

I have no specific memory of his ever having mentioned Uradex. I have no specific memory of Uranium Development Corporation having mentioned Uradex.

I have just received a tax notice for production on the Rattlesnake and some other claims.

I will be in Montrose March 17th if weather conditions permit. If time permits, I will attempt to ascertain who the Uradex people are.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW:rp
enc.

C O P Y

OME
DEPARTMENT OF THE INTERIOR
MAR 17 1959
REGION III
DENVER, COLORADO

MINING CONTRACT

THIS AGREEMENT for purchase of a contract made and entered into this 22d day of August, 1957, by and between GLENN BERRY, 831 - 24 Road, Grand Junction, Colorado, hereinafter referred to as "Party of the First Part", and DON W. HONE and LESLIE SOMERS of Pioche, Nevada, hereinafter referred to as "Parties of the Second Part",

WITNESSETH:

Party of the First Part does represent that he does have in his possession a contract, hereinafter referred to as "Contract A" for the operation of the following listed Black Foot group of unpatented mining claims, located in Sections 3, 10, 11, 14 and 15, Township 47 North, Range 17 West, N. M. P. M., Vixen Mining District, Montrose County, State of Colorado:

Gray Fox
* Rattlesnake
** Big Basin No. 1
Big Basin No. 2
Fairy King
Red Fox
Rimrock Queen
* Blackfoot
* Goodhope
Lookout
*** Vanadium Beauty No. 1
*** Vanadium Beauty No. 3
Vanadium Beauty No. 2
Vanadium Beauty No. 4
Vanadium Beauty No. 5
Vanadium Beauty No. 6
Vanadium Rock No. 1
Vanadium Rock No. 2
L Full Moon No. 1
L Full Moon No. 2
L Full Moon No. 3
L Full Moon No. 4
L Full Moon No. 5
L Full Moon No. 6
Full Moon No. 7
Full Moon No. 8
Full Moon No. 9

* Lease does not include that portion in Section 2, Township 47 North, Range 17 West, N.M.P.M.

** Lease does not include that portion in SW¼, Section 11, Township 47 North, Range 17 West, N.M.P.M.

*** Lease does not include that portion in NE¼, Section 15, Township 47 North, Range 17 West, N.M.P.M.

L These claims were filed on after A.E.C. withdrawal; lease would not be in effect unless A.E.C. reverts this area to open territory.

Therefor and in consideration of the covenants and agreements hereinafter set forth, the Party of the First Part agrees to sell above-

mentioned Contract "A", together with all rights and privileges contained therein to Parties of the Second Part for the sum of Thirteen Thousand Dollars ($13,000.00), payable Three Thousand Dollars ($3,000.00) at the time of signing this instrument, the balance of Ten Thousand Dollars ($10,000.00) to be paid out of moneys received for ore mined from the above-mentioned claims at the rate of ten per cent (10%) of the ore value, as determined by the reducing mills or buying stations, and shall be paid to the Party of the First Part by said reducing mills or buying stations.

The term "ore values", as used in the foregoing paragraph, is understood to mean the value paid for uranium and vanadium ores by the purchaser at the reducing mills or buying stations, together with all bonus payments, except development allowance and transportation allowance which shall be paid according to Contract "A".

Upon completion of payments by Parties of the Second Part, original Contract "A", dated August 1, 1956, and from Uranium Development Corporation of Denver, Colorado, and Glenn Berry of Grand Junction, shall be signed over to Parties of the Second Part by the Party of the First Part.

First Party shall furnish Second Parties with a copy of the original Contract "A".

Second Parties do hereby covenant and agree to operate the above-mentioned mining claims in complete accordance with Mining Contract "A" above-mentioned; and Second Parties do hereby agree that, in the event this contract or Contract "A" are not being lived up to, then Second Parties shall, without process of law, turn over to First Party or his lawful agents said properties, and shall forfeit all rights to work done on properties or moneys paid on this contract.

Paragraph "A" of Contract "A" shall apply in case of any disagreements.

Second Parties shall receive above-mentioned mining claims

without equipment, rails, machinery or supplies located thereon.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and seals the day and year first above-mentioned.

/s/ Glenn Berry (SEAL)
Party of the First Part

/s/ Leslie Somers (SEAL)

/s/ Don W. Hone (SEAL)
Parties of the Second Part

STATE OF COLORADO,)
) ss.
COUNTY OF M E S A.)

The foregoing instrument was acknowledged before me this 22nd day of August by Glenn Berry, Party of the First Part, and Don W. Hone and Leslie Somers, Parties of the Second Part.

WITNESS my hand and official seal.

My commission expires April 9, 1961.

/s/ Helen J. Lanaent
Notary Public

STATE OF COLORADO)ss. Recorded at 3:30 o'clock P.M., Aug. 7, 1956
County of M E S A) Reception No. 674932 /s/ Annie M. Dunston
Annie M. Dunston
Recorder

C O P Y

MINING CONTRACT A

THIS INDENTURE, Made and entered into this 1st day of August, A.D., 1956, by and between THE URANIUM DEVELOPMENT CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Colorado, with offices at 1409 Mile High Center, Denver, Colorado, hereinafter referred to as Party of the First Part and GLENN BERRY of 831 24 Road, Grand Junction, Colorado, hereinafter referred to as Party of the Second Part,

WITNESSETH:

Party of the first part represents to the party of the second part that it has full right and authority to operate and extract ore from the following named unpatented mining claims which are situate in Montrose County, Colorado, in the Vixen Mining District; (Sections 3, 10, 11, 14 and 15, T47N, R17W, NMPM).

Gray Fox
* Rattlesnake
** Big Basin No. 1
Big Basin No. 2
Fairy King
Red Fox
Rimrock Queen
* Blackfoot
* Goodhope
Lookout
*** Vanadium Beauty No. 1
*** Vanadium Beauty No. 3
Vanadium Beauty No. 2
Vanadium Beauty No. 4
Vanadium Beauty No. 5
Vanadium Beauty No. 6
Vanadium Rock No. 1
Vanadium Rock No. 2
L Full Moon No. 1
L Full Moon No. 2
L Full Moon No. 3
L Full Moon No. 4
L Full Moon No. 5
L Full Moon No. 6

* Lease does not include that portion in Sec. 2 T47N R17W NMPM.

** Lease does not include that portion in SW¼ Sec. 11 T47N R17W NMPM.

*** Lease does not include that portion in NE¼ Sec. 15 T47N R17W NMPM.

L These claims were filed on after A.E.C. withdrawal; lease would not be in effect unless A.E.C. reverts this area to open territory.

Party of the first part desires to employ the party of the second part as its contractor to explore, drill, mine and extract ore from the aforementioned mining claims.

THEREFORE and in consideration of the covenants and agreements as hereinafter set forth, party of the first part agrees to employ the

THE BALANCE OF THIS INSTRUMENT CONSISTING OF FIVE (5) PAGES HAS PREVIOUSLY BEEN FURNISHED TO THE DEFENSE MINERALS EXPLORATION ADMINISTRATION, OR AT LEAST WE ARE SO INFORMED BY MR. JAMES TOWNSEND OF THE DENVER OFFICE.

BENJAMIN L WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
MAR 24 1959
REGION III
DENVER, COLORADO

March 23, 1959

United States Department of Interior
Office of Minerals Exploration
New Customs House
Denver, Colorado

Attn: Mr. James Townsend,
Bureau of Mines

Re: Docket No. DMEA 2618

Gentlemen:

On March 17, 1959, I examined numerous records in the Court House at Montrose, Colorado. I was completely unable to find any record of Uradox Mining Company or Uradex Mining Company.

I checked with the Secretary of State. I do not find any company so designated. I checked with the people who now represent the overstakers. They informed me that they had no knowledge whatever of any such company or of any ore having been removed from the property which is subject to the D.M.E.A. loan. I attempted to check with Shawano. Mr. Swann was out of town. His secretary informed me that she could not remember having ever heard the name of the company involved.

I therefore am writing to the Mill to see if I can get any further light shed on the subject.

While in Montrose I conducted some preliminary negotiations towards a settlement with the overstaker. This settlement was discussed only on the basis that the D.M.E.A. loan would be assumed. It is of course entirely too early to predict whether or not any type of settlement will be finally consummated.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW:rp
DICTATED BUT NOT READ

OME
DEPARTMENT OF THE INTERIOR
MAR 26 1959
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

March 25, 1959

Memorandum

To: Executive Officer, OME Field Team, Region III

From: H. F. Robertson

Subject: DMEA 2618 (Uranium), Contract Idm-E 452, Uranium Development Corporation (Blackfoot, Rattlesnake, et al. claims), Montrose County, Colorado.
Supplemental information on Uradox Mining Company.

Subsequent to receiving your memorandum of March 24, 1959, I contacted the Grand Junction office of the Union Carbide Nuclear Company since the concerned production was purchased by the Uravan uranium mill. The following information was obtained from the accounting department, through Mr. T. S. Ary.

Payment for ore shipped from the Rattlesnake claim was made by U.C.N. check, addressed as follows:

Uradox Mining Company
c/o J. M. Benham
Box 214
Montrose, Colorado

I can offer no further information on the Uradox Mining Company except that it was probably incorporated in a state other than Colorado--most likely, Nevada.

Mr. Ary states that U.C.N. will send you copies of the settlement sheets on the ore received from the Rattlesnake claim and payment made to the Uradox Mining Company.

H. F. Robertson

H. F. Robertson
Mining Engineer

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
716 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
APR 2 - 1959
REGION III
DENVER, COLORADO

April 1, 1959

Uradox Mining Corporation
% J. M. Benham
P. O. Box 214
Montrose, Colorado

Gentlemen:

The Office of Minerals Exploration has recently called my attention to the fact that apparently your corporation has mined and shipped ore from property to which I hold title. They inform me that ore was shipped from the Rattlesnake Lode Mining Claim to Union Carbide Nuclear Corporation in Grand Junction, Colorado, during May, June, July, August, November and December of 1958.

I hold the Rattlesnake Lode Mining Claim subject to D.M.E.A. Loan #2818. I have attempted to find any authority from my predecessor in title authorizing you to make any shipment from our Rattlesnake claim. I find absolutely no authority for this action. If you can possible explain, it would most assuredly be appreciated. If there is no adequate explanation it would appear that 521.92 tons of ore have been removed from property upon which there is a Defense Minerals Exploration Administration loan, and which belonged to me or my predecessor in title.

My mining deed was dated the first day of May, 1958. I therefore am of the opinion that I am entitled to all of the proceeds of ore taken from my property except the amount which is due the Defense Minerals Exploration Administration.

Needless to say, this is an extremely serious situation. I shall expect to hear from you in the immediate future.

Yours very truly,

Ben L. Wright Jr.

Ben L. Wright, Jr.

BLW:rp
cc: Mr. William Waldeck
Attorney at Law
Montrose, Colorado
cc: The Office of Minerals Exploration
New Customs House, Denver, Colorado
ATTN: James Townsend

P. O. Box 9[illegible]

GEORGE V. KEMPF
Attorney at Law
Montrose, Colorado

Cherry 9-[illegible]

April 3, 1959

OMIE
DEPARTMENT OF THE INTERIOR
APR 6 1959
REGION III
DENVER, COLORADO

COPY

Benjamin L. Wright, Jr.
Attorney at Law
721 Symes Building
Denver 2, Colorado

Dear Mr. Wright:

Your letter to Uradex Mining Corporation of April 1 has been referred to me. I own one fourth of the Rattlesnake Mining Claim which is located in Section 24, Tp. 47 N., Rge. 18 W., which is subject to a lease being operated by Uradex Mining Company which is a partnership. I understand that the Rattlesnake Claim in which you are interested is located in Sections 2, 3, 10 and 11, Tp. 47 N., Rge. 17 W. As you may know, there have been recorded in Montrose County a large number of mining claims, all named Rattlesnake. Apparently neither you nor the BLM took time to check on which claim was being operated by Uradex. Your letter caused them considerable excitement and distress until we verified the mistake. Uradex requests that when you have satisfied yourself that your information was erroneous, you advise them of that fact so that they will not be concerned over this matter in the future.

Very truly yours,

George V. Kempf

George V. Kempf

GVK:lm
cc: Mr. William G. Waldock
Montrose, Colorado

Office of Minerals Exploration
New Customs House, Denver, Colorado
Attn: James Townsend

Uradex Mining Corporation
c/o J. M. Benham
P. O. Box 214
Montrose, Colorado

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
APR 8 - 1959
REGION III
DENVER, COLORADO

April 7, 1959

Mr. George V. Kempf
Attorney at Law
Montrose, Colorado

Dear Mr. Kempf:

This will acknowledge receipt of your letter of April 3, 1959, in which you inform me that Uradox Mining Corporation owns a Rattlesnake mining claim in Section 24, Twp. 47 N., Range 18 W., which is not the same Rattlesnake claim owned by me in Sections 2, 3, 10 and 11, Twp. 47 N., Range 17 W.

A couple weeks ago when I was in Montrose I attempted to find out who Uradox Mining Corporation was and where they were mining. I attempted to check all corporations filed and partnerships filed in Montrose County. I also gave a quick look at the instruments which had been filed during the last year or so. I did not come across the name of Uradox Mining Corporation, although it is entirely possible that I simply missed it. I had rather hoped to find who represented Uradox to get to the bottom of the matter. I am relaying your information to the Defense Minerals Administration since I am not the only interested party.

Naturally when I was informed by the governmental agency that some ore had been taken from property subject to my Defense Minerals Exploration Administration loan, I was quite concerned. It would be bad enough to have to pay the taxes assessed on a producing mine without the additional five percent due the D.M.E.A. if this is in fact our claim from which the production had come. Furthermore, I hold part of the title in trust.

Needless to say, I am not interested in the production off every claim which is named Rattlesnake. Needless to say, I am not interested in the least in production from a different section and range; whereas I am vitally interested in production from my claim.

George, I am not in position to know where your production came from except as is explained to me. I am sure your client will cooperate with any agent of the O. M. E. who checks into the matter further.

Yours very truly,

Ben L. Wright, Jr.

BLW:rp
cc: Office of Minerals Exploration

cc: Uradox Mining Corporation

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
APR 8 - 1959
REGION III
DENVER, COLORADO

April 7, 1959

Mr. Arch Smith
Attorney at Law
P. O. Box 1049
Grand Junction, Colorado

Dear Mr. Smith:

This will confirm our telephone conversation of April 6, 1959. I am the owner of the Rattlesnake Lode Mining Claim located in Sections 10 and 11, and partially in Sections 2 and 3, all in Twp. 47 N., Range 17 W. of the N.M.P.M. This claim was, until about fifteen months ago, held under Mining Lease No. AT(05-1)-OG-61 issued by the A.E.C. It was and is subject to D.M.E.A. Loan Docket No. 2618. At the present time, Four Corners Uranium Corporation claims some right, title or interest in and to the area involved.

I am informed that a partnership acting under the name of Uradox Mining Company has removed ore from this property. They have no right, title or interest in and to the property involved and are trespassing if they are shipping ore from this claim.

I am informed by George V. Kempf, Attorney at Law, Montrose, Colorado, that Uradox has removed ore from a claim of like name which is located in Section 24, Twp. 47 N., Range 18 West.

I have no right, title or interest in and to any claim in Section 24, Twp. 47 N. Range 18 W. of the N.M.P.M. Uradox Mining Company is a trespasser if they are removing ore or have heretofore removed ore from my Rattlesnake claim which is above described.

Mr. Thermer R. Labrum of Uravan, Colorado, has a lease on the Blackfoot, Good Hope, Red Fox, Fairy King, Rattlesnake and other claims covered by the D.M.E.A. lease above referred to. I am informed that he has made proper arrangements for the payment of the D.M.E.A. percentage. He has been remitting to me certain royalties.

I would appreciate it if you would send me detailed duplicate statements of ore shipped by Mr. Labrum. I would appreciate it if you would furnish either me or the Office of Minerals Exploration any information requested by it pertaining to any property under the above mentioned Defense Minerals Exploration Loan.

Your assistance and cooperation in this matter has been most gratefully appreciated.

Yours very truly,

Ben L. Wright, Jr.

BLW:rp
cc: Office of Minerals Exploration
New Customs House
Denver, Colorado
ATTN: James Townsend

T. S. Ary
P. O. Box [illegible]
Grand Junction, Colorado

Mr. Harry Robertson
Office of Minerals Exploration
Bureau of Mines
Department of Interior
Grand Junction, Colorado

224 New Customhouse
Denver 2, Colorado

April 8, 1959

Memorandum

To: H. F. Robertson

From: Executive Officer, OME Field Team, Region III

Subject: Docket DMEA 2618 (Uranium) Contract Idm-E452 (Uranium Development Corporation, Assignor) Ben L. Wright, Jr., Trustee, Assignee (Blackfoot Group of claims) Montrose County, Colorado

Enclosed is a copy of a letter dated April 8, 1959, from this office to the Chairman, Operating Committee, OME, with enclosures under items 3, 5, 6, 7 and 8 of the memorandum to the Chairman.

In conjunction with information contained in the letter from George W. Kempf, under item 6 of the enclosed memorandum to the Chairman, please investigate the matter regarding claim recording and production from the Rattlesnake claim not subordinated under the subject contract, and submit a memorandum report of your findings.

As a separate matter, please advise as to whether or not AEC records of production give section, township and range of property involved.

Original signed by
J. W. TOWNSEND

J. W. Townsend

Enclosures

JWT:jy

cc: Chm. Op. Comm. (2)
Roy. File, Reg. III
Chron.

OFFICIAL FILE COPY
O M E
RECEIVED
APR 13 1959
DATE

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
2/26/59	Ching	700
2/26	Lucas	700
	Long	140
	Hoffman	140
4/4	Selfridge	120
		110
		100
3/5	C	220
		700

MAR 4 1959

Mr. Benjamin L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 2, Colorado

INTERIOR DEPT.
FEB 27 1959
SOLICITOR

Re: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
Blackfoot Claims
Montrose County, Colorado

Dear Mr. Wright:

Reference is made to your letter of February 18, 1959, regarding the claims covered by the subject exploration project.

In a letter, dated October 2, 1952, to Mr. Claude W. Blake, attorney for the Uranium Development Corporation, the Grand Junction office of the Atomic Energy Commission pointed out that the subject claims appeared to be void because of conflict with Power Site Classification No. 110, effective June 25, 1925. Furthermore, the Department of the Interior, through Public Land Order 698 of February 12, 1951, withdrew from mineral entry sections 3, 10, 11, 14, and 15, T. 47 N., R. 17 W., N.M.P.M.& B., and reserved such land for the use of the AEC. It followed that any of the subject claims within the described area were invalid because of this order. However, the AEC stated that it would consider an application for a mining lease covering such claims.

As a result of the AEC letter and of a similar letter, dated December 18, 1952, from the DMEA Executive Officer of Region IV, Uranium Development Corporation proceeded to secure from the AEC Mining Lease No. AT(05-1)-OG-61, Assignment No. 1.

You assumed that at this point something must have occurred to permit mining on property that was covered by Power Site Classification No. 110. It is possible that the power site withdrawal made the land not subject to location but did not conflict with the AEC's right to grant a lease for mining on the property.

RECEIVED
FEB 27 1959
ASSOC. SOLICITOR
MINERAL RESOURCES

43683

We do not know what occurred after the granting of the AEC lease and completion of the DMEA project. It appears that the Mining Claims Rights Restoration Act of 1955 (Public Law 359) could apply to the subject claims. To determine the circumstances under which the AEC lease was granted and cancelled, we suggest that you write to the Grand Junction office of the AEC.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

MChing/gla
2-26-59
cc to: Director's Reading File
Mr. Ching
OME Field Team, Region III (2)

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 24 1959

DATE	INITIALS	CODE
2/24	C	220
"	Chiang	700

February 18, 1959

R. 5325

Acting Director
Office of Mineral Exploration
Department of Interior
Washington 25, D.C.

Re: D.M.E.A. Docket No. 2618

Dear Sir:

On or about January 6, 1959, I furnished Mr. Townsend with documents showing that I am the owner, or represent the owner of all of the land covered by D.M.E.A. Loan No. 2618. I am informed that copies of these documents have been forwarded to you.

I have succeeded to all of the title held by Uranium Development Corporation. The attorney who represented Uranium Development Corporation in most of my negotiations with that company has passed on. I do not have all of the records of that company. As a matter of fact, I have access only to a very few of them.

Within the past few days it has come to my attention that part or all of the area covered by this loan was staked during 1958 by certain individuals who claim that the Mining Claims Rights Restoration Act of 1955, commonly referred to as Public Law 359, is applicable to these claims. I wish to protect my interest in the property covered by the loan. Naturally, I also wish to protect your interest in the property from these subsequent locators.

The correspondence from Uranium Development Corporation and to Uranium Development Corporation which I have examined indicates that following notice from you that the contract was to be held in abeyance considerable correspondence passed between them and you, and the A.E.C. and the Power Site Commission. Sometime in 1953 Mining Lease No. AT(05-1)-OG-61, Assignment No. 1, was executed. This lease ran from the United States Atomic Energy Commission and covered all of the property included in the loan application. I assume that at this time something must have occurred which made it possible for there to be mining on this particular property even

though it was included in Power Site Withdrawal No. 110. If you can furnish me with information which would show that this occurred I should in all probability be able to defeat the asserted claim of the persons who have made the new locations. Any information which you can furnish me will be most gratefully appreciated.

On July 27, 1955, under Restoration Order No. 9, the lands involved were made available for mineral entry. Later the A.E.C. overdraft was removed. Finally in the latter part of 1957 the A.E.C. lease was cancelled. Exactly what transpired between Uranium Development Corporation and the Atomic Energy Commission is impossible for me to determine at this time. I am definitely of the opinion that the lease was cancelled primarily because the reason therefor had ceased to exist. In other words, all of the withdrawals which made a valid location on the area impossible had been removed. I am of the opinion that everyone concerned thought that the title of Uranium Development Corporation was perfected and protected. I am of the opinion that everyone thought the interest of the Defense Minerals Exploration Administration was fully protected. During the forepart of 1958 the staking occurred which I have above referred to. Apparently the attitude was taken that despite the fact that our predecessor in title was in possession of the claims and working them that they had not complied with the Public Law 359 and therefore were on the property merely at sufference.

It is rather strange that possession which can be traced back clearly to 1929 on some of the land is suddenly in serious jeopardy. Any information which you can furnish me will be most gratefully appreciated. We know that the equities are all with us. However, we must, if possible, avoid a situation where litigation can be started which would prevent these claims from being productive.

Yours very truly,

Ben L. Wright Jr.

Ben L. Wright, Jr.

BLW:rp
cc: Mr. James Townsend
Bureau of Mines
New Customs House
Denver, Colorado

Mr. Leo Fagan
Nucla, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY O. M. E. RECEIVED JAN 26 1959		
DATE	INITIALS	CODE
1/26	C	220
"	Ching	700

January 20, 1959

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region ~~III~~ 6

Subject: Docket No. DMEA 2618 (Uranium) Contract No. Idm-E452 Uranium Development Corporation (Black Foot Group of Claims) Montrose County, Colorado

Enclosed are the following pertaining to change in ownership of the land involved with the subject contract:

1. Two copies each of Mr. Wright's letters of October 3, October 8, and October 21, 1958, and January 6, 1958 (59).

2. Two photo copies of the Mining Deed dated May 1, 1958, in favor of Benjamin L. Wright, Jr., Trustee for Leo F. Fagan and Imogene Fagan.

3. Two copies of AGREEMENT IN RE BLACKFOOT GROUP OF CLAIMS, dated May 1, 1958.

4. Two copies of Mining Lease dated October 15, 1958 and Amendment thereto, dated December 10, 1958.

5. Two copies of letter from this office to Mr. Wright, dated January 20, 1958, whereby we returned the executed copy of the material under item 4 above.

J. W. Townsend

J. W. Townsend

Enclosure

Items 2, 3, & 4 on left-hand side.

EXTRA COPY
O. M. E.
RECEIVED JAN 26 1959

DATE	INITIALS	CODE

224 New Customhouse
Denver 2, Colorado

January 20, 1959

IFIED MAIL

. Benjamin L. Wright, Jr.
torney at Law
718 Symes Building
Denver 2, Colorado

Re: Docket No. DMEA 2818 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
(Black Foot Group of Claims)
Montrose County, Colorado

Dear Mr. Wright:

Enclosed is the executed copy of the Mining Lease and Amendment to Mining Lease forwarded by your letter of January 6, 1958 (59).

Thank you for the loan of the material for our use in making duplicate copies. Your cooperation in the entire matter concerning the change in property ownership is greatly appreciated.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Executive Officer
OME Field Team, Region III

Enclosure

JWT/ad

cc: Chmn. Op. Comm. (2)
Harshman
Roy. File, Reg. III
Chron.

EXTRA COPY
O. M. E.
RECEIVED JAN 20 1958

DATE	INITIALS	CODE

[illegible]

January [illegible]

[illegible]

[illegible]

Mr. Benjamin L. Wright, Jr.
Attorney at Law
[illegible] James Building
Denver [illegible]

Re: Docket No. [illegible] (Grandview)
Owner: [illegible]
Marine Terminal Corporation
(Mr. [illegible])
[illegible] County, California

Dear Mr. Wright:

Enclosed is an executed copy of the Mutual Terminating Agreement to Alter [illegible] (50).

Thank you for [illegible] the material [illegible] used in making duplicate copies. Your cooperation in this [illegible] concerning the disposal of property [illegible] is greatly appreciated.

[illegible]

Original signed by
J. W. TOWNSEND
J. W. Townsend
Executive Officer
Civil Public Works, Region XII

Encl: [illegible]

JWT/[illegible]

cc: Chief, Op. Comm. (2) w/
encl.
Pub. Works, Reg. XII
Chron.

EXTRA COPY
O. M. E.
RECEIVED JAN 26 1959

DATE	INITIALS	CODE

224 New Customhouse
Denver 2, Colorado

January 20, 1959

CERTIFIED MAIL

Mr. Benjamin L. Wright, Jr.
Attorney at Law
1718 Symes Building
Denver 2, Colorado

Re: Docket No. DMEA 2818 (Uranium)
Contract No. Idm-2452
Uranium Development Corporation
(Black Foot Group of Claims)
Montrose County, Colorado

Dear Mr. Wright:

Enclosed is the executed copy of the Mining Lease and Amendment to Mining Lease forwarded by your letter of January 6, 1958 (59).

Thank you for the loan of the material for our use in making duplicate copies. Your cooperation in the entire matter concerning the change in property ownership is greatly appreciated.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Executive Officer
OME Field Team, Region III

Enclosure

JWT/ad

cc: Chmn. Op. Comm. (2)
Harshman
Roy. File, Reg. III
Chron.

RECEIVED JAN 30 1928
O. M. E.
EXPT. CORR.

DATE	INITIALS	CODE

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
OCT 6 - 1958
REGION III
DENVER COLORADO

October 3, 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 26 1959

DATE	INITIALS	CODE

Mr. E. N. Harshman
Office of Minerals Exploration
New Customs House
Denver, Colorado

Re: DMEA Docket No. 2616

Dear Sir:

During the year 1952 or 1953 the Uranium Development Corporation sought and obtained a DMEA loan under application No. 2618 upon the Black Foot, Rattlesnake, Good Hope, Fairy King, Big Basin No. 2, Gray Fox, Rim Rock Queen, and certain other mining claims.

On August 18, 1958, I recorded a Mining Deed from Uranium Development Corporation to myself as trustee on all of the mining claims owned by Uranium Development Corporation, including all of the claims upon which a DMEA loan had been obtained.

I am considering leasing this property to Utco Uranium Corporation. Mr. Al Traver has made an examination of the property for Utco Uranium Corporation.

Most of the data pertaining to the exploration performed under the above mentioned DMEA loan is not now available to us. This has been occasioned primarily by the change in officers of Uranium Development Corporation and the death of Claude Blake. Both myself as the holder of title and Mr. Traver as geologist for Utco Uranium Corporation feel that this information would be of great assistance to both of us. We would in particular like to have made available for our inspection any reports on exploration, any work subsequently performed, any data pertaining to payments made or repayments made under the DMEA loan, the grade and tonnage of shipments if available, and any other information which would be of assistance to either myself as owner of the property or to Mr.

Traver as an operator of the property.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW:rp

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
710 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-3021

October 8, 1958

OME
DEPARTMENT OF THE INTERIOR
OCT 9 - 1958
REGION III
DENVER, COLORADO

Mr. E. N. Harshman
Office of Mineralization Exploration
New Customs House
Denver, Colorado

Attn: Mr. Townsend

Re: D.M.E.A. Docket #2618

Gentlemen:

Enclosed herewith please find three photostatic copies of mining deed conveying the interest of the Uranium Development Corporation to me.

Yours very truly,

Ben L. Wright, Jr.

Ben L. Wright, Jr.

BLW:rp
enc.

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2821

OME
DEPARTMENT OF THE INTERIOR
OCT 22 1958
REGION III
DENVER, COLORADO

October 21, 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 28 1959

DATE	INITIALS	CODE

Mr. E. N. Harshman
Office of Mineralization Exploration
New Customs House
Denver, Colorado

Attention: Mr. Townsend

Re: DMEA Docket 2516

Gentlemen:

Enclosed herewith please find three copies of Agreement entered into by and between The Uranium Development Corporation, Leo Fagan, Imogene Fagan and myself. I do have copies which have been signed by Mr. and Mrs. Fagan. Copies signed by Mr. and Mrs. Fagan are in the possession of The Uranium Development Corporation. Rather than supply you with numerous copies of the same instrument, I am simply sending one signed by The Uranium Development Corporation and myself.

You will be especially interested in paragraphs numbered 8 and 9, which provide that no transfer of the property will be made without informing the purchaser, etc. of the DMEA loan.

Yours very truly,

Ben L. Wright, Jr.

BLW:rp
enc.

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2521

OME
DEPARTMENT OF THE INTERIOR
JAN 7 1959
REGION III
DENVER, COLORADO

January 6, 1959

Mr. James Townsend
Office of Mineralization Exploration
New Customs House
Denver, Colorado

Re: D.M.E.A. Docket 2618

Dear Mr. Townsend:

Uranium Development Corporation has conveyed all of its right, title and interest in and to the property covered by said D.M.E.A. Docket 2618 to myself as trustee. Their opportunity to redeem the property has expired. I hold the property for myself and Leo and Imogene Fagan.

I have entered into a lease with Thermer R. Labrum of Uravan, Colorado.

As you requested today, I am sending to you and herein please find enclosed an executed copy of the mining lease together with an amendment thereto. Your attention is directed to paragraph 8 appearing at the bottom of page four of the lease and at the top of page five. You will note that specific reference is made to D.M.E.A. Loan No. 2618. You will further note that any buying station or mill purchasing ore from the premises shall be informed of the royalty agreement and instructed to divide the proceeds, etc.

In view of the fact that this is the only executed copy which I have in my file, I would appreciate it if you would return this to me after you have had an opportunity to reproduce it.

Yours very truly,

Ben L. Wright, Jr.

BLW:rp
enc.

DMEA
RECEIVED
DATE
12/16
12/17
11
CODE
220
800
700

224 New Customhouse
Denver 2, Colorado

December 12, 1957

Mr. Richard S. Hunt
Uranium Development Corporation
Mile High Center
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colo.

Dear Mr. Hunt:

This office has received settlement sheets and royalties of $112.98 for production covered by Liquidation Number 11 0111, Vanadium Corporation of America, purchaser.

Royalty on DMEA production shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold. We note that the royalty submitted was computed on an ore value exclusive of Haulage Allowance. Such method has resulted in a net underpayment of $4.62.

Your check for $4.62 should be made payable to Defense Minerals Exploration Administration and sent at once to the Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado.

For future sales, we recommend that you inform your ore purchaser of the correct manner for computing DMEA royalties.

Very truly yours,

Original signed by
W. H. KING

W. H. King
Executive Officer, DMEA
Field Team, Region III

MHM/vj

cc: Royalty File E452
Sec. Opr. Comm. (2)
DMEA/G.Jct.
arshall
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
	Long	140
	Dwyer	140
12-4	Ching	700
12-4	Ellis	700
12-4	Chamberlin	800
12-4	[illegible]	130
"	Johnson	110
"	Gottschalk	100
12-5	[illegible]	220
		700

DEC 4 1957

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
Blackfoot Claims
Montrose County, Colorado

Dear Mr. Harshman:

We note that in a letter, dated November 20, 1957, to Mr. Richard S. Hunt, you made the following statement: "Article 7 of the above-captioned contract stipulates that the Operator shall not assign nor permit assignment of any of his interests in the land without written consent of the Government."

It appears that you have confused assignment of the contract with assignment or conveyance of rights in the land. In the case of the latter, the Operator need not secure the written consent of the Government and needs only to make suitable provision for the preservation of the Government's right in the conveyance or assignment to a percentage royalty on production and lien for the payment thereof.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GCS)

APPROVED:

Frank D. Lamb (GCS)
Member, Bureau of Mines

N. E. Nelson (GCS)
Member, Geological Survey

MChing/RWLong/eal
12/3/57
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
MChing
R. P. Dwyer
R. W. Long

8623

11/25	gb	220
11/26		800
11/26	Chrsty	700

224 New Customhouse
Denver 2, Colorado

November 20, 1957

Mr. Richard S. Hunt
Uranium Development Corporation
Mile High Center
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation (Blackfoot Claims) Montrose County, Colorado

Dear Mr. Hunt:

We have received your check for $177.39, copies of Settlement Sheets for production thereto and your letter of explanation dated November 18, 1957.

By paragraph H on page 3 of the Mining Contract dated August 1, 1957, between your corporation and Glenn Berry this office will continue to request from you payment of all royalties due the Government.

Article 7 of the above-captioned contract stipulates that the Operator shall not assign nor permit assignment of any of his interests in the land without written consent of the Government. Accordingly, you are requested to submit to this office four copies of each document made by Glenn Berry to any third party.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer

MHM:eh

cc: Royalty)
Sec. Op. Comm. (2)) W/cy of Operator's letter dated 11/18/57
DMEA/G. Jct.)
Marshall
Chron.

URANIUM DEVELOPMENT CORPORATION
MILE HIGH CENTER
DENVER 2, COLORADO

November 18, 1957

DMEA
DEPARTMENT OF THE INTERIOR
NOV 19 1957
REGION III
DENVER, COLORADO

United States Department of the Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Attention: Mr. E. N. Harshman

Re: Docket DMEA 2618 (Uranium), Contract Idm-E 452, Uranium Development Corporation (Blackfoot Claims), Montrose County, Colorado.

Reg III NOTE: SAME AS LISTED IN OUR LTR OF 9/11/57

Dear Mr. Harshman:

This is in reference to your letter of September 11th, 1957 concerning the above docket. Enclosed you will find a schedule of DMEA royalties due on certain ore shipped from Uranium Development Corporation properties. Also, enclosed are three copies of each settlement sheet supporting the shipments set forth in this schedule. Also enclosed is a check in the amount of $177.39 which covers the DMEA 5% royalty on these shipments. You will notice that we have left out two shipments from your schedule as set forth in your letter of September 11, 1957. The shipment in June of 1957 from the Blackfoot Claim was paid to DMEA by Union Carbide Nuclear Company. Three copies of the royalty statement showing payment are enclosed. Liquidation number 3088 representing shipment in January 1957 from the Blackfoot Claim was not paid to Uranium Development Corporation. We have since learned that this shipment was sold to Climax Uranium Company in Grand Junction, and we shall attempt to see who was paid for the shipment of this ore. This ore was shipped under the name of H. L. Dowell and not Uranium Development Corporation.

We apologize for the fact that you have not received your royalties due before this date. Our impression was that the DMEA royalty would be paid directly by the purchaser of the ore. This was the case with Union Carbide Nuclear Company but not so in the case of other purchasers. We hope that the enclosed check satisfies the requirements as to DMEA royalty.

We should also like to state for the record that there is no contract between Uranium Development Corporation and any of the shippers as requested in your letter of September 11th. The only Uranium Development Corporation contract

PROTOCOL TO
WO-2
DMEA/G. Jet.

is with Glenn Berry of Grand Junction, Colorado. A letter of November 21, 1956 written by your W. M. Traver acknowledged the receipt of four photostatic copies of the recorded mining contract between the Uranium Development Corporation and Glenn Berry. All shipments should have been made in the name of Uranium Development Corporation, and we must again apologize for the shipments that were made in names other than Uranium Development Corporation. We shall take action to see that this does not occur in the future.

If your office desires additional information, please do not hesitate to contract this office.

Very truly yours,

URANIUM DEVELOPMENT CORPORATION

Richard S. Hunt by

Richard S. Hunt
Vice-President

RSH:gb
encl.

cc: Mr. A. K Swann

224 New Customhouse
Denver 2, Colorado

November 18, 1957

RECEIVED NOV 21 1957

11-21 C 220
11/25 800
CERTIFIED MAIL 700

Mr. Richard S. Hunt
Uranium Development Corporation
Mile High Center
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Claims), Montrose County, Colorado

Dear Mr. Hunt:

By certified letters received at your office September 13 and October 14, we requested that you supply us with copies of certain documents and settlement sheets with royalties for approximately 225 tons of past production.

We wish to cooperate with you; however, your lack of response leaves us with no alternative but to inform you that unless the requested documents , settlement sheets and royalties are not ? received in this office within 30 days from the date of this letter, the matter will be referred to the Washington Office, DMEA for whatever action is indicated.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

MHM/vj

cc: Royalty File E452
Sec. Opr. Comm. (2)
DMEA/G.Jct.
Marshall
Chron.

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 14 1957

DATE		CODE
10/14	C	220
10/14	CEB	800
		225

224 New Customhouse
Denver 2, Colorado

October 11, 1957 **CERTIFIED MAIL**

Mr. Richard S. Hunt
Uranium Development Corporation
Mile High Center
Denver 2, Colorado

Re: Docket DMEA 2018 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Claim), Montrose County, Colorado

Dear Mr. Hunt:

In certified letter received by your office September 13, 1957, we listed unreported production and requested royalties and settlement sheets to cover this production. At the same time, you were referred to Article 7 of the contract and requested to submit four (4) copies of each document which will clarify the relationship of Uranium Development Corporation to the shippers of DMEA production: Devar Shumway, J. E. Longwill, Sr. and H. L. Dowell.

Aside from receiving settlement sheets and royalty on production covered by Liquidation Number 7455, Union Carbide Nuclear Company, Purchaser, no reply has been received to the above mentioned requests.

We will appreciate your prompt attention to these matters.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

MHM/vj

cc: Royalty File E452
Semiannual Report File E452
Sec. Opr. Comm. (2)
DMEA/G.Jct
Marshall
Chron.

224 New Customhouse
Denver 2, Colorado

September ~~August~~ 12, 1957

CERTIFIED MAIL

Mr. Richard S. Hunt
Uranium Development Corporation
Mile High Center
Denver 2, Colorado

Re: Docket DMEA 2018 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Claims), Montrose County, Colorado

Dear Mr. Hunt:

Enclosed is a typed copy of our letter to you of September ~~August~~ 11, 1957 which may not reach the intended destination owing to an incomplete mailing address.

Very truly yours,

Original signed by
E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

Enclosure

MHM/vj

cc: Semiannual Report File E452
Royalty File E452
Sec. Opr. Comm. (2)
DMEA/G.Jct.
Marshall
Chron.

9-16 C
220
225

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 16 1957
DATE | INITIAL | CODE
9-16 | C | 220
9/16 | wy | 800
| | 225

224 New Customhouse
Denver 2, Colorado

August 11, 1957

Mr. Richard S. Hunt
Uranium Development Corporation
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Claims), Montrose County, Colorado

Dear Mr. Hunt:

A check of AEC production records reveals that neither royalties nor settlement sheets have been received for the below listed production, which is subordinated to the Government under the terms of the captioned contract.

Liq.No.	Date Mo.	Year	Claim	Shipper	Dry Tons
?	8	56	Good Hope	Devar Shumway	15.83
8074	9	56	" "	" "	17.46
?	9	56	Red Fox	J.E.Longwill, Sr.	34.20
8602	1	57	Blackfoot	H. L. Dowell	17.67
3088	1	57	"	" "	6.59
?	2	57	Red Fox	Uranium Devel. Corp.	27.09
?	3	57	" "	" " "	79.80
?	6	57	Blackfoot	" " "	39.08
0095	4	57	Red Fox	" " "	26.67

Please submit three (3) copies of each settlement sheet covering this production with load details where applicable, and submit your royalty check for the total amount due.

You will note that Uranium Development Corporation made only the shipments included under last four liquidations. Your attention is directed to Article 7 of Contract Idm-E452 and you are requested to submit four copies of each agreement which exists or existed between you and the shippers: Devar Shumway, J. E. Longwill, Sr., and H. L. Dowell.

Very truly yours,
Original signed by
E. N. HARSHMAN
E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

MHM/vj
cc: Semiannual ReportFile E452)
Royalty File E452)
Sec. Opr. Comm. (2))
DMEA/G.Jct.) w/cy Salsbury 9/4/57 memo.
Marshall
Chron

DMEA
ARTMENT OF THE INTERIOR
SEP 5 - 1957
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

September 4, 1957

Memorandum

To: M. H. Marshall

Through: Executive Officer,
DMEA Field Team
Region III

From: M. H. Salsbury

Subject: Docket No. DMEA 2613 (Uranium), Contract Idm-S 452, Uranium Development Corporation (Blackfoot group of claims), Montrose County, Colorado, Comparison of AEC production records with shipments on which DMEA royalties have been paid.

A check of AEC production records made in connection with Semiannual Reports of Certified Projects for the period January 1, 1957 to June 30, 1957 shows that, according to lists furnished by the Denver office of the DMEA Field Team Region III, no royalty has been paid on the following shipments made during the period July 1, 1956 and June 30, 1957.

Liq. No.	Date Mo.	Date Year	Claim	Shipper	Dry Tons	U_3O_8 %	U_3O_8 lbs.	V_2O_5 %	V_2O_5 lbs.	Mill 1/
?	8	56	Good Hope	Devar Shumway	15.83	0.39	122.58	2.30	729.00	15
8074	9	56	" "	" "	17.46	0.27	93.03	2.05	717.00	15
?	9	56	Red Fox	J.E. Longwill, Sr.	34.20	0.15	103.19	1.06	727.00	15
8602	1	57	Blackfoot	M.M. Dowell	17.87	0.13	45.42	1.14	407.00	15
3058	1	57	"	" "	8.59	0.17	22.39	1.20	156.04	21
?	2	57	Red Fox	Uranium Devel. Corp.	27.09	0.14	74.53	0.56	314.00	15
?	3	57	" "	" "	79.80	0.12	196.25	0.60	954.00	15
?	6	57	Blackfoot	" "	39.08	0.14	107.13	0.81	631.03	11
0095	4	57	Red Fox	" "	26.67	0.11	58.70	0.61	325.00	15

1/ Mill 15 is Vanadium Corporation of America, Naturita, Colorado

Mill 21 is Climax Uranium Corporation, Grand Junction, Colorado

Mill 11 is Union Carbide Nuclear Co., Uravan, Colorado.

All the foregoing shipments except the last ~~two~~ four appear to have been made by lessees of the Uranium Development Corporation.

It was determined by comparison of the AEC and DMEA records that DMEA royalty has been paid on all other shipments made from the subject property during the period covered.

M. R. Salsbury

M. R. Salsbury,
Mining Engineer

mrs/oh

URANIUM DEVELOPMENT CORPORATION
MILE HIGH CENTER
DENVER 2, COLORADO

2618

November 30, 1956

DMEA
MENT OF THE INTERIOR
DEC 5 1956
REGION III
DENVER, COLORADO

Mr. William H. Traver
224 New Customs House
Denver, Colorado

Dear Mr. Traver:

This is to advise that all of the A. E. C. bonus on the Blackfoot Property, Contract IDM-E452 was exhausted in 1953 and all bonus payments to the D. M. E. A. have been made.

Yours very truly,

URANIUM DEVELOPMENT CORPORATION

Richard S. Hunt

Richard S. Hunt
Vice President and Treasurer

PPK/tjr

Photocopy to file
Contract IDM E452
J.F. Shaw (2)
Sec Uranium (2)

700

FILE COPY
Surname:
Ching
Selfridge
Kaufman
Wickenden

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

NOV 30 1956

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
221 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMA-2618 (Uranium)
Contract No. Idm-1452
Uranium Development Corporation
Blackfoot Claims
Montrose County, Colorado

Dear Mr. Traver:

In connection with your memorandum of November 21, 1956, regarding the acceptability of a Mining Contract between the captioned corporation and Glenn Berry, we are enclosing two copies of a memorandum, dated November 28, 1956, from the Associate Solicitor, Division of Mineral Resources, which is self-explanatory.

Sincerely yours,

George C. Selfridge
(Ryesf)
Chairman, Operating Committee

Enclosures

APPROVED:

Frank D. Lamb (Ryesf)
Member, Bureau of Mines

Thor H. Kiilsgaard (Ryesf)
Member, Geological Survey

MChing/izm 11-29-56
cc to: Docket
Code 700
Mr. ~~Knouse~~ Ching
Admr.'s Reading File
Operating Committee

Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

NOV 28 1956

Memorandum

To: The Administrator, DMEA
Attention: Chief, Rare and Miscellaneous Metals Division

From: Associate Solicitor, Division of Mineral Resources

Subject: Docket No. DMEA-2618, Uranium Development Corporation
Contract No. Idm-E452 (Uranium)

The Mining Contract dated August 1, 1956, between the Operator and Mr. Glenn Berry of Grand Junction, Colorado, has been reviewed.

It is acceptable and complies with Article 7 of the DMEA contract, since the Company remains obligated to pay royalty and has retained its interest in the land.

Robert P. Dwyer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED NOV 26 1956 D.M.E.A.

224 New Customhouse
Denver 2, Colorado

November 21, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2618-(Uranium), Contract Idm-E452, Uranium Development Corporation (Black Foot Claims), Montrose County, Colorado

Enclosed for your review as to its legal acceptability are two photocopies of a recorded Mining Contract between the Uranium Development Corporation and Glenn Berry, dated August 1, 1956. Paragraph "H" on page 3 of the instrument make provision for the preservation of the Government's interest. It appears that Uranium Development Corporation continues to assume responsibility for making DMEA royalty payments.

Enclosed for your information and files in this connection are two copies of the following:

1. Letter dated September 25, 1956 from Mr. Richard S. Hunt, enclosing four typwritten copies of the cited instrument.

2. Letter dated November 20, 1956 from Mr. Richard S. Hunt, enclosing four photostatic copies of the cited instrument and requesting return of copies previously submitted.

3. Certified letter dated November 21, 1956 acknowledging receipt of four photostatic copies of the recorded Mining Contract and returning therein the four typewritten copies previously submitted.

W. M. Traver

W. M. Traver

URANIUM DEVELOPMENT CORPORATION
MILE HIGH CENTER
DENVER, COLORADO

September 25, 1956

U. S. Department of the Interior
Defense Minerals Exploration Administration
224 New Customs House
Denver 2, Colorado

Re: Docket D. M. E. A. 2818 (Uranium)
Contract IDM-E452
Uranium Development Corporation
Black Foot Claims
Montrose County, Colorado

Attention Mr. J. W. Townsend, Acting Executive Officer
D. M. E. A. Field Team, Region 3

Dear Mr. Townsend:

My apologies for the delay in fulfilling the requirements set forth in your letter addressed to our attorney, Mr. Claude W. Blake and dated September 4, 1956.

Please be informed that I have notified Mr. Glen Berry, 831 24 Road, Grand Junction, Colorado, who is the contractor on this claim group, to fulfill all the requirements of your office insofar as settlement sheets and all pertinent data which concern the shipment of ore from these properties.

I have received this date in the mail from Mr. Claude Blake four copies of the mining contract executed by Uranium Development Corporation and Mr. Glen Berry dated August 1, 1956, which I am enclosing for your files. The original of the contract has been misplaced in our files and I had Mr. Berry secure from the records of the County Clerk's office at Montrose, Colorado, the enclosed typewritten copies, which I hope are sufficient to temporarily fulfill the requirement and upon receipt of the original, I will see that you are furnished with photostatic copies for your files.

Yours very truly,

URANIUM DEVELOPMENT CORPORATION

Richard S. Hunt

Richard S. Hunt

RSH/tjr
Encls.

URANIUM DEVELOPMENT CORPORATION
MILE HIGH CENTER
DENVER 2, COLORADO

November 20, 1956

DMEA
DEPARTMENT OF THE INTERIOR
NOV 21 1956
REGION III
DENVER, COLORADO

U. S. Department of the Interior
Defense Minerals Exploration Administration
224 New Customs House
Denver 2, Colorado

Re: Docket D. M. E. A. 2618 (Uranium)
Contract IDM-E452, Uranium Development Corp.
Black Foot Claims, Montrose County, Colorado

Attention Mr. J. W. Townsend, Acting Executive Officer
D. M. E. A. Field Team, Region 3

Dear Mr. Townsend:

As promised in our letter to you of September 25, 1956, you will find enclosed four photostatic copies of the recorded Mining Contract between The Uranium Development Corporation and Mr. Glenn Berry, dated August 1, 1956.

This instrument was recorded at 3:30 p. m. August 7, 1956, in Book 691 at page 334 in Mesa County, Colorado, as instrument No. 674932.

Upon receipt of these documents, please return to this office the four unrecorded copies mailed to your office under date of September 25, 1956.

Yours very truly,

URANIUM DEVELOPMENT CORPORATION

Richard S. Hunt

Richard S. Hunt
(TR)

RSH/tjr
Encls-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

CERTIFIED MAIL

November 21, 1956

Mr. Richard S. Hunt
Uranium Development Corporation
Mile High Center
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium), Contract Idm-E 452, Uranium Development Corporation (Black Foot Claims), Montrose County, Colorado

Dear Mr. Hunt:

We have received four photostatic copies of the recorded Mining Contract between The Uranium Development Corporation and Mr. Glenn Berry enclosed with your letter of November 20, 1956.

Accordingly, we return herein the four unrecorded copies previously mailed to this office, as requested by your letter of November 20.

Yours very truly,

Original signed by
W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM/vj

cc: Royalty File E452
Corres. File E452
Sec. Opr. Comm. (2)
J. F. Shaw (2)
Marshall
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

November 16, 1956

Mr. Claude W. Blake, Attorney
Uranium Development Corporation
Suite 620, Ernest & Cranmer Building
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Claims), Montrose County, Colo.

Dear Mr. Blake:

To bring our royalty files current, you are requested to submit an original and six (6) copies of a statement regarding your status of eligibility to receive AEC bonus payments for production of the first 10,000 lbs of U_3O_8 from land subordinated to the Government by the terms of Contract Idm-E452.

Yours very truly,

Original signed by
W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

MHM/vj

cc: Royalty File E452
Corres. File E452
Sec. Opr. Comm. (2)
J.F. Shaw (2)
Marshall
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
SEP 17 1956

224 New Customhouse
Denver 2, Colorado

September 13, 1956

Memorandum

To: J. F.Shaw (2)

From: Executive Officer, DMEA Field Team, Region III

Subject: Reporting error in Semiannual Report of Certified Project for the period January 1, 1956 through June 30, 1956, Docket DMEA 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation (Vixen Mining District), Montrose County, Colorado

In the semiannual report for the subject contract recently submitted to this office, an amount has been entered after the item Amount of Royalty Due when the word "None" is appropriate.

Royalty is due the Government when production is made from the land described in the contract, and then in the manner and amount as set forth by the contract. Hence, no amount is to be entered after this item unless the Operator owes the Government royalty on the actual or assigned value of production, which was made on or before the last date of the period covered by the report.

Please have this fact brought to the attention of the examining engineer who prepared the above mentioned report.

W. M. TRAVER

W. M. Traver

MHM/vj

cc: Semiannual Report File E452
Sec. Opr. Comm. (2)
E. N. Harshman
J. W. Hasler
Marshall
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
SEP - 7 1956

224 New Customhouse
Denver 2, Colorado

September 4, 1956

Mr. Claude W. Blake, Attorney
Uranium Development Corporation
Suite 620, Ernest & Cranmer Building
Denver 2, Colorado

Re: Docket DMEA 2618 (Uranium)
Contract Idm-E452
Uranium Development Corporation
(Blackfoot Claims)
Montrose County, Colorado

Dear Mr. Blake:

We have recently received information which indicates the property described in the subject contract has been subcontracted to a Mr. Glenn Berry, 831 24 Rd., Grand Junction, Colorado. Further, we understand Mr. Berry resumed mining operations on or about August 2, 1956 and is making shipments of ore which are subject to Government royalty.

Please advise us promptly of the nature of the subcontract by furnishing four copies (signed copies or photostats of a signed copy preferred) of the instrument to this office. The requirements which must be met are stated in Article 7 of the contract.

For your information the last settlement sheet submitted to this office is dated March 16, 1956 for Liquidation No. 6579, Union Carbide Nuclear Company, purchaser. You are accordingly requested to submit four copies of each settlement sheet with applicable royalty for all production sold subsequent to March 16, 1956.

In addition, we require that four copies of the load detail accompany each settlement sheet in which settlement is made covering a series of individual shipments. The load detail sheet must

show the dry weight and assay of each shipment. This assures the Operator and the Government of accuracy, and serves as a permanent record which may be subjected to inspection in the future.

Very truly yours,

J. W. Townsend

J. W. Townsend
Acting Executive Officer,
DMEA Field Team, Region III

MM:jy
cc: Royalty File E452
Sec. Op. Comm. (2)
Shaw
Marshall
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 6, 1956

Claude W. Blake, Attorney
Uranium Development Corporation
Suite 620, Ernest & Cranmer Building
Denver 2, Colorado

Re: Royalty payments, DM EA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Vixen Mining District, Montrose County, Colo.

Dear Mr. Blake:

Uranium Development Corporation's check No. 0988 in the amount of $1,588.55 for the payment of royalties due the Government as determined by Royalty Audit No. 1 for DMEA Contract Idm-E452 was received today.

We thank you and your corporation for assistance given in bringing this account current.

Yours very truly,

W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

RDB/vj

cc: Royalty File E452
Sec. Opr. Comm. (2)
J. F. Shaw (2)
Berkenkotter
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
FEB 16 1956

224 New Customhouse
Denver 2, Colorado

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

February 14, 1956

Mr. Claude W. Blake, Attorney
Uranium Development Corporation
620 E. and C. Building
Denver 2, Colorado

Re: Royalty payments, DMEA Docket 2618 (Uranium)
Contract Idm-E452, Uranium Development Corporation, Vixen Mining District, Montrose County, Colorado

Dear Mr. Blake:

Reference is made to the First Royalty Audit for Contract Idm-E452, a copy of which was furnished to your corporation on February 7, 1956. It was determined by a DMEA auditor for the Contract Administration and Audit Division that royalties due on ore produced under DMEA Contract Idm-E452 amounts to $1,588.55 in addition to the payments already made to this agency.

Please send a check for this full amount ($1,588.55) to the Executive Officer, DMEA Region III, Room 224 New Customhouse, Denver 2, Colorado. All Government royalty checks are to be made payable to the Defense Minerals Exploration Administration.

Yours very truly,

W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

RDB/vj
cc: Mr. Murphy Thomas, President
Uranium Development Corporation
Royalty File E452
Sec. Opr. Comm. (2)
J. F. Shaw (2)
T. A. Christensen
Berkenkotter
Chron.

Talbert

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

FEB - 3 1956

Mr. Donald T. Finch
DMEA Auditor
224 New Customhouse
Denver 2, Colorado

Re: Royalty Audit Report
Idm-E452, DMEA-2618
Uranium Development Corporation

Dear Don:

Receipt is acknowledged of your First Royalty Audit Certificate and Report covering the above-cited contract.

The report is acceptable and normal distribution may be effected.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

WBorovies/wb
February 3, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 13, 1956

RECEIVED
JAN 16 1956

Mr. Claude W. Blake, Attorney
Uranium Development Corporation
620 Ernest & Cranmer Building
Denver, Colorado

Re: Royalty Payments, DMEA Docket 2618 (Uranium)
Contract Idm-E452, Uranium Development Corp.
Vixen Mining District, Montrose County, Colo.

Dear Mr. Blake:

Please disregard our letter of January 9, 1956. Matters discussed in this letter will be thoroughly handled by a first royalty audit for the subject contract, which is now in process.

You will be advised of the amount still due under Contract Idm-E452 upon release of the audit.

Very truly yours,

W. M. TRAVER,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

RDB:bh

cc: Mr. Murphy Thomas, President
Uranium Development Corporation

Roy. File E-452
Sec. Op. Comm. (2)
J. F. Shaw (2)
D. T. Finch
R. D. Berkenkotter
Chron.

1-13-56 dgm

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JAN 12 1956

224 New Customhouse
Denver 2, Colorado

CERTIFIED MAIL

January 9, 1956

Mr. Claude W. Blake, Attorney
The Uranium Development Corporation
620 Ernest & Cranmer Building
Denver, Colorado

Re: Royalty payments, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporatin, Vixen Mining District, Montrose County, Colorado

Dear Mr. Blake:

We are returning herewith the settlement sheets submitted by you. A sufficient number of photo copies have been made for our use.

Royalty due the Government on these shipments at 5.0 percent of the gross payment amounts to $974.22. In addition, the Atomic Energy Commission has notified us by letter dated August 5, 1955 that as of the date of Contract Idm-E452 (November 24, 1952) your corporation was elligible to receive the A.E.C. Production bonus on 2796.68 pounds of U_3O_8 and that this has all been subsequently paid with the exception of 34.35 pounds of U_3O_8 produced by Bradshaw Brothers from the Blackfoot claim in October 1952. As this production was prior to the contract date we therefore claim the Government's royalty on 2762.33 pounds of contained U_3O_8, computed as follows:

Liq. No.	Purchaser	Claim	#U_3O_8	AEC Prod.Bonus	Roy.Due
613	Climax	Red Fox	126.56#	$442.96	$22.15
614	Climax	Blackfoot	111.97#	369.50	18.48
4366	USV	Blackfoot	186.00#	651.00	32.55
4417	USV	Blackfoot	221.89#	776.62	38.83
4420	USV	Grey Fox	12.29#	20.89	1.04
4464	USV	Blackfoot	267.62#	936.67	46.83
4/23-5/15/53	VCA	Gray Fox	38.27#	74.40	3.72
4544	USV	Blackfoot	319.64#	1,118.74	55.94
4577	USV	Blackfoot	160.20#	560.70	28.04
4671	USV	Blackfoot	272.12#	952.42	47.62
4740	USV	Blackfoot	290.32#	1,016.12	50.81
4765	USV	Blackfoot	326.35#	1,142.23	57.11

Liq. No.	Purchaser	Claim	#U3O8	AEC Prod.Bonus	Roy.Due
4860	USV	Blackfoot	131.01#	$458.54	$22.93
4895	USV	Blackfoot	154.64#	541.24	27.06
4958	USV	Blackfoot	143.45# only	502.08	25.10
	Total A.E.C. Production Bonus Royalty due				$478.21

Please send your check for $1,452.43 to the Executive Officer, DMEA Region III, Room 224 New Customhouse, Denver 2, Colorado. All Government royalty checks are to be made payable to the Defense Minerals Exploration Administration.

Yours very truly,

W. M. TRAVER

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures

cc: Mr. Murphy Thomas, President
Uranium Development Corporation

RDB/vj

cc: Royalty File E452
Sec. Opr. Comm. (2)
J. F. Shaw (2)
D. T. Finch
Berkenkotter
Chron.

Surname copy

700

Ching

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEC 29 1955

Mr. Claude W. Blake, Attorney
The Uranium Development Corporation
Suite 620
Ernest and Cramer Building
Denver 2, Colorado

Re: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-E452
Blackfoot Claims
Montrose County, Colorado

Dear Mr. Blake:

This is to thank you for your letter of December 20, 1955, regarding royalty payments under the subject contract.

We deeply appreciate the cooperation of The Uranium Development Corporation in making the necessary arrangements for bringing its royalty payments up to date.

Sincerely yours,

C. O. Mitchell

Administrator

MChing/gla
12-28-55
cc to: Admr.'s Reading File
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Ching
DMEA Field Team, Region III (2)

12/23/55 gla

CLAUDE W. BLAKE
ATTORNEY AT LAW
SUITE 620
ERNEST AND CRANMER BUILDING
DENVER 2, COLORADO

CHERRY 4-6637

RECEIVED
DEC 22 1955

December 20, 1955

Mr. C. O. Mittendorf
Defense Minerals Exploration
Administrator
U. S. Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

Re: Docket No. DMEA-2618 (Uranium)
Blackfoot Claims
Montrose County, Colorado
Contract No. Idm-E452

This acknowledges receipt of your letter addressed to The Uranium Development Corporation and dated December 9, 1955, which was in answer to a letter from me as Attorney for The Uranium Development Corporation addressed to Mr. W. M. Traver, Executive Officer DMEA, Field Team, Region III, 224 New Customhouse, Denver, Colorado, dated August 25th, 1955.

I have read your letter of December 9th very carefully and have taken notice of the fact that the DMEA has ruled that The Uranium Development Corporation must pay royalties on uranium ore produced between the 24th day of November, 1952, and December 16, 1953, the date when we began making royalty payments under our DMEA contract.

This is to advise you that The Uranium Development Corporation will provide the DMEA office at Denver, Colorado with the necessary copies of settlement sheets for all shipments of ore from the claims listed in Contract Idm-E452 subsequent to November 24, 1952 which have not previously been reported.

I note from a letter dated December 13, 1955, from Mr. E. N. Harshman, Acting Executive Officer, DMEA Field Team, Region III, 224 New Customhouse Building, Denver 2, Colorado that if a sufficient number of settlement sheets are not available Mr. Harshman's office will make duplicates for their files after which our originals will be returned to us. We plan to have him make these copies for us as quickly as possible and, upon receiving information as to the amount of royalties due, we will expedite the payment thereof as soon as possible.

Yours very truly,
THE URANIUM DEVELOPMENT CORPORATION
By Claude W. Blake, Attorney

CWB:DRW
CC: W. M. Traver
R. J. Eveleigh
Louis Avant

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC 15 1955

CERTIFIED MAIL

224 New Customhouse
Denver 2, Colorado

December 13, 1955

RECEIVED
DEC 19 1955

Mr. Murphy Thomas, President
The Uranium Development Corporation
5905 Estes Street
Arvada, Colorado

Re: Royalty payments, DMEA Docket 2618,
(Uranium), Contract Idm-E452,
Uranium Development Corporation,
Montrose County, Colorado

Dear Mr. Thomas:

Reference is made to letter dated December 9, 1955, to the Uranium Development Corporation concerning royalties due the U. S. Government for production under DMEA Contract Idm-E452. This letter, signed by C. O. Mittendorf, DMEA Administrator, specifically restates the Government's requirements for royalty payments as being precisely as stated in the provisions of the contract.

This letter, therefore, constitutes an official request that this royalty account be brought current. Your corporation is instructed to furnish to this office four copies of settlement sheets for all shipments of ore from the claims listed in Contract Idm-E452 subsequent to November 24, 1952, which have not previously been reported. If a sufficient number of settlement sheets are not available for our purposes, please forward your copies. We will make duplicates for our files after which your originals will be returned to you. We will compute the royalty due and inform you of the amount still due this agency.

Your early attention to this matter will be greatly appreciated in order that the royalty audit which was started last june can be completed.

Yours very truly,

EDB:prl
cc: Sec. Op.Comm. (2)

E. N. Harshman

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

cc: Mr. Claude W. Blake, Attorney
The Uranium Development Company
620 E and C Building
Denver, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

140

Brtin
Chang
Ellis
Chamberlin
Selfridge
Johnson

Uranium Development Corporation
620 E and C Building
Denver, Colorado

DEC - 9 1955

Re: Docket No. DMEA-2618 (Uranium)
Blackfoot Claims
Montrose County, Colorado
Contract No. Idm-2452

Gentlemen:

This responds to your letter dated August 25, 1955 to Mr. W. M. Traver, Executive Officer, Region III, concerning royalty payments due under the subject contract. We regret that our efforts to assemble all pertinent data caused a delay in our reply.

Your letter raises two questions which are hereinafter stated and discussed separately.

The contract, which bears the date November 24, 1952, required commencement of work within 60 days from the contract date, and completion of the project within 8 months from said date, or by July 24, 1953. Amendment No. 1, dated July 10, 1953, extended the time for the beginning of work to September 1, 1953, and extended the time for completion to 16 months. Work was in fact commenced on July 10, 1953, and completed August 12, 1953. A certification of discovery or development was made October 21, 1953.

Article 6 of the contract provides that in the event of certification ".... any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract ....shall be subject to a percentage royalty ...."

The first question presented in your letter concerns the land area, production from which is subject to the Government's royalty. Article 2 of the contract describes the subject land as that enumerated in Annex I, attached thereto, which particularly describes nine claims, including the Blackfoot. In this respect, your letter concedes that the contract language clearly states that any minerals mined or produced from the land described therein from the date of the contract are subject to the Government's percentage royalty. However, your letter contains the statement that it was not "the intention of the parties" that ore produced from the area of a known ore body, on the Blackfoot Claim, should be subject to the Government's royalty, and in support of this position your letter quotes from a report, dated one year and a day subsequent to the date of the contract, made by your engineer, Professor Paul H. Keating, to your Board of Directors to that effect.

R.S.S.

Our review of the facts concerning the land included in ontract discloses that there is no evidence that the Govern- at any time intended to exclude any portion of the land de- bed in the contract. In the absence of substantial evidence losing such an intention, the contract may not now be amended accomplish the result you desire. Accordingly, it is our view at all production from all the mining claims described in the ontract remain subject, by the terms thereof, to the Government's ercentage royalty.

The second question raised in your letter refers to the d be considered as the date of the contract for the date that porting royalty due the Government. Some additional purpose of ts are hereinafter stated.

clarifyi

Article 2(a) of the contract the Operator represented the owner of the land and that there were no claims or that against it. In this connection, by letter dated encu 1952, the AEC informed you that certain claims referred Oct letter to it, dated September 11, 1952, appeared to be to cause of prior power site classifications. Although was known to you prior to the execution of the contract, the Minerals Exploration Administration was not so advised ter the contract had been signed, and then by the AEC. er the Executive Officer promptly informed you, in a letter ecember 18, 1952, that he had been advised of your insuffic- terest in the land. His letter also stated that:

> "You should not start work under the terms of contract Idm-2452 until such time as you have cleared title to the claims involved.
>
> "We will hold your exploration project contract in abeyance for a reasonable length of time to enable you to perfect your title ...."

In your letter of acknowledgment, dated December 23, 1952, to the Executive Officer, it was stated that you would proceed immediately to obtain a good title to the claims involved in the exploration contract, and expressed appreciation for the Executive Officer's willingness " .... to hold this matter in abeyance ...." pending your efforts to perfect title.

By letter, dated June 10, 1953, the Executive Officer requested that you advise him of the date when it was expected that work would be commenced in accordance with the contract. He expressly mentioned that Article 3 of the contract provided that work was to be completed by July 24, 1953, and that if the Operator were -

Our review of the facts concerning the land included in the contract discloses that there is no evidence that the Government at any time intended to exclude any portion of the land described in the contract. In the absence of substantial evidence disclosing such an intention, the contract may not now be amended to accomplish the result you desire. Accordingly, it is our view that all production from all the mining claims described in the contract remain subject, by the terms thereof, to the Government's percentage royalty.

The second question raised in your letter refers to the date that should be considered as the date of the contract for the purpose of computing royalty due the Government. Some additional clarifying facts are hereinafter stated.

In Article 2(a) of the contract the Operator represented that it was the owner of the land and that there were no claims or encumbrances against it. In this connection, by letter dated October 2, 1952, the AEC informed you that certain claims referred to in your letter to it, dated September 11, 1952, appeared to be invalid because of prior power site classifications. Although this fact was known to you prior to the execution of the contract, the Defense Minerals Exploration Administration was not so advised until after the contract had been signed, and then by the AEC. Thereafter the Executive Officer promptly informed you, in a letter dated December 18, 1952, that he had been advised of your insufficient interest in the land. His letter also stated that:

> "You should not start work under the terms of contract Idm-2452 until such time as you have cleared title to the claims involved.
>
> "We will hold your exploration project contract in abeyance for a reasonable length of time to enable you to perfect your title ...."

In your letter of acknowledgment, dated December 23, 1952, to the Executive Officer, it was stated that you would proceed immediately to obtain a good title to the claims involved in the exploration contract, and expressed appreciation for the Executive Officer's willingness " .... to hold this matter in abeyance ...." pending your efforts to perfect title.

By letter, dated June 10, 1953, the Executive Officer requested that you advise him of the date when it was expected that work would be commenced in accordance with the contract. He expressly mentioned that Article 3 of the contract provided that work was to be completed by July 24, 1953, and that if the Operator were -

" .... still desirous of performing the exploration work under the terms of the contract it will be necessary .... to obtain an amendment to the contract to extend the completion date of the work. Otherwise, you will be in default under the terms of the contract, effective July 24, 1953.

"Unless we hear from you by that date, we will consider that you are no longer interested in performing the exploration work and will take the necessary steps toward terminating the contract."

The Operator's letter of June 25, 1953, acknowledged receipt of the Executive Officer's letter of June 10, 1953, and stated that:

" .... we have as yet been unable to establist our title to the claims listed in the above named contract but are still desirous of performing the exploration work under the terms thereof.

"In view of this situation it is necessary for us to obtain an amendment to the contract to extend the completion date of the work."

On July 10, 1953, the parties executed Amendment No. 1 which stated that it was an amendment to " .... contract dated November 24, 1952 .... effective as of the date of said contract."

In your letter of August 25, 1955, you contend that as a result of the exchange of correspondence above-mentioned, the contract date was changed to July 10, 1953, the date when work began. The basis for such contention is that by reason of the language contained in the Executive Officer's letter of December 18, 1952 (which he promptly wrote upon learning of the insufficient interest in the land) that the contract would be held "in abeyance," no contract existed until work was begun on July 10, 1953. The case of Fenn v. American Button & Reed Mfg. Co., 130 N. E. 129 (Ind. 1921), is cited to support this position. Our review of the cited case leads us to conclude that it does not support your contention. This case dealt with the question as to whether correspondence between parties disclosed the existence of a contract when the offeree held an offer "in abeyance." The court, citing Webster's dictionary definition of "abeyance" as meaning "a condition of being undetermined," held that it did not. It was clear in that case that only the offer to contract was held in abeyance.

On the other hand, our question arises under a contract that contains a date of agreement, contains dates for performance and completion, and has been fully performed by both parties except for the payment of royalty. It appears to us, therefore, that the second question must be determined upon the principle that the legal effect of the language of the contract must be interpreted in the light of the practical interpretation and construction given to it by the parties, as evidenced by their correspondence concerning the contract and their actions under the contract. (3, Corbin on Contracts, sec. 558 (1951 ed.))

As we view the facts, your Company was in default under the contract from its inception, because of an insufficient interest in the land. Instead of repudiating the contract, the Executive Officer granted "a reasonable length of time to enable you to perfect your title." Thereafter, the correspondence referred to above acknowledged the existence of the contract. Amendment No. 1 executed on July 10, 1953, the date which you contend should be the date of the contract, specifically referred to the date of the contract as November 24, 1952, and was made effective as of that date. In view of the foregoing, it is our opinion the facts indicate that the contract executed by the parties never ceased to exist; that the date of the contract was never changed, but only the date for the commencement of work was delayed; and therefore the Government is entitled to royalty beginning with November 24, 1952.

Sincerely yours,

[illegible] Rutenbeck
(by ESF)
Administrator

HCRubin/wog - 12/6/55
Copies to: DMEA Docket
Operating Committee
Adm. Reading File
E. W. Ellis
Field Team, Reg. III (2)
J. E. Crawford, Bu. Mines
T. H. Kiilsgaard, G. S.
R. P. Dwyer
H. C. Rubin
Chron.
Pending
Claude W. Blake

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC - 1 1955

224 New Customhouse
Denver 2, Colorado

November 28, 1955

D. E. Clark, Office Manager
Union Carbide Nuclear Company
Uravan, Colorado

Re: Royalty payments, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Vixen Mining District, Montrose County, Colorado.

Dear Mr. Clark:

We acknowledge receipt of settlement sheets and royalty payment in the amount of $21.94 for Liquidation No. 6399. This shipment was made from the Good Hope claim by the Uranium Development Corporation.

You included a notice with the settlement sheets requesting that we sign the additional copies of settlement sheets an d return them to your office. We believe that you intended that this request be mailed to the Uranium Development Corporation and we are returning it herewith along with the one extra copy of the settlement sheet. We require four copies for our use.

Yours very truly,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

By J. W. Townsend
J. W. Townsend

Enclosure

RDB/vj

cc: Royalty File E452
Sec. Opr. Comm. (2)
J. F. Shaw (2)
Berkenkotter
Chron.

Surname copy

700

Ching
Ellis

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

November 18, 1955

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Michael Ching, Mining Engineer
Rare and Miscellaneous Metals Division

Subject: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
Blackfoot Claims
Montrose County, Colorado

Please refer to your memorandum of October 19 regarding royalty payments under the subject contract, the Operating Committee's letter of October 24 to the Executive Officer, Region III, and the Executive Officer's memorandum of November 14.

It is evident that the Field Team does not consider that the producing area was included in the contract in error.

Will you, therefore, make a legal determination of the first question set forth in your memorandum of October 19?

Michael Ching

MChing/gla
cc to: Docket
Code 700
Mr. Ching

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
NOV 16 1955

November 14, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Vixen Mining District, Montrose County, Colorado

This replies to your letter of October 24, 1955 which was received in answer to our memorandum dated September 23, 1955.

Replying to the recommendation contained in the quotation from the Associate Solicitor (paragraph 2 of your letter), please be advised as follows:

1. The question of deleting that portion of the Blackfoot claim from which uranium ore had previously been produced from the lands subordinated to the Government under Contract Idm-E452 did not arise while the contract was in preparation, or during the life of the contract.

2. Had the Uranium Development Corporation requested that the existing workings on the Blackfoot claim be omitted from their contract (and consequently that Government's claim to royalty payments from possible production from this area be waived), this office would not concur. Our recommendations would have been based on the following points which have constituted the policy of the DMEA Field Team, Region III in all cases and specifically in this one:

   a. Drill holes were proposed by the applicant on the Blackfoot claim and some in the near vicinity (100 ft.) of the existing workings.

   b. In case ore is shipped from the Blackfoot claim

each shipment would present a separate question as to whether or not DMEA royalty is due if a portion of this claim was excluded from the contract.

c. We look with disfavor on all proposals by DMEA applicants to withhold the known "hot spots" from subordination in proposed contracts where these "hot spots" should logically be included with a block of ground or group of claims.

3. Drill holes on the Blackfoot claim were approved by the Government; included in DMEA Contract Idm-E452; drilled at the proposed locations; and they did result in discovering ore and extending the known limits of the Blackfoot mine. The entire area therefore did benefit from the Government's assistance.

We believe the main question to be decided is the time element and not the land included in the contract as was stated by the Associate Solicitor. Our recommendations as to the lands to be included are fully covered above. We can make no recommendation to change the effective date of the contract as we believe this change can legally be made only by the Administrator. It is our opinion that Contract Idm-E452 is legally binding as written on both the Operator and the Government.

3 We request that Washington office personnel again review our September 24th memorandum and notify the Operator and this office of your official decision.

W. M. Traver

By J. W. Townsend

J. W. Townsend

10/28/55 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

AIR MAIL

October 26, 1955

RECEIVED
OCT 27 1955

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Vixen Mining District, Montrose County, Colorado

To date we have received no indication that the action requested by our memorandum of September 23, 1955 concerning the subject royalty payments has been initiated. As a royalty audit for this contract is being deferred pending Washington office action in this matter we recommend this to your attention for first priority action.

We enclose one photo copy of our September 23, 1955 letter for your convenience.

W. M. Traver

W. M. Traver

Enclosure

RECEIVED
OCT 27 1955

September 23, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Vixen Mining District, Montrose County, Colorado

DMEA auditors have initiated their first royalty audit for DMEA Contract Idm-E452 and have determined that shipments for which considerable royalty is due the U. S. Government have not been reported. When requested to bring their royalty account current, Mr. Claude W. Blake, Attorney for the Uranium Development Corporation submitted the enclosed letter dated August 25, 1955 which explains Uranium Development Corporation's understandings of the contract provisions. We do not agree that this company has a logical and well-founded complaint as regards the effective date of Contract Idm-E452.

The enclosed documents have been carefully reviewed and the following points have a decided bearing on this matter:

1. Contract Idm-E452 was entered into by the Government on the basis of the certification that the applicant company was the owner of the property to be explored. Form MF-103 of the original application, which so certified this ownership, was duly signed by Murphy Thomas, president, and Jean Cortvriendt, secretary.

2. The Uranium Development Corporation, had the benefit of the legal opinion of Mr. Claude W. Blake, their attorney, at the time the application was submitted and were evidently convinced that they were the rightful owners of the property.

3. Contract Idm-E452 was signed by the above company officials on November 24, 1952, thereby signifying there willingness to bind the Uranium Development Corporation to all the terms of the contract, including the provisions for royalty repayment.

Here again the corporation's legal representative must have given his approval to this document.

4. Proof that Uranium Development Corporation had no valid title to the property was furnished to this corporation by the U. S. Government (John F. Shaw's letter of December 10, 1952). This letter (fully quoted in Mr. Blake's letter, attached) was the direct cause of the Uranium Development Corporation's application to the Atomic Energy Commission for a uranium mining lease to the property. This lease was obtained and the corporation thereby acquired valid title to all ore mined from this land. This was a direct result of the Government's interest in the property.

5. The Government still considers Contract Idm-E452 to be binding on both parties from the date of its execution, notwithstanding the fact that the corporation was specifically informed not to start work under this contract until it had validated its ownership.

6. It is impossible to amend a contract which has been formally terminated without first reactivating it and putting it again into force.

7. The property as a whole was benefited by the exploration program.

We therefore request that a letter from the Washington DMEA office be addressed to Mr. Murphy Thomas demanding the royalty payments as provided for in Contract Idm-E452. A copy of your letter should be provided for Mr. Claude W. Blake as well as copies for our files.

We are enclosing copies of a letter from this office to Mr. Blake which was a direct result of knowledge obtained by a preliminary investigation of production under DMEA Contract Idm-E452 which was made in conjunction with the first royalty audit which is now in process. Copies of a letter received from the Atomic Energy Commission concerning their record of shipments from this property is also enclosed.

W. M. Traver

W. M. Traver

Enclosures

RB:ab

cc: Royalty File E452
J. F. Shaw (2)
D. T. Finch
Berk.
Chren.

Surname copy

700

Ching
Thomas
Selfridge
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Mr. W. H. Traver
Executive Officer
DMEA Field Team, Region III
22h New Customhouse Building
Denver 2, Colorado

OCT 24 1955

Re: Docket No. DMEA-2613 (Uranium)
Contract No. Idm-2452
Uranium Development Corporation
Blackfoot Claims
Montrose County, Colorado

Dear Mr. Traver:

Reference is made to your memorandum of September 23, with enclosures, in connection with the subject project.

The Associate Solicitor has reviewed the docket and has concluded that the most pertinent question at present concerns the amount of land from which production is subject to the Government's royalty under the contract. The following is an excerpt from a memorandum, dated October 19, 1955, to the Administrator from the Associate Solicitor:

> "A written contract may be reformed when there has been a mutual mistake of the parties as to a substantial fact. It seems clear that, from the Operator's viewpoint, the producing mine area was included in the contract by mistake, as no drilling was to be performed in the producing area, and in fact none was performed there. However, the Government's position as to the production in question is not evident, as the docket does not disclose that the precise question has been considered previously. Accordingly, it is recommended that the question raised here be reviewed administratively. If such review indicates that, from the Government's viewpoint, the producing area was mistakenly included in the contract, an amendment deleting such area would be appropriate."

In accordance with the foregoing, it is requested that you review the Government's position with respect to land coverage at the time the contract was being negotiated. If, at the time, the Field Team had no occasion to indicate its position with respect to inclusion or exclusion of the producing mine area by reason of the fact that the question was never brought up by the Operator, it is suggested that the Field Team now indicate what its position would have been had the question arisen.

R.C.B.

As you know, a number of DMEA contracts have been drawn or amended to exclude certain areas where existing ore bodies were known and production therefrom had been made prior to and during Government participation in the exploration projects. The present situation may warrant action of a similar nature.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

O. M. Bishop

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

MChing/gla
10-24-55
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Ching

Portin Dunger

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SOLICITOR
WASHINGTON 25, D. C.

OCT 19 1955

Memorandum

To: The Administrator, DMEA
Attention: Chief, Rare & Miscellaneous Metals Division

From: Associate Solicitor, Division of Mineral Resources

Subject: Docket No. DMEA-2618 (Uranium) Uranium Development Corporation, Contract No. Idm-2452

With a reference slip dated September 30, Mr. Ellis requested that we prepare a letter to the Operator demanding payment of royalty on production from all the land described in the contract from the date of the contract, as requested in the Executive Officer's memorandum of September 23.

We have reviewed the docket and have not prepared a letter as requested for the reasons set forth below.

The contract is dated November 24, 1952, was written on Form MP-200(A) of February 1952, and was executed by the Executive Officer, Region IV. The contract required the start of work within 60 days from contract date and the completion of the project work within 8 months from said date (July 24, 1953); but Amendment No. 1, dated July 10, 1953, extended the time for the start of work to "September 1, 1953," and extended the time for completion to "sixteen months." The work was started July 10, 1953, and completed August 12, 1953. A certification was made October 21, 1953, and, under the provisions of the contract form, royalty is due from all production from the land described in the contract from the date of the contract.

The contract recites that the Operator is the owner of the land, and that there are no encumbrances against it. However, the application stated that the

DMEA Docket

land was being acquired under a purchase contract, a photostatic copy of which was attached to the application, which provides that legal title may be acquired by the purchaser making annual payments running through December 1957.

In a letter dated October 2, 1952, the A.E.C., in response to a letter dated September 11, 1952 from the Operator (no copy of it in the docket), informed the Operator that certain mining claims listed therein (including all claims included in the exploration contract) were invalid either because of Public Land Order withdrawal or Power Site Classification under the Federal Power Act. Copies of the A.E.C. letter were received in the Washington office of DMEA on November 28, 1952, and one of the copies was transmitted to the Executive Officer with a letter dated December 11, 1952, from the Acting Chairman of the Operating Committee. In a letter dated December 18, 1952, the Executive Officer informed the Operator that he had been advised of the Operator's insufficient interest in the land and that no work should be started under the contract until the land interest had been clarified. The Executive Officer's letter stated further that the contract would be held "in abeyance for a reasonable length of time to enable you to perfect your title." In a letter dated December 23, 1952, the Operator acknowledged receipt of the Executive Officer's letter of December 18, 1952, and expressed appreciation for holding the matter "in abeyance."

In a letter dated June 10, 1953, the Executive Officer notified the Operator that the time for completing the work under the contract would expire on July 24, 1953, and suggested that if the Operator intended to perform the work under the contract an amendment of the contract was necessary in order to extend the contract time for completion of the work. "Otherwise, you will be in default under the terms of the contract, effective July 24, 1953." The Operator's letter of June 25, 1953, to the Executive Officer, requested that the necessary amendment be prepared, as it had obtained a lease (from the A.E.C.) authorizing it to proceed with the work. Accordingly, Amendment No. 1 was executed "effective as of the date of said contract."

1. The first question presented by these facts is whether the correspondence exchanged between the

Executive Officer and the Operator had the effect of changing the contract date. The Operator, in a letter dated August 25, 1955, submitted with the Executive Officer's memorandum of September 23, 1955, contends that it did. However, we believe that it is unnecessary to discuss this question at this time for the reason that is discussed below.

2. The second question involved in this matter concerns the amount of land from which production is subject to the Government's royalty under the contract.

The Operator's letter of August 25, 1955, contends that the Operator did not understand from the contract provisions that production would be subject to royalty even though it was not made from the exploration project area. The Operator points out that the production in question came from the Blackfoot Mine workings, from which production has been made since 1929, and that the DNKA drilling project bore no relationship to these workings.

There is no dispute as to the source of the production in question. The Operator's application in the docket discloses that production has been made from the land since 1951, and the Engineering report submitted to the Administrator with the Executive Officer's memo of November 28, 1952, stated that mining from the Blackfoot Claim was in progress on the date of inspection, on September 16, 1952.

A written contract may be reformed when there has been a mutual mistake of the parties as to a substantial fact. It seems clear that, from the Operator's viewpoint, the producing mine area was included in the contract by mistake, as no drilling was to be performed in the producing area, and in fact none was performed there. However, the Government's position as to the production in question is not evident, as the docket does not disclose that the precise question has been considered previously. Accordingly, it is recommended that the question raised here be reviewed administratively. If such review indicates that, from the Government's viewpoint, the producing area was mistakenly included in the contract, an amendment deleting such area would be appropriate. This is not to say

that an administrative determination that the producing area was not included in error would finally resolve the entire matter, for if such a determination were made a legal determination then would be required of the first question set forth above.

R. P. Dwyer

HCRubin/wog
Copies to: DMEA Docket
Sol. Docket
E.W. Ellis (2)
G.C. Selfridge (2)
R.P. Dwyer
H.C. Rubin.
Chron.

Docketed 9/30 end

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

REFERRED TO: DATE 9-30-55

DMEA-2618

1. ~~Actg. Asst. Sol. DMEA, Rm. 6012~~
2. E. W. Ellis, DMEA
3.
4.

RECEIVED
OCT 3 1955
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

INTERIOR DEPT.
SEP 30 1955
SOLICITOR

FOR:

- X Action
- Approval
- Comment
- Conference
- Consideration
- Filing
- Instructions
- Investigation
- Initials
- Mailing
- Previous correspondence
- Recommendation
- Record of
- Referring to
- X Reply for signature of Admr.
- Rewriting
- Signature
- Suggestions
- Your information

REMARKS: Kindly review memorandum from Mr. Traver to Operating Committee, dated September 23, 1955, together with attachments, and prepare letter to Mr. Murphy Thomas, w/cc to Mr. Claude W. Blake, as requested.

Check (X) before the items needing attention.

GPO 16—63815-1

Ernest Wm. Ellis
Initials of sender.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D.C.

RECEIVED
SEP 26 1955

September 23, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Vixen Mining District, Montrose County, Colorado

DMEA auditors have initiated their first royalty audit for DMEA Contract Idm-E452 and have determined that shipments for which considerable royalty is due the U. S. Government have not been reported. When requested to bring their royalty account current, Mr. Claude W. Blake, Attorney for the Uranium Development Corporation submitted the enclosed letter dated August 25, 1955 which explains Uranium Development Corporation's understandings of the contract provisions. We do not agree that this company has a logical and well-founded complaint as regards the effective date of Contract Idm-E452.

The enclosed documents have been carefully reviewed and the following points have a decided bearing on this matter:

1. Contract Idm-E452 was entered into by the Government on the basis of the certification that the applicant company was the owner of the property to be explored. Form MF-103 of the original application, which so certified this ownership, was duly signed by Murphy Thomas, president, and Jean Cortvriendt, secretary.

2. The Uranium Development Corporation, had the benefit of the legal opinion of Mr. Claude W. Blake, their attorney, at the time the application was submitted and were evidently convinced that they were the rightful owners of the property.

3. Contract Idm-E452 was signed by the above company officials on November 24, 1952, thereby signifying there willingness to bind the Uranium Development Corporation to all the terms of the contract, including the provisions for royalty repayment.

MF

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 9.27

REFERRED TO:

1. ~~700~~
2. ~~Mr. Ellis~~
3. Mr. ~~Ohling~~ ~~Murphy~~
4. Contract File

FOR:

- ✓ Action
- ____ Approval
- ____ Comment
- ____ Conference
- ____ Consideration
- ____ Filing
- ____ Instructions
- ____ Investigation
- ____ Initials
- ____ Mailing
- ____ Previous correspondence
- ____ Recommendation
- ____ Record of ____
- ____ Referring to ____
- ✓ Reply for signature of ~~Upson~~ Adams
- ____ Rewriting
- ____ Signature
- ____ Suggestions
- ____ Your information

Referred to Legal

REMARKS: I passed this along to Mr. Talbert to read, to see if they would prepare the letter Traver requests be sent. When he returned it, he said, "This is really a hot one" and needs reply by Legal Division, particularly because of "Conclusions" in Attorney Blake's letter pages 5 and 6. gla

Check (X) before the items needing attention.

ROBERT E. ADAMS
Initials of sender.

GPO 16—63815-1

Here again the corporation's legal representative must have given his approval to this document.

4. Proof that Uranium Development Corporation had no valid title to the property was furnished to this corporation by the U. S. Government (John F. Shaw's letter of December 18, 1952). This letter (fully quoted in Mr. Blake's letter, attached) was the direct cause of the Uranium Development Corporation's application to the Atomic Energy Commission for a uranium mining lease to the property. This lease was obtained and the corporation thereby acquired valid title to all ore mined from this land. This was a direct result of the Government's interest in the property.

5. The Government still considers Contract Idm-E452 to be binding on both parties from the date of its execution, notwithstanding the fact that the corporation was specifically informed not to start work under this contract until it had validated its ownership.

6. It is impossible to ammend a contract which has been formally terminated without first reactivating it and putting it again into force.

7. The property as a whole was benefited by the exploration program.

We therefore request that a letter from the Washington DMEA office be addressed to Mr. Murphy Thomas demanding the royalty payments as provided for in Contract Idm-E452. A copy of your letter should be provided for Mr. Claude W. Blake as well as copies for our files.

We are enclosing copies of a letter from this office to Mr. Blake which was a direct result of knowledge obtained by a preliminary investigation of production under DMEA Contract Idm-E452 which was made in conjunction with the first royalty audit which is now in process. Copies of a letter received from the Atomic Energy Commission concerning their record of shipments from this property is also enclosed.

W. M. Traver

W. M. Traver

Enclosures

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION OPERATIONS OFFICE
GRAND JUNCTION, COLORADO

August 5, 1955

IN REPLY REFER TO:
Symbol: FD:LP

E 452
Royalty file

RECEIVED
SEP 26 1955

U. S. Department of the Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Attention: Donald T. Finch, DMEA Auditor

Subject: Blackfoot Group - DMEA Contract Idm-E452

Gentlemen:

Your letter of July 18, 1955, requested production and certification information on the subject group of claims for the period 11-24-52 through 7-9-55. A review of our record for this group of claims shows that during the period November 1952 through June 1955 a total of 18,947.71 pounds of U308 had been produced. A summary of this production is listed in the following table:

Claim	Pounds U308 Produced
Blackfoot	3,417.61
Grey Fox	49.56
Red Fox	125.50
Fairy King	65.43
Rattlesnake	11,990.49
Good Hope	3,326.12
Total	18,947.71

Our records also indicate that on November 24, 1952 there were 2,796.68 pounds U308 eligible for production bonus, all of which has been paid except 34.35 pounds U308 produced from the Blackfoot claim in October 1952 by the Bradshaw Bros.

We regret that the production information listed above is complete only through June 1955, However, we have not received information from all the buying stations subsequent to that time.

Very truly yours,

Robert W. Scott, Chief
Accounting Branch
Finance Division

224 New Customhouse
Denver 2, Colorado

July 28, 1955

RECEIVED
SEP 26 1955

Mr. Claude W. Blake, Attorney
The Uranium Development Corporation
620 E. & C. Building
Denver, Colorado

Re: Royalty Payments
Uranium Development Corporation
Exploration Contract Idm-8452
Docket No. DMEA-2618

Dear Mr. Blake:

Reference is made to conference this morning at your office with Mr. Donald T. Finch, D.M.E.A. Auditor, concerning the liability of the Uranium Development Corporation for royalty payments on production of ores from the claims listed in Annex No. 1 under Article 2 of the Exploration Contract.

Mr. Finch advises me that the Uranium Development Corporation has not accounted to the Defense Minerals Exploration Administration for production subsequent to November 24, 1952 and prior to December 16, 1953. It also appears the Corporation may not have accounted for some isolated production subsequent to December 16, 1953. The production not accounted for applies to indicated production from the Blackfoot, Red Fox and Grey Fox claims, all of which are listed in the Exploration Contract.

Mr. Finch has also advised me that it is your belief that production in 1953 was not subject to royalty payments because of Amendment No. 1 to the contract. This amendment merely changed the provisions of Article 3 of the Exploration Contract. It authorized the Corporation to defer the starting of exploration work until September 1, 1953, and extended the completion date from eight months to sixteen months.

Article 6 of the Exploration Contract provides among other things that "see any minerals mined or produced from the land described in Article 2 within ten years from the date of the contract, see shall be subject to a percentage royalty." It is, therefore, requested that the Corporation submit to this office four copies of all settlement sheets for ore sales of production from the claims listed in the Exploration Contract, not previously accounted for to the Defense Minerals Exploration Administration, for the period November 24, 1952 through July 9, 1955. These settlement sheets

Royalty File E452
Berk

should be accompanied with a remittance for all royalty due, payable to Defense Minerals Exploration Administration.

Please expedite this request in order that Mr. Finch will be in a position to complete the royalty audit as soon as possible.

Very truly yours,

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

DTF:bh

cc - Roy. File
Chron.
Berk. (2)
Finch.

Adams
Selfridge
F. Johnson
Matheney

SEP 19 1955

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
Bureau of Mines
224 New Customhouse Building
Denver 2, Colorado

Dear Mr. Traver:

This will acknowledge your teletype of September 14, 1955, requesting a photostat copy of the reverse side of application form, NF-103, Docket No. 2618, filed by the Uranium Development Corporation.

In accordance with your request, there is enclosed herewith a photostat of the material requested.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2/6)

Enclosure

APPROVED:

/s/ Robert W. Gerhem (2/6)
Member, Bureau of Mines

/s/ N. E. Nelson (2/8)
Member, Geological Survey

REAdams:mm - 9/15/55

Copy to: Operating Committee
Adm. R. File
Mail & Files
Chron.

R.C.L.

Secretary, Opr. Comm., D. M. E. A.

RECEIVED
SEP 15 1955

DN 235 BUR MINES 9-14-55 4-19 PM

SECRETARY, OPERATING COMMITTEE, DMEA

DOCKET DMEA 2618 CONTRACT IDM E452, URANIUM DEVELOPMENT CORP. URGENTLY NEED COPY OF ORIGINAL FORM MF-103 SHOWING SIGNATURE BY APPLICANT. PLEASE PHOTOSTAT REVERSE SIDE OF THIS FORM AND MAIL TO US AT YOUR EARLIEST OPPORTUNITY.

W M TRAVER

SEP 15 8 16 AM '55
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D. C.

OFFICERS:
MURPHY THOMAS, Pres.
RALPH W. BERNINZONI, V. P.
JEAN CORTVRIENDT, Secy-Treas.

The Uranium Development Corporation

620 E. AND C. BUILDING • DENVER 2, COLO.

DIRECTORS:
MURPHY THOMAS
RALPH W. BERNINZONI
JEAN CORTVRIENDT
CLAUDE W. BLAKE
JOSEPH W. EBERLY

August 25, 1955.

DMEA
Date Rec'd.
AUG 30 1955
BUREAU OF MINES
Denver, Colorado

RECEIVED
SEP 26 1955

Mr. W.M. Traver
Executive Officer DMEA
Field Team, Region III
224 Customhouse
Denver, Colorado

RE: Royalty Payments
Uranium Development Corp.
Exploration Contract
Idm - E452 Docket DMEA
2618

Dear Mr. Traver :

Reference is made to your letter of July 28,1955, addressed to me as attorney for the Uranium Development Corporation, in which you expressed the belief that this corporation should pay royalty to the DMEA on the above mentioned exploration contract, from November 24,1952 to December 16,1953, because of the production of ore by the company from the claims embraced in Annex No. 1, attached to our DMEA contract between these dates.

You base your contention on the language of Article 6 of our DMEA contract,to-wit: " . . . . any minerals mined or produced from the land described in Article 2 within ten years <u>from the date of the contract</u> * * * shall be subject to a percentage royalty" Italics mine.

Your letter of July 28th mentions the fact that I expressed the belief to Mr. Donald T. Finch, DMEA auditor that the production of ore during the year 1953 was not subject to royalty payments because the contract was amended by the DMEA several months after November 24,1952, and before it became effective.

It is true that I did express this belief, but there are other factors which also lead us to the conclusion that our corporation should not be obliged to pay royalties under the contract covering the period mentioned (November 24,1952 to December 16,1953).

The reasons that lead us to this conclusion are as follows:

1. Through the efforts of our engineer, Professor Paul H. Keating of the Colorado School of Mines and myself, the contract Idm E452 was negotiated and finally signed by the necessary parties on November 24,1952. It provided that the Government would provide a total of $19,570.00, which was 90% of $21,744.45,the estimated cost of the exploration contract. The operator

(The Uranium Development Corporation) was to begin work on the project 60 days from November 24, 1952 and was to complete the project within 8 months from November 24,1952.

Subsequently, before anything further had been done and while we were waiting for a payment from the Government with which to commence the work, we received a registered letter from your office as follows:

no. Tip Price ?

"

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
Administration
Washington 25, D.C.

December 18,1952

224 New Customhouse
Denver 2, Colorado

Mr. Murphy Thomas, President
The Uranium Development Corp.
620 E. & C. Building
Denver, Colorado

Dear Mr. Thomas:

It has recently been brought to our attention that you do not have clear title to the claims on which you propose to do work under Exploration Project Contract Idm E452.

We have been informed that all of Section 2, all of Section 3, the NE¼ and the NW¼ of Section 10, and the N½ of Section 11, all in T 47 N. R.17 NMPM,Colorado were included in Power Site Classification No. 110, effective June 25,1925. Two of your claims were located in 1929, the remainder in 1940. The Power Site withdrawal constituted a withdrawal of this land from the Public Domain; therefore, any claims located in the above sections are not valid. All of sections 10 and 11 in T 47 N. R.17 W. were withdrawn through Public Land Order 698,effective February 12, 1951. This order reserved these described public lands for the use of the Atomic Energy Commission.

You should not start work under the terms of Contract Idm- E452 until such time as you have clear title to the claims involved.

We will hold your Exploration Project Contract in abeyance for a reasonable length of time to enable you to perfect your title. Please inform this office regarding your plans.

Very truly yours,

John F. Shaw for
W.H. King
Executive Officer, DMEA Field Team
Region IV. "

This letter was a stunning blow, coming 24 days after the contract had been signed. We began at once to obtain a title to the claims which we were assured would be recognized, viz. by getting a lease on the territory from the Atomic Energy Commission. This procedure required several months, but we finally obtained a lease from the AEC which was designated as Mining Lease No. AT (05-1) - OG-61, Assignment No. 1, dated retroactive to October 29, 1951. This lease was assigned to our corporation by Leo Fagan and Imogene Fagan, from whom we had purchased the claims October 29, 1951 and who had represented to us that they owned them.

Upon obtaining this assigned AEC lease, we immediately notified your office whereupon we were informed that our DMEA contract was being amended by extending the time for commencement of the exploration project to September 1, 1953, and extending the completion date from 8 months to 16 months, i.e. from July 24th, 1953 to March 24, 1954.

The DMEA project was commenced July 10, 1953 (see Report of Paul H. Keating to DMEA, dated August 1, 1953) and the project was completed August 12, 1953 (see Keatings final report to DMEA dated August 25, 1953). During the work a total of 16,107 feet of holes were drilled on those claims and portions of claims which had never been explored or mined previously.

In the meantime, while the contract was held " in abeyance" we were mining ore from old workings not included in the territory explored under our DMEA contract. This was mainly from the tunnels in the north end of the old Blackfoot Claim (as shown on the map herewith enclosed) which had been a proven Uranium producer for years past.

It is true that the contract says that "any minerals mined or produced from the land described in Article 2 within ten years from the date of this contract, including any produced before certification shall be subject to a percentage royalty". But it must easily be recognized that it was not the intention of the parties that ore produced from old proven territory, not explored as a result of the DMEA contract, but privately explored many years before, would be subject to royalty payments. Certainly such a construction of the contract was never entertained by the writer or by any other official of our corporation. And we cannot conceive that the Government in all fairness, justice and equity will so construe it. We have paid all royalties due from all production which"has resulted from the exploration work " and must continue to do so. In his report to the Uranium Development Corporation, dated November 25, 1953, Professor Keating wrote to our Board of Directors: " The loan (DMEA) is to be paid back by a maximum royalty of 5% of production of Uranium-bearing ores that have been found exclusively through this Federal loan." This statement expresses the view we all had and no thought to the contrary ever entered our minds. Obviously, we needed no exploration work on proven ground that had been operated since the year 1929 and the project did not embrace that territory, as can be seen from the attached map.

The second reason why we do not believe we should pay the royalties now demanded covering the period November 24,1952 to December 16, 1953 is because the contract was "held in abeyance" by the DMEA until July 10, 1953, when it was amended by the DMEA. This means that we had no contract from the date of Mr. King's letter of December 18,1952 until July 10, 1953. Abeyance is defined by Webster as a condition of being undetermined or in suspension. See Fenn et al v. American Rattan & Reed Mfg Co.decided by Appellate Court of Indiana, March 11, 1921, reported in 130 Northeastern Reporter at page 129. In that case the Court held that where negotiations for the sale were held in abeyance, there was no contract. This is clear from Mr. King's letter, not only because the contract was "held in abeyance" but we were admonished not to"start work until such time as you have clear title to the claims involved."

It is clear from this that, despite the fact that the contract was dated November 24, 1952, we had no enforcable contract until July 10, 1953. Therefore the actual date of the contract must be regarded as July 10, 1953 and not November 24,1952.

The records of this corporation show that between July 10,1953 and December 16, 1953, the only ore the corporation produced and sold was the following shipments to the United States Vanadium Corporation, all from the old tunnels of the Blackfoot Mining Claim:

July	27, 1953	809.08	
August	6, 1953	915.01	
August	21, 1953	1470.03	3417.61*
September	2, 1953	668.06	
"	24, 1953	286.41	
October	6, 1953	488.66	
"	22, 1953	290.29	
November	5, 1953	237.12	
T o t a l			$5,164.66

All of the above mentioned shipments were from ore produced by our contractors from the old workings of the Blackfoot Mine which was not within the territory explored under the DMEA contract. As soon as we began to operate in the territory explored under the DMEA contract, we made payments to the DMEA. These first payments began on January 28,1954, and our first remittance to the DMEA was in the sum of $32.60. Subsequent payments have been made from all claims mentioned in Annex No. 1 of the contract, from the ground explored under the contract and otherwise.

C O N C L U S I O N

It is our firm belief from the foregoing statement that The Uranium Development Corporation is neither legally nor morally obligated to pay a 5% royalty on the production and sale of ore between November 24,1952 and the date when we began to produce ore as a result of the exploration project, to-wit, January 28, 1954, for these reasons:

(1) We had no contract until July 10,1953; a "contract" which is not enforceable is not a contract.

(2) No ore was produced or sold from the territory explored under the DMEA loan until January 1954, and the royalty payments have been made continuously ever since;

(3) All of the ore that was produced and sold between July 10, 1953 and January 1954 was mined and produced from the old tunnels of the Blackfoot Mine, which was not embraced in the territory covered by the Exploration Project.

You have previously indicated to Professor Keating and to me that you have no alternative in this matter except to insist that our company pay the 5% royalty on all production from the claims mentioned in Annex No. 1 to the DMEA contract, regardless of the facts and circumstances which we have presented to you, and you also stated to us that in view of your position in the matter, you would have to refer the problem to Mr. C.O. Mittendorf, the Acting Administrator of the DMEA.

If you still feel, after reading this and the accompanying affidavit of Professor Keating, and after referring to the map hereto attached, that you cannot resolve this question im accordance with our views, it is our desire that you forward this letter with accompanying enclosures to Mr. Mittendorf in Washington and request a ruling from him as to our position and obligations in this matter.

May I add that it has always been the sincere intention of the officers of this corporation to comply conscientiously with all legal requirements, whether with the Government or otherwise. But, we are of the firm opinion that in this case we are being asked to do something which is neither fair nor just and is in violation of the spirit and intent of our contract with the DMEA, and with Section 10 of DMEA Order-1, Titled 32A -National Defense Appendix, issued by Mr. Mittendorf on March 7,1952, wherein it is stated:

> " . . . . . In the event of such certification, any minerals mined or produced from the land which is the subject of the exploration project contract within ten years from the date of the contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the operator or his successor in interest shall pay to the Government . . . . ."

Awaiting your further word, we are,

Yours very truly,

THE URANIUM DEVELOPMENT CORPORATION

By Claude W. Blake

Claude W. Blake, Attorney.

CWB-hc.
Encl-
affidavit
map.

RECEIVED
SEP 26 1956

AFFIDAVIT OF PAUL H. KEATING

STATE OF COLORADO)
) ss.
CITY & COUNTY OF DENVER)

PAUL H. KEATING, being first duly sworn upon his oath, deposes and says:

That he is a resident of the State of Colorado and a member of the faculty of the School of Mines, located at Golden, Colorado; that he was in the employ of The Uranium Development Corporation as Mining Engineer and Consultant during the years 1952,1953 and 1954, and until June 30,1955; that in said capacity he obtained a contract for The Uranium Development Corporation with the Defense Minerals Exploration Administraction for an Exploration Loan to explore certain uranium mining claims for said Corporation in Montrose County, State of Colorado;

That said contract was known as Exploration Contract Idm-E452, Docket No. DMEA-2618; That said contract was dated November 24, 1952, but was held in abeyance by the DMEA until July 10, 1953; that immediately after July 10,1953, he took charge of the exploration project contemplated by the contract and supervised the contractors and performed the drilling operations, and he made the progress reports as well as the final reports to the DMEA, the final report having been submitted on the 25th day of August, 1953;

That this affiant is familiar with the operations of The Uranium Development Corporation during the period immediately prior to November 24,1952 until June 30,1955; that during said period the Uranium Development Corporation did not produce or sell any ore from the territory explored under the DMEA contract until on or about the 28th day of January 1954, and that all of the ore produced and sold by the Uranium Development Corporation from the claims described in Annex No. 1 of the contract was produced from the old Blackfoot Tunnel workings, which were not embraced in the territory explored under the contract;

RECEIVED
SEP 26 1955

AFFIDAVIT OF PAUL H. KEATING

STATE OF COLORADO)
) ss.
CITY & COUNTY OF DENVER)

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That said contract was known as Exploration Contract Idm-E452, Docket No. DMEA-2618; That said contract was dated November 24, 1952, but was held in abeyance by the DMEA until July 10, 1953; that immediately after July 10,1953, he took charge of the exploration project contemplated by the contract and supervised the contractors and performed the drilling operations, and he made the progress reports as well as the final reports to the DMEA, the final report having been submitted on the 25th day of August, 1953;

That this affiant is familiar with the operations of The Uranium Development Corporation during the period immediately prior to November 24,1952 until June 30,1955; that during said period the Uranium Development Corporation did not produce or sell any ore from the territory explored under the DMEA contract until on or about the 28th day of January 1954, and that all of the ore produced and sold by the Uranium Development Corporation from the claims described in Annex No. 1 of the contract was produced from the old Blackfoot Tunnel workings, which were not embraced in the territory explored under the contract;

Affiant further states that said Uranium Development Corporation has paid, or caused to be paid all royalties on ore produced and sold as the result of the exploration performed under the contract.

Further affiant saith not:

Paul H. Keating
PAUL H. KEATING.

BEFORE ME Willard H. Freeman a Notary Public, in and for the City and County Of Denver, and State of Colorado, personally appeared Paul H. Keating, known to me to be the person who signed the foregoing affidavit this 26th day of August, 1955, and says the contents of said affidavit are true to the best of his knowledge.

My Commission Expires Nov 12, 1957

WILLARD H. FREEMAN
DENVER COUNTY, COLO.
My commission expires Nov. 12, 1957

Willard H. Freeman
Notary Public.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

November 10, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed is Uranium Development Corporation's check, No. 0797, in the amount of $14.15 which represents the balance of royalty due on Liquidation No. 5886.

Settlement sheet was forwarded to you November 4, 1954.

John F. Shaw
For W. H. King

mn

cc: Royalty File $452
Sec. to the Oper. Comm. (2)
Traver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 3, 1954.

Plant Manager
Vanadium Corporation of America
Durango, Colorado

Re: Royalty Payments - Docket DMEA-2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Rattlesnake Claim

Dear Sir:

Receipt is hereby acknowledged of settlement sheet for Lot No. 1 shipped by the Uranium Development Corporation and check No. 5216 in the amount of $168.42 in payment of royalty due on this shipment.

According to Section 10 of the enclosed copy of DMEA Order-1 royalty is to be paid upon the gross revenue realized from the sale of ore. In the case of uranium ore gross revenue includes Haulage and Development Allowances and also premiums paid for higher than average grades of ore. The correct royalty on Lot No. 1 is 5 per cent of the total payment or 5 per cent of $3757.01, which amounts to $187.85.

The balance of royalty due on this shipment, $19.43, will be requested directly from the Operator but in the future we would appreciate having your company calculate the royalty due as indicated above.

This office also requires four copies of all settlement sheets. Extra copies of settlement sheets pertaining to the above shipment will be made in this office. Checks should be made payable to the Treasurer of the United States instead of the Defense Minerals Exploration Administration.

Very truly yours,

W H King

W. H. King
Executive Officer
DMEA Field Team, Region IV

Enclosure

cc: Mr. Murphy Thomas, President
The Uranium Development Corp.
w/copy of DMEA Order-1

RDB:cwm
cc: Royalty File; Sec. Oper. Comm.(2); TAChristensen; WMTraver; Chron.; RDBerkenkotter.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 3, 1954.

Plant Manager
Vanadium Corporation of America
Durango, Colorado

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Very truly yours,

W H King

W. H. King
Executive Officer
DMEA Field Team, Region IV

Enclosure

cc: Mr. Murphy Thomas, President
The Uranium Development Corp.
w/copy of DMEA Order-1

RDB:cwm
cc: Royalty File; Sec. Oper. Comm.(2); TAChristensen; WMTraver; Chron.; RDBerkenkotter.

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member, Uranium Commodity Committee

DATE: February 17, 1954

Defense Minerals Administration
RECEIVED
FEB 19 1954

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: Final Field Team Report, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, contractor, Denver, Colorado; Blackfoot group of claims, east Long Park Area, Montrose County, Colorado

The Final Field Team Report on results of wagon drilling exploration by the Uranium Development Corporation on its Blackfoot claims has been reviewed, and I concur with the Field Team's conclusion that the drilling has resulted in discovery of about 3,000 tons of ore containing about 0.15 percent U_3O_8 and with their recommendation that a discovery be certified.

The ore occurs at two different stratigraphic positions in the Salt Wash member and in one stratigraphic horizon of the Brushy Basin member of the Morrison formation. The drilling resulted in the discovery of 11 mineralized areas, at least parts of which are ore grade. These are distributed as follows: Four in the lowest ore-bearing stratum; two in the middle stratum; and five in the highest stratum. The areas range from about 100 feet in diameter to about 100 by 400 feet. Mineralized rock averages about 2 feet in thickness.

Because no holes were drilled closer than 100 feet apart, and only a few samples have been collected and analysed, the estimated reserves should probably be classed as inferred until they are more fully delineated by additional work by the contractor on his own account.

Total cost of the exploration was $21,445,45, Government participation $19,570.00. Although not mentioned by the Field Team, it seems to the reviewer that the limits of mineralized ground have been adequately determined by the drilling and that further DMEA assistance would not be warranted.

Arthur P. Butler, Jr.

Copies to: E. Wm. Ellis (2)

GENERAL SERVICES ADMINISTRATION

Defense Minerals Adm.
RECEIVED
FEB 5 1954

Emergency Procurement Service
Washington 25, D. C.

February 4, 1954

In reply refer to: EDE

Mr. C. O. Mittendorf
Administrator
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
Blackfoot Group of claims
Montrose County, Colorado

Dear Mr. Mittendorf:

This will acknowledge receipt of your letter of January 14, 1954, addressed to Mr. Irving Gumbel, transmitting information on the above subject.

Thank you for this information.

Very truly yours,

Clarence A. Fredell

Clarence A. Fredell
Acting Chief, Expansion Branch
Materials Division

1/12/54 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 5, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 2618 (Uranium), Contract No. Idm-E452, The Uranium Development Corporation, Blackfoot Group of Claims, Montrose County, Colorado.

Enclosed are two copies of a memorandum to Mr. T. A. Christensen dated December 16, 1953, relative to final payment under the terms of the subject contract.

Final payment to the Operator in the amount of $499.99 has now been made in conformance with the Report of Review by the Contract Administration and Audit Division, dated October 23, 1953.

W. H. King

W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

JAN 14 1954

Surname
DOCKET COPY
Murphy
Ellis
Hedges
Thayer
Selfridge
Johnson

Mr. Irving Gumbel, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration Bldg., Rm. 5002
7th and D Streets, S. W.,
Washington 25, D. C.

Re: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-2452
Uranium Development Corporation
Blackfoot Group of claims
Montrose County, Colorado

Dear Mr. Gumbel:

This is with reference to our letter dated October 22, 1953, to you, at which time I advised that a copy of the final Field Team report on the captioned project would be forwarded as soon as it was received in Washington.

As the procedure of forwarding copies of the final Field Team report has been discontinued in favor of a brief description of the work provided for in the contract, and work and results accomplished, we are setting forth this information below:

The project contract was dated November 24, 1952, with Government participation to the extent of 90 percent in an exploration project estimated to cost $21,744.45, (Government share $19,570.00). Project work under the contract was completed on August 12, 1953. A final audit of the expenditures made during the life of the contract shows that the total amount of Government participation, or $19,570.00, was expended.

The contract authorized 16,107 feet of wagon drill holes at $1.35 per foot. The total footage allowed under the contract was completed.

The work resulted in a discovery of approximately 3,000 tons of ore averaging 0.15 to 0.18 percent U_3O_8.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

FMMurphy/gla 1/12/54
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. HDKeiser, RM. 3641
APButler, Jr., Rm. 3212, GSA

Mr. Ellis
Mr. Murphy
DMEA Field Team, Region IV (2)
Mr Chambers
Frank E. Johnson

A.C.G. 1-14-54

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

224 New Customhouse
Denver 2, Colorado

December 17, 1953

Memorandum

To: Secretary, Operating Committee, DMEA

From: DMEA Field Team, Region IV

Subject: Docket No. DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation, Blackfoot Claims, Montrose County, Utah

Enclosed are the following final reports pertaining to work under the subject contract:

1. Original and three copies of the final geologic report by the U. S. Geological Survey

2. Original and three copies of the final engineering report by the Bureau of Mines

The Operator's final report was attached to his final Form MF-104 for the month of August 1953, which was processed in this office October 1, 1953 for partial payment to the Operator.

The exploration work consisted of drilling 16,107 feet of wagon-drill holes at a total accepted cost of $21,744.45, in which the Government participated to an extent of 90 percent or in the amount of $19,570.00.

The exploration work resulted in a discovery of uranium ore for which a Certification of Discovery or Development was issued October 21, 1953.

W. H. King
W. H. King

E. N. Hardman
for A. H. Koschmann

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
1-6-54
(date)

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

December 11, 1953

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 2618, Uranium Development Corporation, Montrose County, Colorado

Attached are 11 copies of the final geologic report by D. R. MacLaren covering DMEA Docket 2618, Uranium Development Corporation, Montrose County, Colorado.

The Uranium Development Corporation with DMEA assistance has wagon-drilled 203 holes for a total of 16,107 feet at a total cost of $21,744.45. Because of insufficient assays and data, it is not possible to estimate the tonnage and grade of discovered ore with any degree of accuracy. However, it is estimated that at least 3,000 tons of ore carrying about 0.15% U_3O_8 will be blocked out by development work by the applicant, and MacLaren therefore recommends that a certificate of discovery be issued.

I concur in this recommendation.

A. H. Koschmann

A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (11)

Reviewed by
DMEA OPERATING COMMITTEE
1-6-54
(date)

URANIUM DEVELOPMENT CORPORATION

MONTROSE, COLORADO

DMEA DOCKET 2618

Final Geologic Report

By D. R. MacLaren
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
1-6-54
(date)

URANIUM DEVELOPMENT CORPORATION
MONTROSE COUNTY, COLORADO

INTRODUCTION

The Uranium Development Corporation, of Denver, Colorado, with Defense Minerals Exploration Administration assistance, has wagon drilled 203 holes totalling 16,107 feet on the Corporation's claims in the Vixen Mining District, Montrose County, Colorado. The drilling was started July 10, 1953, and was completed August 12, 1953, at a total cost of $21,744.45, of which the Government's share was $19,570.00.

As a result of probing all holes with a Babbel counter, 48 loci of radioactivity, indicated by the operator as being from a "trace" to a "trace-3-plus" in intensity, were found. Twenty additional loci were found by samples of cuttings taken from 10 holes at the time of drilling. Because of insufficient chemical assays, it is not possible to estimate the tonnage and grade of discovered reserves with any degree of accuracy. However it is probable that at least 3,000 tons of ore that will assay about .15% U_3O_8 will be blocked out by future offset drilling by the applicant. Therefore it is recommended that a certificate of discovery be issued.

GEOLOGY

The geologic setting of the claims is given in the original report for DMEA Docket 2618. The drilling indicates that there are three stratigraphic zones in which ore bodies or potential ore bodies exist. Two zones, the Blackfoot and the lower Red Fox are in the Salt Wash member of the Morrison formation, while the third zone, the upper Red Fox, is in the Brushy Basin member of the Morrison. Drillers' logs

indicate that the ore zones are in white to light-blue sandstone and in brown sandstone, the potential ore loci being slightly more numerous in the former.

According to the engineer in charge of the exploration, only those drill cuttings that "looked good" were saved for sampling and assaying. After the drilling was completed the operator probed each hole with a Babble counter and in his final report indicated the relative intensity of the radioactivity by the terms "trace," "trace-one-plus," "trace-two-plus," and "trace-three-plus." No Babbel counter recordings are given for those zones that were sampled and assayed, so it is impossible to evaluate the one-, two-, and three-pluses in terms of probable percent U_3O_8. For the purpose of estimating the location and size of areas in which the applicant might block out ore by future offset drilling, no assays less than 0.10% U_3O_8 and no Babbel counter recordings less than "two-plus" have been considered. The location of the favorable areas and the holes upon which they are based are shown in figure 3. The average thickness of the indicated ore zones is 2 feet. Assuming that ore will be blocked out in only 15% of the indicated area, it is probable that at least 3,000 tons have been discovered. Although it is likewise impossible to arrive at an accurate estimate of the grade of the ore, it appears reasonable to expect that the grade will be about .15% U_3O_8.

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that not less than 3,000 tons of ore having a grade of about .15% U_3O_8 has been discovered by this project. It is therefore recommended that a certificate of discovery be issued.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

Region IV

Mining Division
Date Rec'd
OCT 2 - 1953
BUREAU OF MINES
Denver, Colorado

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 1, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation (Blackfoot claims), Montrose County, Colorado - Final engineering project report

Transmitted herewith are the original and ten copies of the above report by R. R. McLellan.

McLellan concludes that at least three small ore deposits have been discovered as a result of 16,107 feet of exploratory wagon drilling at a total cost of $21,744.45 in which the Government participated to the amount of $19,570.00. The three deposits at different localities, shown on accompanying map, are estimated to contain reserves of 1,000 tons of 0.18 percent U_3O_8, 1,200 tons of 0.15 percent U_3O_8 and 800 tons of 0.15 percent U_3O_8, respectively. Additional closer spaced drilling prior to underground development might prove additional reserves, but at least one of the deposits only 15 to 20 feet below surface could be mined immediately. He recommends certification of discovery and considers further Government assistance in exploration development unwarranted.

I concur with his conclusions and recommendations.

W. M. Traver

W. M. Traver

enclosures

cc 10
E452
DMEA Chron.

WMT/pam

Reviewed by
DMEA OPERATING COMMITTEE
1-6-54
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

FINAL ENGINEERING REPORT

DMEA 2618, Exploration Project Contract Idm-E452

Uranium Development Corporation

Blackfoot Claims

Montrose County, Colo.

Uranium

R. R. McLellan, Mining Engineer
Bureau of Mines

September 22, 1953

Reviewed by
DMEA OPERATING COMMITTEE
1-6-54
(date)

DMEA 2618
Contract Idm-E452

URANIUM DEVELOPMENT CORPORATION
BLACKFOOT CLAIMS
MONTROSE COUNTY, COLO.

CONTENTS

Final Engineering Report	Page
Summary and introduction	1
Location and ownership	1
History and production	2
Description of deposit	2
Work completed under contract	3
Description of discovery	3
Expenditures	7
Conclusions	7
Recommendations	8

ILLUSTRATIONS

Figure		Follows Page
1.	Location map, Uranium Development Corp., Montrose County, Colo.	1
2.	Wagon drilling completed, Uranium Development Corporation, Montrose County, Colorado	3

DMEA 2618
Contract Idm-E452

URANIUM DEVELOPMENT CORPORATION
BLACKFOOT CLAIMS
MONTROSE COUNTY, COLO.

FINAL ENGINEERING REPORT

By

R. R. McLellan

SUMMARY AND INTRODUCTION

The Uranium Development Corporation, of Denver, Colo., received assistance from the Defense Minerals Exploration Administration to wagon drill a total of 16,107 feet of holes on the Blackfoot group of claims, Vixen Mining District, Montrose County, Colo. The drilling commenced on July 10, 1953, and was completed on August 12, 1953, for a total cost of $21,744.45--Government participation 90 percent or $19,570.00. Three small ore deposits definitely are believed to have been located, and several large areas in which mineralization was encountered may contain additional ore bodies. Although much mineralization was encountered, the ore-bearing zone seldom exceeds 2 feet in thickness, a fact which undoubtedly will discourage development except in the most favorable areas.

Sufficient ore is indicated by the drilling to recommend a certification of discovery.

LOCATION AND OWNERSHIP

The Blackfoot group of claims is in the Vixen Mining District, Montrose County, Colo. (fig. 1). The group is accessible by 2.5 miles of dirt road that turns west from Colorado State Highway 141 about 2.5 miles south of Uravan, Colo.

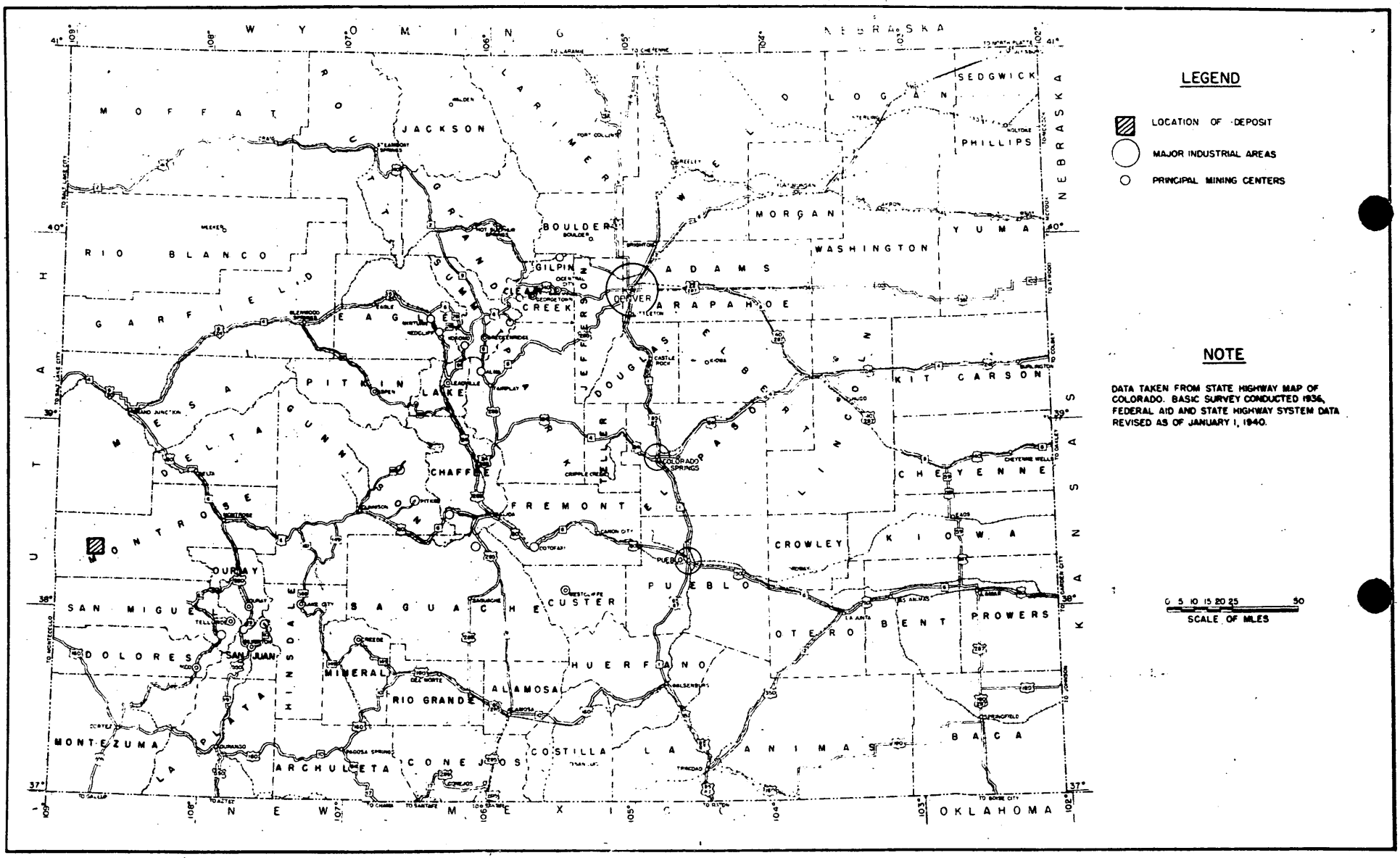

FIGURE 1. - LOCATION MAP, URANIUM DEVELOPMENT CORP., MONTROSE COUNTY, COLO. (DMEA 2515)

The following unpatented claims upon which drilling was done are owned by the Uranium Development Corporation:

Gray Fox	Red Fox
Rattlesnake	Rim Rock Queen
Big Basin No. 2	Blackfoot
Fairy King	Good Hope

HISTORY AND PRODUCTION

The early history and production from the area is unknown; however, all or most of the early production undoubtedly came from the Blackfoot mine. From November 1951 to May 1952, the property produced 258.43 tons of sorted ore that contained an average of 0.44 percent U_3O_8 and 1.63 percent V_2O_5. Production figures since May 1952 are not available.

DESCRIPTION OF DEPOSIT

On this property, uranium and vanadium mineralization occurs in the Morrison formation in three known horizons all of which were explored during the drilling project. Most of the production has come from the lower or Blackfoot rim; however, the drilling encountered ore deposits in the upper and lower Red Fox rims above the Blackfoot rim.

Uranium mineralization appears to be widespread in all horizons; however, the grade and thickness with few exceptions are low. Offset drilling around the more favorable holes undoubtedly will disclose additional high-grade ore in the upper horizons. Development of the upper horizons probably will reveal deposits similar to that encountered in the Blackfoot mine. The Blackfoot deposit is unusually flat and extensive but seldom exceeds 3 feet in thickness, probably averaging more nearly 2 feet, and contains isolated rolls and logs of high-grade ore.

The newly discovered deposits average 2.2 feet in thickness according to the drill hole data. Since no two holes are closer than 100 feet apart, considerable additional information will be obtained as to the thickness and extent of the deposits when and if development drilling is undertaken by the company.

The Blackfoot mine presently operating consists of approximately 1,000 feet of drifts and crosscuts with a few development and exploratory drill holes around the workings. A small amount of drift and open-cut mining is being done along the upper rims.

WORK COMPLETED UNDER CONTRACT

A total of 16,107 feet of wagon drill holes were completed between July 10, 1953, and August 12, 1953. Three wagon drills were operating simultaneously during most of the program. Drilling was accomplished on a grid pattern with hole centers of 100 and 150 feet. Drill sites were cleared where necessary and all hole locations were marked with stakes bearing the hole coordinates. Out of 235 holes spotted, 203 holes were completed (fig. 2). The remaining holes were eliminated for topographic reasons and due to a lack of footage caused by originally underestimating the average depth of the holes.

Each hole was logged with a Babble Counter probe. All cuttings that indicated mineralization were assayed and splits were submitted to the Government.

DESCRIPTION OF DISCOVERY

The applicant reports that 50 holes were found to be mineralized of which 14 holes showed commercial grade ore and two contained high-grade ore. It will be difficult to verify that all the holes

reported to contain ore actually do since only the degree of radioactivity was reported for most of the holes rather than a conversion to percent of U_3O_8 from the probing results.

One hole at coordinates 5400 N. and 2500 E. encountered 3.0 percent U_3O_8 from 21.5 feet to 22.5 feet. An "ore hole" is shown 100 feet to the south and a trace is indicated in the hole 100 feet north of the high-grade hole (fig. 2). Assuming that the holes are connected by more or less continuous mineralization, it is estimated by the writer that about 1,000 tons of ore averaging 0.18 percent U_3O_8 might exist in a block of ground 40 feet by 175 feet around the two ore holes.

Two feet of 1.0 percent ore are indicated in a hole at coordinates 6100 N. and 3250 E., and 2 feet of 0.1 percent U_3O_8 is in each of the adjoining holes 100 feet to the north and 120 feet to the southeast. It is estimated by the writer that about 1,200 tons of ore averaging 0.15 percent U_3O_8 may exist in a block of ground 40 feet by 210 feet within the area bounded by the mineralized holes.

An assay of 0.50 percent U_3O_8 is reported in a hole at coordinates 5600 N., 3150 E. but no thickness is given. This hole apparently, as with the previously described hole, was unintentionally marked on the maps as containing only a trace of mineralization. The hole appears to be at the intersection of two pronounced trends of mineralization, one extending due east and west from the hole and the second extending northeasterly and southwesterly from the hole. The map shows six additional ore holes in the area; however, due to the lack of assay information, the writer hesitates to estimate a reserve extending beyond the immediate vicinity of the hole containing 0.5 percent U_3O_8. It is therefore

estimated that about 800 tons of ore averaging 0.15 percent U_3O_8 may exist in the vicinity of this hole.

No attempt will be made to establish reserves for the remaining areas in which ore holes are reported, as chemical or radiometric assays are not available. It is believed by the writer that many of the "ore holes" shown on the operator's map did not encounter sufficient high-grade material actually to be classified as ore. The resident engineer informed the writer that mineralization usually was so weak that a color change was seldom observed in the cuttings, and that the zones usually were located by probing the holes. In addition, nearly all the assays for "ore holes" are recorded in the drilling summary as being strong traces rather than positive occurrences with definite assay values. Nevertheless, large areas of mineralized and potential ore-bearing ground have been located by the drilling. Offset drilling around the more favorable holes undoubtedly will disclose limited tonnages of fairly high-grade ore and a considerable reserve of low-grade ore. The fact that the mineralized areas average only 2.2 feet in thickness will discourage development of anything but the most favorable areas.

The operator has not submitted an estimate of ore reserves with his monthly or final reports. He indicates that the company will conduct a development drilling program on the basis of information obtained from the exploration drilling.

Following are the holes recorded by the operator as containing uranium mineralization:

Hole Coordinates North	East	Depth in feet	U_3O_8 Assay	Claim
5100	2000	85	Tr, 36'-37'	Fairy King
4900	2250	85	Tr, 27'-29'	Fairy King
5000	2250	41	Tr, 37'	Fairy King
5300	2250	95	Tr, 9' -10'	Fairy King
4800	2350	85	Tr+, 23'-25'	Fairy King
5000	2350	91	Tr+, 34'-35'	Fairy King
4900	2400	85	Tr+, 40-42'	Fairy King
4900	2500	87	Tr, 16'-17', 34'-35'	Fairy King
5300	2500	96	Tr++, 16'-17.5'	Fairy King
5400	2500	101	3 percent, 21.5'-22.5'	Fairy King
5500	2500	98	Tr, 50'-51'	Fairy King
5500	2600	107	Tr, 100'-101'	Fairy King
5000	2650	59	Tr, 33'-36'	Fairy King
5600	2650	118	Tr++, 53'-57'	Fairy King
5100	2750	66	Tr+, 34'	Fairy King
5300	2750	84	Tr+, 25'-27', 70'-72'	Fairy King
5500	2750	108	Tr, 55'-56'	Fairy King
5600	2750	95	Tr++, 60-62.5'	Fairy King
5600	2850	108	Tr+, 73'-75', Tr++ 101'-103'	Fairy King
5300	2900	68	Tr+, 13'-14'	Fairy King
5500	2900	67	Tr+++, 45'-52'	Fairy King
5100	3000	71	Tr+, 54'-56'	Big Basin No. 2
5400	3000	104	Tr++, 17'-20'	Fairy King
5500	3000	62	Tr+++, 20'-23'	Fairy King
5600	3000	63	Tr+++, 50'-53'	Fairy King
6100	3000	103	Tr+, 93'	Good Hope
5100	3100	76	Tr, 40'-41'	Big Basin No. 2
5700	3100	87	Tr+, 53.5'-54'	Red Fox
6500	3100	71	Tr+, 53'-54'	Good Hope
5600	3150	40	0.5 percent, 25'	Rattlesnake
5800	3150	89	Tr, 85'	Rattlesnake
6200	3150	77	Tr+, 32'-32.5'	Rattlesnake
6400	3150	72	Tr, 42'-43'	Rattlesnake
5500	3250	70	Tr, 62'-63.5'	Red Fox
5700	3250	55	Tr+, 18'-21'	Rattlesnake
5700	3250	55	Tr++, 38'	Rattlesnake
6100	3250	86	1 percent, 40'-42'	Rattlesnake
6200	3250	80	Tr, 34'-36'	Rattlesnake
6200	3250	80	0.10, 31'-33'	Rattlesnake
5600	3350	88	Tr+++, 28'-30'	Rattlesnake
5800	3350	71	Tr+++, 25'-28'	Rattlesnake

Hole Coordinates North	Hole Coordinates East	Depth in feet	U_3O_8 Assay	Claim
6000	3350	93	0.10 percent, 40'-42'	Rattlesnake
6500	3400	85	0.04 percent, 52'-58'	Rattlesnake
6500	3400	85	0.05 percent, 58'-59'	Rattlesnake
5600	3500	69	Tr +++, 13'-14'	Rattlesnake
5600	3500	69	Tr, 28'	Rattlesnake
5900	3600	80	Tr +++, 27'-35'	Rattlesnake
5000	3750	83	Tr, 68'-70'	Big Basin No. 2
5100	3750	79	Tr, 72'-79'	Big Basin No. 2
6200	3750	70	.02 percent, 58'-61'	Rattlesnake
6400	3750	61	.05 percent, 43.6'-46.5'	Rattlesnake
6400	3850	48	.02 percent, 23.2'-25.7'	Blackfoot
5100	3900	91	Tr .01 percent, 68'-81'	Big Basin No. 2
5800	4250	63	Tr, 24'-25'	Gray Fox

EXPENDITURES

Contract Idm-E452 authorized 16,107 feet of wagon drilling at a total estimated cost of $21,744.45--Government participation 90 percent, or $19,570.00. The footage was completed for the authorized cost.

No production has resulted from deposits discovered under the exploration program. The production from existing workings during the exploration and since completion of the exploration is unknown at this date.

Since the work was authorized on a short-form contract, the Government has no equity in equipment or supplies.

CONCLUSIONS

It is concluded that at least three ore deposits were encountered as a result of the exploration project. The drilling indicates that uranium mineralization is fairly extensive throughout

the upper and lower Red Fox horizons. The mineralization appears to be confined to a zone in each horizon that averages about 2 feet in thickness. In general, the grade of mineralization appears to be low; however, isolated spots contain high-grade material. Additional drilling on closer centers should be undertaken to explore and develop the more favorable areas before underground development is attempted. Closer-spaced drilling undoubtedly will encounter additional higher-grade ore.

With the exception of obtaining sufficient assay information, the program apparently was well directed and was completed quickly and efficiently.

RECOMMENDATIONS

Since the grid pattern followed by the wagon drilling places holes on centers of 100 and 150 feet, it is obvious that considerable offset or close-spaced drilling should be done in the favorable areas. This pattern has provided the company with sufficient information concerning the favorable areas to allow them to conduct further drilling at their own expense.

A discovery should be certified, and since small mining operations are in progress on some of the claims, the Government will be entitled to royalties from production, although such production, at least temporarily, will not be as a result of the exploration program.

With no information from offset drilling, it is assumed that production is economically feasible at this date from one of the three indicated ore deposits. This particular deposit encountered by a hole

at coordinates 5400 N. and 2500 E is in the upper Red Fox horizon and is only 15 to 20 feet beneath the ground surface. The hole indicated the presence of 1 foot of material containing 3 percent U_3O_8.

The operator has submitted all necessary monthly reports, hole logs, sample splits, maps, and considers his last progress report the final report. It is therefore recommended that the contract be closed pending final audit.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 16, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 2618 (Uranium), Contract No. Idm-E452, The Uranium Development Corporation, Blackfoot Group of Claims, Montrose County, Colorado - FINAL PAYMENT

Reference is made to our memorandum of October 1, 1953 whereby we transmitted the final Form MF-104, Operator's Monthly Progress Report and Voucher for the month of August 1953, and instructed you to withhold the amount of $500.00 from reimbursement to the Operator pending receipt of the Operator's final report and a release of the Report of Review by the Contract Administration and Audit Division.

We now recommend that final payment to the Operator be made in conformance with the Report of Review by the Contract Administration and Audit Division, dated October 23, 1953, which was released to this office December 15, 1953.

Basis for Final Payment

Total accepted cost	$21,744.45
Government participation at 90%	19,570.00
Total prior payments	19,070.01
Balance due the Operator	$499.99

W H King
W. H. King

499.99

JWT:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.
JWTownsend

12/18/53 Dbm 54-63

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DOCKET COPY

NOV 3 1953

Dr. Murphy Sharon, President
The Uranium Development Corporation
633 E and C Building
Denver, Colorado

Re: Docket No. [illegible] (Uranium)
Contract No. [illegible]
Uncontested group of claims
Dolores County, Colorado

Dear Dr. Sharon:

Reference is made to your above-named Exploration Project Contract for uranium. You are probably aware that in some similar cases it has been found that some part or all of the land which is the subject of the exploration project contract consists of claims located on land which was subject to prior Federal oil and gas leases. The validity of such claims is doubtful, and in some cases the Atomic Energy Commission has issued a lease to the land for whatever benefit that may afford in curing the invalidity as far as uranium is concerned.

By the recent act of Congress approved August 12, 1953 (Public Law 250, 83d Cong.), mining claims located between July 31, 1939, and January 1, 1953, on United States Lands which were then subject to oil and gas leases, may be validated by the owners of such claims, if, not later than December 10, 1953, they

> ".... post on such claim in the manner required for posting notice of location of mining claims and file for record in the office where the notice or certificate of location of such claim is of record an amended notice of location of such claim, stating that such notice is filed pursuant to the provisions of this Act and for the purpose of obtaining the benefits thereof."

If any of the land which is the subject of your Exploration Project Contract includes a located claim or claims, the validity of which might be questioned on account of a previous oil and gas lease, the statute cited is called to your attention so that you may validate your rights as above indicated, if you consider this to be in your interest. This Agency deems such validation to be desirable even though the land in question may be covered by a lease from the Atomic Energy Commission.

Sincerely yours,

C. A. Mittendorf

Administrator

50811

M Murphy/db
10-30-53
cc to: Docket file
Region IV (2)
Division Contract file

OFFICERS:
MURPHY THOMAS, Pres.
RALPH W. BERNINZONI, V. P.
JEAN CORTVRIENDT, Secy-Treas.

The Uranium Development Corporation

620 E. AND C. BUILDING • DENVER 2, COLO.

DIRECTORS:
MURPHY THOMAS
RALPH W. BERNINZONI
JEAN CORTVRIENDT
CLAUDE W. BLAKE
JOSEPH W. EBERLY

October 28, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 30 1953

Mr. Frank E. Johnson, Acting Administrator
U. S. Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

RE: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-E452
Blackfoot group of claims
Montrose County, Colorado

Dear Mr. Johnson:

This acknowledges receipt of your letter of October 22nd addressed to Mr. Murphy Thomas, President of The Uranium Development Corporation, 620 E and C Building, Denver, Colorado. To your letter is attached a Certification by the United States of America of a Discovery or Development Under An Exploration Project Contract. We are pleased to receive both your letter and the certification.

This company is proceeding with all due speed to get the ore out of the ground which has been certified by the DMEA. We have let three contracts to three different groups of miners, and they appear to be anxious to show results. You may rest assured that this corporation will comply with all instructions and obligations to which we are committed.

Very truly yours,

THE URANIUM DEVELOPMENT CORP.

By: Claude W. Blake

Claude W. Blake, Attorney

CWB:mk

FILE COPY
SURNAME:

Murphy
Ellis
Chambers
Johnson
Jackson
Chapman
Farrar
Hedges
Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Mr. Murphy Thomas, President
The Uranium Development Corporation
620 B and C Building
Denver, Colorado

October 1953

Re: Docket No. [illegible]-2618 (Uranium)
Contract No. [illegible]-1152
Blackfoot group of claims
Montrose County, Colorado

Dear Mr. Thomas:

Enclosed is a "Certification by the United States of America of a Discovery or Development Under an Exploration Project Contract." This certification covers all the land described in Article 2 of the above described contract.

By the terms of the Exploration Project Contract, as amended, and of the certification, all uranium and other valuable minerals produced from the claims described in Article 2 of the contract, from November 24, 1952, the date of the contract, are subject to the Government's percentage royalty as set forth in the contract until the sum which has been advanced as its participating interest is repaid, or until November 24, 1962, whichever occurs first.

Payments should be made to Mr. [illegible] King, Executive Officer, [illegible] Field Team, Region IV, 22[illegible] New Customhouse Building, Denver 2, Colorado. Checks should be payable to the Treasurer of the United States. The purchaser should be advised to deduct the royalties from the amount due on each shipment and forward the check directly to the Executive Officer. Any bonus payments or allowances received by you from the sale of ore are considered to be a part of the purchase price to which the Government's royalty applies. Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets, showing quantity and grade of the products sold, the name of the purchaser, and the price and charges, certified to be correct by the purchaser.

You are requested to notify Mr. King of any changes in ownership or production rights that might have any effect on the Government's right to its percentage royalty. Also, if production ceases at any time for an extended period, please notify Mr. King at six-month intervals that no production has been made, when that is the case.

Sincerely yours,

Frank E. Johnson (fw) MEH 10-22-53

ACTING Administrator

Enclosure 1

Mr. Chambers, Rm. 4542
Mr. F. E. Johnson, Rm. 4624
Mr. Ellis
Mr. Murphy

Docket
Field Team, Region IV (2)
Mr. Hedges, Rm. 4606
Mr. Thayer, Rm. 5216, GSA

FMMurphy/gla/db
10-19-53
cc to: Adm. Reading File
Opr. Committee

FILE COPY
SURNAME:

Murphy
Olz
Burton
Deane
Chandler
Zavatski
Hedges
Selfridge

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

OCT 22 1953

Mr. Irving Umbel, Director
Materials Division
Emergency Procurement Service
General Services Administration Building, Rm. 5002
7th and D Streets, S. W.
Washington 25, D. C.

Re: Docket No. DMA-2618 (Uranium)
Contract No. Dem-152
Uranium Development Corporation
Blackfoot group of claims
Montrose County, Colorado

Dear Mr. Umbel:

Enclosed is a copy of a certification of discovery or development of the captioned project. The Field Team's final report is not yet available. A copy of the report will be forwarded to you as soon as it is received in Washington, together with a brief summary of the work accomplished as a result of the exploration aid provided under this contract.

Sincerely yours,

Frank E. Johnson (fw)

ACTING Administrator

MDL 10/22/53

Enclosure

FMMurphy/gla/db
10-19-53
cc to: Adm. Reading File
Operating Committee
Mr. Hedges, Rm. 4604
Mr. Thayer, Rm. 5216, GSA
Contract Adm & Audit Division
Mails & Files Docket
Rare & Misc. Metals Division
Mr. F. E. Johnson
Field Team, Region IV (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

October 7, 1953

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Certification of Discovery, Docket No. DMEA 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation, Montrose County, Colorado

Enclosed are two copies of a memorandum recommending a Certification of Discovery, and two copies of Form B, "Certification by the United States of America of a Discovery or Development under an Exploration Project Contract."

W. H. King
W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 2, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation (Blackfoot claims), Montrose County, Colorado - Certification of Discovery

Enclosed are the original and eight copies of W. L. Dare's memorandum covering certification of discovery on the Blackfoot group of claims of the Uranium Development Corporation in Montrose County, Colorado.

Wide-spaced wagon drilling resulted in the discovery of three separate ore bodies aggregating an estimated 3,000 tons of ore reserves, averaging from 0.15 percent U_3O_8 to 0.18 percent U_3O_8. The engineer considers it likely that additional closer-spaced drilling would develop more reserves with probably higher grade. He considers one of the bodies, which is only 15 or 20 feet below surface, could and probably will be mined immediately.

Certification of Discovery is recommended and three copies of form "B" with suggested description of the discovery are attached for your approval and submission to the Administrator.

W. M. Traver

W. M. Traver

Enclosures

cc: 8
E452
DMEA Chron

WMT/cb

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 2, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: W. L. Dare

Subject: DMEA 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation (Blackfoot claims), Montrose County, Colorado - Certification of Discovery

Exploratory wagon drilling under Contract Idm-E452 has resulted in a significant ore discovery. The exploration program was initiated on July 10, 1953, and completed on August 12, 1953. The drilling was accomplished on the Blackfoot group of claims, Vixen Mining District, Montrose County, Colorado. The Blackfoot group, owned by Uranium Development Corporation, Denver, Colorado, consists of the following nine unpatented claims: Grey Fox, Rattlesnake, Big Basin No. 1 and No. 2, Fairy King, Red Fox, Rim Rock Queen, Blackfoot, and Good Hope.

Under the provisions of the short-form type contract, 16,107 feet of wagon drilling was completed at an agreed unit cost of $1.35 per foot. Total project costs, authorized by the contract and approved by the inspecting engineer, amounted to $21,744.45; Government participation, $19,570.00. The total footage was completed in 203 of the 235 holes spotted on an approved predetermined 100-150 foot grid pattern.

On this property, uranium-vanadium mineralization occurs in the Morrison formation in three known horizons, all of which were explored by the drilling. Most of past production has come from the lower or Blackfoot rim; however, the drilling encountered ore in the upper and lower Red Fox rims above the Blackfoot rim. Although uranium mineralization appears to be wide-spread in all horizons, the grade and thickness, with few exceptions, are low.

Three separate, small, tabular deposits averaging 2.2 feet in thickness were discovered. Referring to the coordinate system used by the operator, an estimated 1,000 tons, containing 0.18 percent U_3O_8, were encountered in the vicinity of coordinates 5400N and 2500E in a block of ground approximately 40 feet by 175 feet. In the vicinity of coordinates 6100N and 3250E, drilling results indicate an estimated 1,200 tons averaging 0.15 percent U_3O_8 in a block of ground roughly 40 feet by 210 feet. Mineralization encountered in the area of the ore hole at coordinates 5600N and 3150E indicate an estimated 800 tons, averaging 0.15 percent U_3O_8. As all holes completed were drilled on a 100-150-foot grid pattern, it is believed that company-financed offset holes undoubtedly will disclose additional limited tonnages of fairly high-grade ore and a considerable reserve of low-grade ore.

No production has resulted to date from deposits discovered under the exploration program. However, small operations have been conducted on some of the claims during the period that the exploration contrac has been in effect, resulting in an unknown tonnage from which the Government is entitled to royalties.

Because a significant discovery has been made as a result of the exploration project, a Certification of Discovery is recommended.

W. L. Dare
Mining Engineer

cc: 8
E452
DMEA Chron.

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

FORM B

To: 1/ Uranium Development Corporation - A Colorado Corporation
620 E and C Building, Denver, Colorado

Pursuant to the provisions of Exploration Project Contract No. Idm 8452, dated November 24, 1952, (Docket No. DMEA 2618), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made, has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows:

Uranium-vanadium ores within the three known ore-bearing horizons of the Morrison formation. Mineralization, for the most part, is widespread but low grade. Three small ore deposits were discovered and additional offset holes should prove additional tonnages of high-grade ore and a considerable reserve of low-grade ore, on the Blackfoot group of claims.

Dated: _____

THE UNITED STATES OF AMERICA

By _____
Administrator, Defense Minerals
Exploration Administration

1/ Insert full name of operator as it appears in the Exploration Project Contract

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 12 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

October 7, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 2618, Contract Idm-E452 (Uranium), The Uranium Development Corporation (Blackfoot group of claims), Montrose County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of August 1953, pertaining to DMEA Docket 2618, Contract Idm-E452, (Uranium), The Uranium Development Corporation (Blackfoot group of claims), Montrose County, Colorado.

W. H. King

W. H. King

Enclosures

Op's Final Report

See F.T. Memo of 12-17-53

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 12 1953

Administrative Audit Difference Statement

Date: October 5, 1953
Payee's
Reference: Progress
Report - August, 1953

The Uranium Development Corporation
620 E & C Building
Denver, Colorado
I-DMA-E-452

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $9,954.90

Difference $

Amount Approved $8,959.41
*-500.00

The reason for the difference was due to:
$8,459.41

$500.00 withheld from amount due pending release of the final "Report of Review".

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

N. E. Stokes
Audit Section

R-IV-B & F Form No. 4
4-15-52 D

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Custemhouse
Denver 2, Colorado

October 1, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2618, Contract Idm-M452 (Uranium), The Uranium Development Corporation (Blackfoot group of claims), Montrose County, Colorado. Operator's Monthly Progress Report for the period August 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

A sum of $500.00 is to be withheld from the payment due the Operator pending release of the final Report of Review by the Contract Administration and Audit Division.

Remarks:

Date of Report	August 28, 1953.
Date Received in Field Office	August 31, 1953.
Date Received in Region Office	September 24, 1953.

Delay in Field Office due to inspecting engineer being engaged in completion of high priority reports on uranium applications.

W H King
W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 23, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2618, Contract Idm-E452 (Uranium), The Uranium Development Corporation, (Blackfoot group of claims), Montrose County, Colorado -- Progress report for August 1953

Enclosed are the original and four copies of the subject progress report, the second and final one--forms MF-104 and MF-104A, with narrative, progress map of the wagon drilling to complete the contract--and the original and six copies of Russell R. McLellan's memorandum covering inspection of operations. The contract is unit-cost, short-form, and requires no documentation.

McLellan confirms the wagon drilling footage of 7,374 feet completed to finish the contract allowance of 16,107 feet reported in the narrative, and finds entries and extensions on the reporting forms correct. The work and results are adequately described in his memorandum.

Payment is recommended and certified on the MF-104 form of $8,959.41 or 90 percent of the total $9,954.90 claimed by the contractor.

I have the engineering final report for review, a certification can be made, and if the operator's progress report for August is acceptable as a final report, the contract can be closed when the Geological Survey report is received.

see left-hand side of file

This progress report was received August 31, 1953, and the delay in its submission results from the fact that the inspecting engineer was involved in the completion of urgently needed engineering reports on uranium applications.

F. V. Everett, for
W. M. Traver

enclosures
WMT/kp
cc 4
E452
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 22, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: Russell P. McLellan

Subject: DMSA 2618, Contract Idm-2452 (Uranium), The Uranium Development Corporation, (Blackfoot group of claims), Montrose County, Colorado -- Progress report for August 1953

The Blackfoot claims were inspected on August 19, 1953, by the writer in company with P. W. Peter, the resident engineer. The remaining 7,374 feet of wagon drilling authorized by the contract was completed by August 10, 1953.

During August 1953, 94 holes were completed of which 36 holes encountered mineralization. Following is a tabulation of these 36 holes:

Coordinates		Sample Depth (Feet)		
NORTH	EAST	From	To	Percent U_3O_8
5100	2000	36	37	Trace
4900	2250	27	29	"
5000	2250	37	--	"
4800	2350	23	25	" +
5000	2350	34	35	" +
4900	2400	40	42	" ++ (ore)
4900	2500	16	17	"
4900	2500	34	35	"
5300	2500	16	17.5	" ++ (ore)
5400	2500	21.5	22.5*	3.0 percent (ore)
5500	2500	50	51	Trace
5500	2600	100	101	"
5000	2650	33	36	"
5600	2650	53	57	" ++
5100	2750	34	--	" + (ore)

*Listed as 21 feet to 21.5 feet in operator's narrative.

Coordinates		Sample Depth (Feet)		
NORTH	EAST	From	To	Percent U_3O_8
5300	2750	25	27	Trace +
5300	2750	70	72	" +
5500	2750	55	56	"
5600	2750	60	62.5	" ++
5600	2850	73	75	" +
5600	2850	101	103	" ++
5500	2900	45	52	" +++
5400	3000	17	20	" ++
5500	3000	20	23	" +++
5600	3000	50	53	" +++
6100	3000	93	--	" +
5700	3100	53.5	54.0	" +
6500	3100	53	54	" +
5600	3150	25	--	**0.50
5800	3150	85	--	Trace
6200	3150	32	32.5	" +
6400	3150	42	43	"
5700	3250	18	21	" +
5700	3250	38	--	" ++ (ore)
6100	3250	40	42	**1.0 (ore)
5600	3350	28	30	Trace +++(ore)
5800	3350	25	28	" +++(ore)
5900	3600	27	35	*** " +++
6400	3750	43.6	46.5	0.05 (ore)
5800	4250	24	25	Trace

** Unintentionally shown as a trace on operator's map
*** Unintentionally shown as high grade on operator's map

The writer has placed (ore) after each hole that has been classified by the operator as an ore hole on the progress map. Apparently, most of the assay values were obtained by probing the holes and the readings were not converted to percentages of U_3O_8. This fact will make the calculation of ore reserves difficult and inconclusive. The operator has submitted no estimate of reserves.

One hole at coordinates 5400 N. and 2500 E. encountered 3 percent ore at a depth of 21.5 feet to 22.5 feet. A second hole, coordinates 5600 N. and 3150 E., encountered an undetermined thickness of 0.5 percent ore, and a third hole, coordinates 6100 N. and 3250 E., encountered 2 feet of 1 percent ore. On the basis of these holes and mineralized holes surrounding them, the writer has

estimated a tentative reserve of 3,000 tons of indicated ore averaging 0.16 percent U_3O_8. The lack of assay data prevents any enlargement of this estimate at this time. Without doubt, offset drilling in the favorable areas will disclose small deposits of fairly high-grade ore and a considerable reserve of low-grade ore.

The project was completed quickly and efficiently and according to the terms of the contract. It is recommended that a discovery be certified and that the contract be officially closed pending final audit and the receipt of the final reports. The company evidently considers this progress report as their final report and its acceptance as such is recommended.

Payment is recommended of $8,959.41 or 90 percent of the $9,954.90 claimed for the month of August 1953.

T. V. Everett, for
Russell R. McLellan
Mining Engineer

cc
2452
Chron

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
RECEIVED
OCT 12 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1953 Docket No. DMEA 2618 Contract No Idm-E452
Operator's Name Uranium Development Corporation Minerals Uranium-Van.
Address 620 E&C Bldg., Denver, Colo.
Contract Amount, $ 21,744.45 Government Participation: 90 % Amount, $ 19570

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling Wagon	$9954.90	$11789.55	$21744.45			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$9954.90	$11789.55	$21744.45	9954.90	11,789.55	21,744.45

I certify that the above bill is correct and just and that payment therefor has not been received.

Date 6/28/53 *Payee Uranium Development Corp.

Per Paul H. Keating Title Managing Director

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be.

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$ 8459 41

Signature RANDEL R. COOPER
(Authorized Certifying Officer)

Date 10-5-53 Vou. No DMA-54-36

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E452 in accordance with the terms of the contract.

Signature R. R. McLellan 8,955.41 Title Mining Engineer Date 9/22/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.A.B.

Signature W. H. Ring Title Executive Officer Date OCT 1 1953

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(a) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(b) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(c) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 2618 Contract No. Idm-E452

Operator's Name Uranium Development Corporation Minerals Uranium

Address 620 ECC Bldg., Denver, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Rex Wagon	ft.	$9954.90	7374	$21,744.45	16107	$1.35	16107	$1.35
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$9954.90		21744.45				$21744.45

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date Aug. 25, '53 Operator Uranium Dev. Corp.

Per Paul H. Keating Title Managing Director

Paul H. Keating

NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

September 4, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation, Montrose County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period July 1953, pertaining to DMEA Docket 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation, Montrose County, Colorado.

W. H. King

W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

September 1, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation, Montrose County, Colorado. Operator's Monthly Progress Report for the period July 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	July 31, 1953.
Date Received in Field Office	August 3, 1953.
Date Received in Region Office	September 1, 1953.

Held up in Field Office due to work load of the inspecting engineer.

W. H. King
W. H. King

Enclosures

RDB:cwm

cc: Contract
WMTraver
Secretary to the Oper. Comm. (2)
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 26, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation, Montrose County, Colorado - Progress report for July 1953

Enclosed are the original and four copies of the subject progress report, the initial one--forms MF-104 and MF-104A, with an excellent narrative and progress map of the wagon drilling accomplished to the end of the reporting period--and the original and six copies of R. R. McLellan's memorandum covering inspection of operations. The contract is short-form unit-cost on form MF-200(A) and requires no documentation.

McLellan confirms the wagon drill footage of 8,733 claimed by the contractor and his entries and extensions on the reporting forms. The physical accomplishments are adequately described in the memorandum report.

Payment is recommended and certified on the MF-104 forms of $10,610.59, or 90 percent of the total $11,789.55 claimed.

W. M. Traver

W. M. Traver

enclosures

cc W, E452, DMEA Chron.

WMT pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 25, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. N. McMillan

Subject: DMEA 2618, Contract Idm-E452 (Uranium), Uranium Development Corporation, Montrose County, Colorado - Progress report for July 1953

Wagon drilling under the subject contract commenced on July 13, 1953. At the close of the month, a total of 109 holes had been completed for a total of 8,733 feet of wagon drilling. The property was inspected on August 13, 1953, in company with the resident engineer, F. W. Peter. All wagon drilling allowed by contract had been completed prior to the examination date and all monthly and final reports had been submitted to the company by the resident engineer.

During the month of July, three holes encountered ore and nine holes encountered traces of mineralization. These holes are shown on the maps which accompany the operator's narrative report. Assay information was not complete at the close of the month, however, the following sample splits and assays were submitted with the monthly report:

Hole coordinates		Sample depth	Percent U_3O_8
[illegible] N	340 E	51 feet - 55 feet	[illegible]
[illegible] N	340 [illegible]	58 feet - 5[illegible] feet	[illegible]
64[illegible] N	355 E	23.[illegible] feet - 25.[illegible] feet	[illegible]
6[illegible] N	3[illegible] E	51 feet - 61 feet	[illegible]
6[illegible] N	375 E	58 feet - 6[illegible] feet	[illegible]
6[illegible] N	375 E	31 feet - 33 feet	[illegible]
6[illegible] N	375 E	34 feet - 35 feet	Trace
[illegible] N	335 E	4[illegible] feet - 52 feet	[illegible]
55[illegible] N	3[illegible]	[illegible] feet - 53.5 feet	Trace
5[illegible] N	[illegible]	5[illegible] feet - 64.5 feet	[illegible]
5[illegible] N	3[illegible]	68 feet - [illegible] feet	[illegible]
5[illegible] N	3[illegible]	72 feet - 81 feet	Trace
5[illegible] N	375 E	[illegible] feet - [illegible] feet	Trace

None of the above assays show commercial quantities of uranium. The resident engineer commented that most of the mineralized areas were so weak that the color of the cuttings was not a

reliable guide, therefore, each hole was probed with a Geiger tube to provide more accurate logging. No ore reserves have been established as yet.

With three wagon drills in operation the project was completed in 1 month. The work appears to have been done thoroughly and efficiently and within the terms of the contract. The operator's monthly report is exceptionally well presented.

Payment is recommended of $10,619.59, or 90 percent of the $11,789.55 claimed for the month of July.

R. R. McLellan
Mining Engineer

cc 6
E452
DMEA Chron.

RRM pam

Form MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July 3 2618 Docket No. DMEA Idm-452
Operator's Name Uranium Development Corp. Contract No. Uranium
Address 620 E&C Bldg., Denver, Colo.
Contract Amount, $ 21,744.45 Government Participation: 90 % Minerals 19,570.00 Amount, $

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:	(8733 ($11,789.55	none none	8733 $11789.55			
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
	$11,789.55	----	$11,789.55			
	8733	------	8733			
TOTALS				11,789.55		11,789.55

July 31, '53 Uranium Develpnt. Corp.

I certify that the above bill is correct and just and that payment therefor has not been received.

Date _____ *Payee _____ Managing Director

Per Paul H Keating Title _____

*When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary," or "Treasurer," as the case may be. as

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:

$10,610.60

Signature _____ (Authorized Certifying Officer)

Date 9/2/53 Vou. No. 54-24

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 452 in accordance with the terms of the contract.

Signature R. R. McLellan 10,610:59 Title Mining Engineer Date 8/25/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date SEP 1 1953

MONTHLY REPORT OF OPERATOR

The Operator (Contractor) of an exploration project is required to make a monthly report to the Government through the Regional Executive Officer. This report consists of three parts as follows:

(*a*) *Form MF-104—Operator's Monthly Report and Voucher.*—This form details expenditures and constitutes a voucher for reimbursing the Operator for the Government's share of costs;

(*b*) *Form MF-104A—Operator's Unit Cost and Progress Report.*—This is a statistical report of expenditures which shows costs for the various types of operation; and

(*c*) *Narrative.*—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered must be furnished as an attachment to this Report and Voucher. Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

The Monthly Report of Operator should be prepared in an original and four copies all of which must be sent to the Executive Officer of the Region not later than the 15th of the month following.

Preparation of Form MF-104—Operator's Monthly Report and Voucher.—All the applicable spaces in Form MF-104 should be filled in by the Operator, and the Operator or his agent should sign the certification in the lower left corner of the form.

The items of costs are arranged in the order they appear in Article 6 (a) of Form MF-200 (Revised February 1952), however, this form is readily adaptable for use in reporting activities under other contract forms.

Under Item (1) delete words "Short Form" if the contract is a sub-contract under Form MF-200; and delete word "Independent" if the contract reported is on Form MF-200 (A). Also, report work paid for on a unit basis under contract Form MF-200 as though it were performed under an independent contract.

Under Item (2) include labor, supervision and technical services incurred for the exploratory operations. Do not include labor, supervision and technical services used for work performed under items (5) and (6).

Under Item (3) include the costs of material and supplies used in the project other than that used under items (5) and (6).

Under Item (4) appear the three types of operating equipment expenditures, that is, rental, purchase and depreciation. The expenditures made for renting equipment belonging to a third party will be reported under "Rental". The amount paid or duly obligated for payment for the purchase of equipment will be reported under "Purchase". The amount of expenditures due the Operator to reimburse him for depreciation of equipment owned will be reported under "Depreciation".

Item (5) comprises costs of labor, supervision, technical services, materials, etc., which are used in the initial rehabilitation and repair of existing buildings, installations, fixtures, and equipment. These costs, therefore, should not be reported under items (2) and (3).

Item (6) includes the labor, supervision, technical services, materials, etc., used in the installation or construction of new buildings, fixed improvements, etc., necessary for the project. These costs, therefore, should not be reported under items (2) and (3).

Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported under item (7). The share paid by the employee as a payroll deduction is to be included under item (2) as labor costs.

Item (8) includes any unforeseen costs not included in the other seven categories.

The original of Form MF-104 when submitted for reimbursable expenses incurred under contract Form MF-200 must be supported by original documentation or by certified copies of purchase orders, payrolls or transcripts of payrolls, unless such documentation has been waived by the Regional Executive Officer. This certification may be stated thus, "Certified True Copy (or Transcript)", followed by appropriate signature. If the Executive Officer of the Region determines that a contract under Form MF-200 should have an "on-site" audit, that is, a Government auditor should make an audit of the Operator's books and records of account, the Operator need not support his monthly voucher with original or certified documents except in cases of equipment purchases whose individual costs exceed $50.00. In these cases the original or a certified copy of the purchase order or invoice should be attached to the Monthly Voucher. N. B.—Only the *original* of Form MF-104 is required to be documented. The four copies of Form MF-104 are not to be thus supported.

Form MF-104 submitted for reimbursement under fixed price contracts on Form MF-200 (A), however, are not required to be supported by documentation of any kind. The Operator will submit his claim under item (1) of Form MF-104 by deleting as stated above the word "Independent" and by showing the number of feet or other units immediately after the appropriate descriptive word, such as, drilling, bulldozing, crosscutting, drifting, etc., and giving the "Monthly Total" amount due. "Totals Previously Reported", and "Totals to Date" columns should also be filled in.

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

Department of the Interior
Defense Minerals Exploration Administration
SEP 8 - 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 195 3 Docket No. DMEA 3010 Contract No. 11-453
Operator's Name Uranium Development Corporation Minerals Uranium-Van.
Address 220 Rio Grande, 17th & Curtis Sts. Denver, Colo.

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Ft.	11700.00	0700	11,700.00	0700	1.00	10107	11.00
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		11700.00	0700	11,700.00	0700			Total Costs Authorized by Contract
Operating Equipment Purchased								03704.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this report is correct and complete to the best of their knowledge and belief.

Date July 31 '53 Operator Uranium Dev. Corp.

Per Paul H. Keating Title Managing Director

Remarks:

→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

Preparation of Form MF–104A—Operator's Unit Cost and Progress Report.—Applicable places on Form 104A should be filled in by the Operator. The purpose of this form is twofold as follows: (1) to furnish the supervising engineers and other administrators with statistical information necessary to better determine the progress of the project; and (2) to furnish more permanent information on mining costs for future use. The more important phases of operation on which permanent information is desired have been outlined in the form. There are blank lines, however, for those unusual phases which may need to be reported for a particular project. It will be necessary for the Operator to distribute his costs among the applicable phases reported with the exception of three items the costs of which are not to be distributed by the Operator. These three items are: "Operating Equipment Purchased", "Initial Rehabilitation and Repairs", and "New Buildings, Improvements, etc." The reason for not distributing these items on a monthly basis is doubtless clear to the Operator, since such distribution might well overstate the cost for any one month or period short of the entire contract period.

Form MF–104A has been designed to tie in with Form MF–104 for both monthly and cumulative costs. The "Total Costs" on Form MF–104A for each month should equal the monthly "Total Costs" as reported on Form MF–104. This is also true of the "Total Costs To Date".

In preparing Form MF–104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active for the month. Such distributions should be made on the basis of time spent on the various phases, on man days of labor charged to such phases, or on some other equitable basis. "Operating Equipment", "Initial Rehabilitation and Repairs", and "New Buildings Improvements, etc.", will be distributed to the several phases of the project by the Washington Office of DMEA at the close of the project if determined necessary. The last two columns headed "Authorized by Contract" will be filled in by the Operator if such information is found in the contract. This information is usually a part of Exhibit "A" of the contract. A space for remarks has been provided for the use of the Operator to call attention to any unusual circumstances causing excessive or disproportionate unit costs.

GPO 83-38475

DEPARTMENT OF THE INTERIOR
Defense [illegible]
[illegible]
SEP 8 - 1956

TO:

Defense Minerals Exploration Administration
Room 224, New Customs Building
Denver, Colorado

REPORT ON URANIUM EXPLORATION PROJECT

DOCKET 2618

CONTRACT (SHORT FORM) Idm-D452

WITH THE URANIUM DEVELOPMENT CORPORATION

620 E. and C. Building, Denver, Colorado

Operations on the above contract started July 10, 1953, on the Blackfoot Group of Claims, Vixen Mining District, Montrose County, Colorado. The initial work was bulldozing drill sets and laying out the drilling pattern as proposed on the map "Exhibit A" attached to the above contract. These drill sites were established by transit. A set of semi-permanent reference points were set up as a network to expedite co-ordinate locations of the drill sites.

On each stake marking the drill sites is stamped with metal dies the co-ordinates of the stake on the co-ordinate system established for the entire group; also, the name or initials of the claim on which the stake is established are stamped into the wood. In pencil has been written the estimated depth of each hole as listed on Annex 2 attached hereto.

As each hole is finished to "bottom" (the top of a thick bed of red clay underlying the Blackfoot ore horizon), a section of Orangeburg tubing is inserted at the top of the hole. This is an asphaltum base of rigid tubing about 2-1/2" in diameter. Its purpose is to prevent top-soil from funneling back into the hole. Hence, each hole is "cased" by this tubing from about 6" above the surface down to solid rock or a few inches below. The stake showing the co-ordinates of the hole is then replaced in the tubing and the open space remaining is stuffed with mineral wool. This keeps the hole as clean as possible.

Each hole is being probed in addition to samples being taken wherever the appearance of the cuttings warrants it.

DEVIATIONS

1. Certain holes have not been drilled up to now by reason of the physical inaccessibility to the wagon drill equipment. Where proposed holes were too close to the edge of the cliff for safe operation, they have been by-passed for the time being. Two or three holes have been moved as much as 5' from the location stake for similar reasons.

2. The Corporation's Engineer called upon Messrs, Will H. Traver and Scott Hazen, of the U. S. Bureau of Mines (Federal Center, Denver), Tuesday, July 14, 1953, for detailed instructions on data required and the preparation of this report.

It was understood that a drill hole should reach the marker bed known as "bottom" in each case possible, otherwise the area would not be completely explored.

The predicted depths of the bottom on the holes lying approximately on and west of the 3900E co-ordinate line found the marker bed very close to the predicted depths (plus or minus 5'). Holes east of this 3900E line were considerably deeper at several locations.

The discrepancy between predicted depth and actual depth indicates either a hidden fault between these two generalized areas, or an unconformity of the marker bed of red clay, or an entirely separate stratigraphic unit. The existence of a separate stratigraphic unit cannot be established until sections are drawn and studied across this 3900E line. This data is now being assembled.

However, in ALL holes whose footage is reported herewith, the red clay bottom was reached and logged at or very close to the specified co-ordinates.

PERSONNEL

The actual drilling has been let out on contract to the following:

James Nibert, Nucla, Colorado
George Burbridge, Nucla, Colorado
Mal Pais Mining and Engineering Co., Grand Junction, Colorado

These three outfits are widely experienced, well known in the Colorado Plateau, and are especially conscientious in the matter of keeping logs and taking samples.

A full-time resident engineer, Philip W. Peter, (registered in Colorado), and a competent rodman-chainman, are on the ground at all times. For a week or ten days up to July 24th, a second registered engineer, I. R. Taylor, was assisting Peter in the matter of laying out drill sets, collecting logs and preparing working maps.

Attached hereto are five copies each of Forms MF-104 (Rev.) and MF-104A, April, 1952. In addition, we are enclosing such maps and data as we believe will indicate diligent prosecution of our contract with you.

Respectfully submitted,

THE URANIUM DEVELOPMENT CORP.

By Paul H. Keating
Paul H. Keating, Managing Director

PHK:mk
Enclosures

Annex No. 1

Name	Recorded Book No.	Recorded Page No.	Date Filed	County
Gray Fox	201	287	7/4/29	Montrose
Rattlesnake	201	289	7/4/29	Montrose
Big Basin #1	201	571	3/15/40	Montrose
Big Basin #2	201	572	3/15/40	Montrose
Fairy King	213	206	10/8/40	Montrose
Red Fox	213	210	10/8/40	Montrose
Rim Rock Queen	213	211	10/8/40	Montrose
Blackfoot	213	212	10/8/40	Montrose
Good Hope	213	213	10/10/40	Montrose

"ANNEX 2"

Holes drilled thru

July 31, 1953,

are underlined.

ANNEX #2

Hole Coordinates North	East	Estimated Depth Feet	Claim
5000	2000	105	Fairy King
5100	2000	100	" "
4800	2100	80	" "
5000	2100	92	" "
5200	2100	105	" "
4900	2150	84	" "
5100	2150	92	" "
4700	2250	80	" "
4800	2250	79	" "
4900	2250	83	" "
5000	2250	86	" "
5100	2250	88	" "
5200	2250	92	" "
5300	2250	95	" "
4800	2350	83	" "
5000	2350	85	" "
5200	2350	92	" "
5400	2350	103	" "
4900	2400	84	" "
5100	2400	87	" "
5300	2400	94	" "
4900	2500	87	" "
5000	2500	84	" "
5100	2500	87	" "
5200	2500	90	" "
5300	2500	93	" "
5400	2500	100	" "
5500	2500	119	" "
5100	2600	80	" "
5300	2600	85	" "
5500	2600	114	" "
5000	2650	74	" "
5200	2650	79	" "
5400	2650	94	" "
5600	2650	120	" "
5100	2750	65	" "
5200	2750	68	" "
5300	2750	74	" "
5400	2750	88	" "
5500	2750	106	" "
5600	2750	120	" "
5000	2850	82	Big Basin No. 2

Hole Coordinates North	East	Estimated Depth Feet	Claim
5200	2850	67	Fairy King
5400	2850	76	" "
5600	2850	110	" "
5800	2850	120	" "
6000	2850	120	Good Hope
6200	2850	121	" "
5100	2900	66	Big Basin No.2
5300	2900	70	Fairy King
5500	2900	89	" "
5700	2900	106	" "
5900	2900	115	" "
6100	2900	120	Good Hope
5000	3000	90	Big Basin No.2
5100	3000	66	" " " "
5200	3000	66	" " " "
5300	3000	67	Fairy King
5400	3000	68	" "
5500	3000	72	" "
5600	3000	82	" "
5700	3000	94	" "
5800	3000	102	" "
5900	3000	106	" "
6100	3000	115	Good Hope
6200	3000	117	" "
6300	3000	115	" "
6400	3000	84	" "
6500	3000	66	" "
5100	3100	74	Big Basin No. 2
5300	3100	68	Red Fox
5500	3100	66	Fairy King
5700	3100	85	" "
5900	3100	107	" "
6100	3100	112	Good Hope
6300	3100	108	" "
6500	3100	75	" "
5000	3150	94	Big Basin No.2
5200	3150	73	Red Fox
5400	3150	63	Fairy King
5600	3150	70	Rattlesnake
5800	3150	100	"
6000	3150	107	"
6200	3150	110	"
6400	3150	90	"
6600	3150	74	"
5000	3250	99	Big Basin No.2
5100	3250	83	" " " "
5200	3250	79	" " " "
5300	3250	70	Red Fox
5400	3250	60	" "

Hole Coordinates North	East	Estimated Depth Feet	Claim
5500	3250	58	Rattlesnake
5600	3250	60	"
5700	3250	73	"
5800	3250	97	"
5900	3250	110	"
6000	3250	117	"
6100	3250	108	"
6200	3250	103	"
6300	3250	100	"
6400	3250	95	"
6500	3250	87	"
6600	3250	78	"
6700	3250	68	"
6800	3250	48	"
5000	3350	85	Big Basin No. 2
5200	3350	74	" " " "
5400	3350	55	Red Fox
5600	3350	53	Rattlesnake
5800	3350	81	"
6000	3350	101	"
6200	3350	95	"
6400	3350	85	"
6600	3350	77	"
6800	3350	60	"
5100	3400	73	Big Basin No. 2
5300	3400	56	Red Fox
5500	3400	51	,Rattlesnake
5700	3400	57	"
5900	3400	88	"
6100	3400	92	"
6300	3400	86	"
6500	3400	78	"
6700	3400	75	"
6900	3400	65	"
5000	3500	63	Big Basin No. 2
5100	3500	66	" " " "
5400	3500	47	Red Fox
5500	3500	45	Rattlesnake
5600	3500	42	"
5700	3500	45	"
5800	3500	58	"
5900	3500	72	"
6000	3500	77	"
6100	3500	81	"
6200	3500	83	"
6300	3500	77	"
6400	3500	70	"
6500	3500	72	"

Hole Coordinates North	East	Estimated Depth Feet	Claim
6600	3500	76	Rattlesnake
6700	3500	78	"
6800	3500	74	"
6900	3500	67	"
5100	3600	61	Big Basin No. 2
5700	3600	29	Rattlesnake
5900	3600	50	"
6100	3600	65	"
6300	3600	58	"
6500	3600	64	"
6700	3600	62	"
6900	3600	58	"
5000	3650	57	Big Basin No. 2
5600	3650	34	Rattlesnake
5800	3650	28	"
6000	3650	49	"
6200	3650	60	"
6400	3650	45	"
6600	3650	51	"
6800	3650	55	"
5000	3750	52	Big Basin No. 2
5100	3750	53	" " " "
5900	3750	18	Rattlesnake
6000	3750	30	"
6100	3750	40	"
6200	3750	44	"
6300	3750	30	"
6400	3750	22	"
6500	3750	30	"
6600	3750	34	"
6700	3750	39	"
6800	3750	43	"
6900	3750	48	"
5900	3850	42	Big Basin No. 2
6000	3850	20	Red Fox
6200	3850	48	" "
6400	3850	38	Blackfoot
6500	3850	26	"
6800	3850	35	"
5100	3900	35	Big Basin No. 2
6100	3900	40	Blackfoot
6300	3900	35	Red Fox
6500	3900	30	Blackfoot
6700	3900	31	"
4700	4000	44	Gray Fox
4800	4000	38	" "
4900	4000	33	" "
5000	4000	28	" "

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
5100	4000	23	Gray Fox
5200	4000	32	" "
5300	4000	52	" "
5400	4000	70	" "
5500	4000	77	" "
5600	4000	70	" "
5700	4000	40	" "
5100	4100	29	" "
5300	4100	40	" "
5500	4100	80	" "
5700	4100	56	" "
5000	4150	34	"
5200	4150	31	"
5400	4150	30	"
5600	4150	80	" "
4900	4250	45	" "
5000	4250	38	" "
5100	4250	37	" "
5200	4250	30	" "
5300	4250	21	" "
5400	4250	70	" "
5500	4250	83	" "
5600	4250	87	" "
5700	4250	79	" "
5800	4250	28	" "
5100	4350	69	" "
5300	4350	73	" "
5500	4350	20	" "
5700	4350	27	" "
5000	4400	29	"
5200	4400	18	" "
5400	4400	53	" "
5600	4400	72	" "
5800	4400	38	" "
4800	4500	33	" "
4900	4500	38	" "
5000	4500	40	"
5100	4500	26	" "
5400	4500	41	" "
5500	4500	60	" "
5600	4500	62	" "
5700	4500	63	" "
5800	4500	55	" "
5900	4500	38	" "
6000	4500	21	" "
6100	4500	19	" "
6200	4500	19	Rim Rock Queen
6300	4500	20	" " "
	Total footage	16,107	

This chart shows the actual depth drilled (in red) beside the estimated depth.

TO JULY 31, 1953

EST. FT. 6776

ACTUAL FT. 8733

NORTH \ EAST	2000E	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950	4000	4050	4100	4150	4200	4250	4300	4350	4400	4500	
7200																																																			
7100																																																			
7000																																																			
6900																													65		67		58			48	83														
6800																										48		60			74	54		55	33	43	70	35	83												
6700																										68			75	68	78	72	62	72		39	82		31												
6600																								74		78		77			76	72		51	54	34		28	39												
6500																					66		75			87			78	85	72		64	80		30			30	34											
6400																					84			90		95		85			70			45	72	22		38	48												
6300																					115		108			100	107		86		77		58	56		30			35	44											20
6200																		121			117			110		103	86	25			83			60		44	70	48													19
6100																			120		115		112			108			92	90	81		65			40			40	70											19
6000																		120	100		X			107	118	117	118	101	93		77			49		30		20	65											21
5900																			115	125	106	122	107	108		110	108		88		72		50			18	59		X											38
5800																		120	118		102	86		100		97	105	81			58			28	57	X		X							28			38	55	81
5700																			106	109	94		85			73			57		45		29			X			X		40		56			79	109	69	81	63	51
5600														120		120		110			82			70		60		53			42			34		X		X			70	12		80		87	101		72 87	62	63
5500											119		114			106			89		72		66			58	70		51	76	45	80	X			X			X		77	79	80	106		83	100	73	105	60	63
5400								103			100			94		88		76			68			63		60	71	55	89		47	81		X		X		X			70	59		70	105	78	72		53 54	41	87
5300						95	95		94		93		85			74			70	68	67	68	68			70	51		56	95	X		X			X			X		52	40	40			21		20		X	
5200			105			92	100	92	104		90			79		68	65	67	66		66	62		73	92	79	79	74	78		X			X		X		X			32			31	99	30	66		18 89	X	
5100	105			92		88			87	87	87		80			65			66	67	66		74	76		83			73	76	66	65	61	99		53	79		35	91	23	92	29	106		37	101	27	101	26	80
5000	100		92			86		85			84			74				82			90	91		94		99		85			63	70		57	48	52	83	42	83		28	89		34	97	38	89		29	40	94
4900				84		83			84		87																														33	86				45	98		97	38	92
4800			80			79		83																																	38	93								33	91
4700						80																																			44	76									
4600																																																			
4500																																																			
TOTALS	205		277	176		603		363	265		660		279	367		521		696	566		1310		695	781		1593		766	721		1193		447	379		483		211	171		507		205	215		518		189	210	535	

GRAND TOTAL 16,107 ft.

July 15, 1953

Memorandum

To: Hazel Berry, Operating Committee

From: Grace E. Ault, Rare & Misc. Metals Division

Subject: Amendment to contract, and contracts finalized by Region IV.

Docket DMA-2464, Contract Num-E552, Robert L. Williams

Mr. Ellis reviewed the above contract, dated June 18, 1953, and approved it.

Docket DMA-2483, Contract Num-E533, John W. Wood and C. S. Barton, d/b/a Black Mining Company

Mr. Ellis reviewed the above contract, dated May 27, 1953. As a result of the review, he discovered that under "Estimated Costs of Project", Exhibit A, the estimated cost of wagon drilling should read $6,345.00 instead of $5,400.00 as shown in the contract, which necessitates a correction being made in the total amount of the contract, i.e. from $11,480.00 to $12,425.00. The amount of the Government's participation, accordingly, will need to be corrected from $10,332.00 to $11,182.00.

On July 3, 1953, the Executive Officer of Region IV advised by teletype that they have prepared an amendment in accordance with our communication dated June 2, 1953. Execution of the amendment is deferred until new Owner's Consent to Lien has been obtained from the Operator.

Docket DMA-2618, Contract Num-E452, The Uranium Development Corp.

Mr. Ellis reviewed Amendment No. 1, dated July 10, 1953, and approved it.

Grace E. Ault

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 10, 1953

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Amendment No. 1 to Contract Idm-E452, Docket DMEA-2618, The Uranium Development Corporation (Uranium)

Enclosed are the original and two copies of Amendment No. 1 to Contract Idm-E452. Copies of this amendment have been given to the operator, the Fiscal Officer, Region IV, and a copy has been retained for our files.

Also enclosed are three copies of a letter from the operator requesting this amendment.

W. H. King

W. H. King

Enclosures

Coe
7-13

RECEIVED
JUL 24 1953
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

[redacted]NIUM DEVELOPMENT CORPORATION

620 E. and C. Building - Denver 2, Colo.

June 25, 1953

Mr. W. H King, Executive Officer
DMEA Field Team, Region IV
U. S. Department of the Interior
224 New Customhouse
Denver 2, Colorado

COPY

RE: Exploration Project Contract Idm-E452

Dear Mr. King:

This letter is in response to your letter of June 10th, 1953, addressed to Mr. Murphy Thomas, President of The Uranium Development Corporation.

We note from your letter that "Article 3. Exploration Project" stipulates that work done pursuant to the execution of a proper contract is to be completed within 8 months of the date of the contract, or by July 24, 1953.

You are hereby advised that we have as yet been unable to establish our title to the claims listed in the above named contract but are still desirous of performing the exploration work under the terms thereof.

In view of this situation, it is necessary for us to obtain an amendment to the contract to extend the completion date of the work.

You are now advised that we have obtained a lease on said claims specified therein so that it is our understanding that we may now proceed to obtain the loan for which we applied. Copy of our lease is hereto attached which you may examine and make the necessary memoranda therefrom. If we require this copy of the lease for future use, I may need to request the return of the same. Anyway, may we please have the contract properly amended before it is too late so that we can obtain our exploration loan.

Very truly yours,

THE URANIUM DEVELOPMENT CORPORATION

By: /s/ Claude W. Blake

Claude W. Blake, Attorney

CWB:mk
Encl.

COPY

6/17/53 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DOCKET COPY

DMEA-2618

224 New Customhouse
Denver 2, Colorado

June 10, 1953

Mr. Murphy Thomas, President
The Uranium Development Corporation
620 E. C. Building
Denver, Colorado

Dear Mr. Thomas:

Reference is made to the letter dated December 23, 1952, from Claude W. Blake, Attorney, which was in reply to our letter to you dated December 18, 1952, relative to the title of the claims involved in Exploration Project Contract Idm-5452. We will appreciate advice at your earliest convenience relative to the progress you have made in establishing title to the claims and advice as to the date on which you expect to commence operations under the contract.

Your attention is directed to the fact that "Article 3. Exploration Project" stipulates that work will be completed within 8 months from the date of the contract, or by July 24, 1953. If you have been unable to clear your title and are still desirous of performing the exploration work under the terms of the contract it will be necessary for you to obtain an amendment to the contract to extend the completion date of the work. Otherwise, you will be in default under the terms of the contract, effective July 24, 1953.

Unless we hear from you by that date, we will consider that you are no longer interested in performing the exploration work and will take the necessary steps toward terminating the contract.

Yours very truly,

W. H. King

W. H. King
Executive Officer
DMEA Field Team, Region IV

JWfld

cc: Claude W. Blake, Atty., 620 E. C. Bldg., Denver.
Chairman, Operating Committee
Townsend
Koschmann
Traver
Subject
Chron.

C
O
P
Y

THE URANIUM DEVELOPMENT CORPORATION

Mr. W. H. King
Executive Officer, DMEA Field Team
Region IV
224 New Customhouse
Denver 2, Colorado

December 23, 1952

RE: Exploration Project Contract
Idm-E452 - The Uranium Development Corporation.

Dear Mr. King:

This will acknowledge receipt of your registered letter of December 18, 1952, addressed to Mr. Murphy Thomas, President of The Uranium Development Corporation.

Your letter states that it has recently been brought to your attention that we do not have clear title to the claims on which we propose to work under said exploration project contract.

It would probably be of no avail for me to enter into a discussion with your office pertaining to the titles to our claims. Suffice it to say now that we shall proceed immediately to obtain a title to the claims involved to your complete satisfaction.

We appreciate the willingness of your office to hold this matter in abeyance pending our efforts above indicated.

Very truly yours,

THE URANIUM DEVELOPMENT CORPORATION

By: /s/ Claude W. Blake, Attorney

CWB:mk

C
O
P
Y

224 New Customhouse
Denver 2, Colorado

December 18, 1952

REGISTERED

Mr. Murphy Thomas, President
The Uranium Development Corporation
620 E and C Building
Denver, Colorado

Dear Mr. Thomas:

It has recently been brought to our attention that you do not have clear title to the claims on which you propose to do work under Exploration Project Contract Idm-E452.

We have been informed that all of Section 2, all of Section 3, the NE¼ and the NW¼ of the SE¼ of Section 10, and the N½ of Section 11 all in T 47 N., R 17 W., NMPM, Colorado were included in Power Site Classification No. 110, effective June 25, 1925. Two of your claims were located in 1929, the remainder in 1940. The Power Site withdrawal constituted a withdrawal of this land from Public Domain; therefore any claims located in the above sections were not valid. All of Sections 10 and 11, in T 47 N., R 17 W. were withdrawn through Public Land Order 698, effective February 12, 1951. This order reserved these described public lands for the use of the Atomic Energy Commission.

You should not start work under the terms of Contract Idm-E452 until such time as you have clear title to the claims involved.

We will hold your Exploration Project Contract in abeyance for a reasonable length of time to enable you to perfect your title. Please inform this office regarding your plans.

Yours very truly,

/s/ John F. Shaw for

W. H. King
Executive Officer, DMEA Field Team,
Region IV

JFS:fwo

cc COMittendorf
WMTraver, Jr., Contract, Shaw, Chron, Koschmann (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 18, 1952

REGISTERED

Mr. Murphy Thomas, President
The Uranium Development Corporation
620 E and C Building
Denver, Colorado

Dear Mr. Thomas:

It has recently been brought to our attention that you do not have clear title to the claims on which you propose to do work under Exploration Project Contract Idm-452. [DMEA-2618]

We have been informed that all of Section 2, all of Section 3, the NE¼ and the NW¼ of the SE¼ of Section 10, and the N½ of Section 11 all in T 47 N., R 17 W., NMPM, Colorado were included in Power Site Classification No. 110, effective June 25, 1925. Two of your claims were located in 1929, the remainder in 1940. The Power Site withdrawal constituted a withdrawal of this land from the Public Domain; therefore any claims located in the above sections are not valid. All of Sections 10 and 11 in T 47 N., R 17 W. were withdrawn through Public Land Order 698, effective February 12, 1951. This order reserved these described public lands for the use of the Atomic Energy Commission.

You should not start work under the terms of Contract Idm-452 until such time as you have clear title to the claims involved.

We will hold your Exploration Project Contract in abeyance for a reasonable length of time to enable you to perfect your title. Please inform this office regarding your plans.

Very truly yours,

John F. Shaw

John F. Shaw, for
W. H. King
Executive Officer, DMEA Field Team
Region IV

cc COMittendorf

12/30/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

December 18, 1952

Memorandum

To: Ernest William Ellis, DMEA Member,
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member,
Uranium Commodity Committee

IDM-E 45 v

Subject: Final Report, DMEA Docket 2618 (Uranium), Uranium Development Corporation, Montrose County, Colorado.

I have reviewed the subject report and discussed it with Mr. Joseph O. Hosted, representative of the Atomic Energy Commission.

It is recommended that the report be approved.

H D Keiser
H. D. Keiser

STANDARD FORM NO. 64

12/22/52 gla

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member, Uranium Commodity DATE: December 15, 1952

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: Final Report DMEA Docket 2618 (Uranium)Uranium Development Corporation, Applicant: Rattle Snake, Black Foot, Fox Group and other claims, East Long Park area, Secs. 2, 3, 10, 11, Township 47N, Range 17 West, Montrose County, Colorado.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
DEC 18 1952

I concur with the recommendations of the Field Team that Government exploration assistance be granted in the proportionate share of a total cost of $21,744.45, for exploration by wagon drilling on the property as identified in the subject above.

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

Copy to: E. Wm. Ellis

700 FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEC 11 1952

Mr. W. H. King
Executive Officer
DMEA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-2618 (Uranium)
Contract No. Idm-B452
Uranium Development Corporation
Montrose County, Colorado

Dear Mr. King:

Enclosed for your information and file in the above-captioned docket are copies of letters received by this office from Mr. Charles A. Rasor, Geologist, Atomic Energy Commission, Grand Junction, Colorado, concerning the status of lands on which the Applicant-company's claims are located.

Sincerely yours,

Ernest Wm. Ellis

ACTING Chairman, Operating Committee

Enclosures

GLAult/EWEllis/gla 12-9--52
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. A. P. Butler, Jr. Rm. 3206 GSA
H.D.Keiser, Rm. 3647
Mr. Ellis
DMEA Field Team, Region IV

APPROVED:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

ADDRESS REPLY TO:

MANAGER,
COLORADO RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 270
GRAND JUNCTION, COLORADO

AND REFER TO MI:JXC:CAR

November 25, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 28 1952

Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Subject: DMEA Docket 2618 (Uranium) Uranium Development Corporation, Montrose County, Colorado

Dear Sir:

It has come to our attention that a final report on the subject application has been forwarded to you by the Field Team, Region IV, DMEA.

Enclosed herewith for your information, is a copy of a letter recently written by this office to Mr. Claude W. Blake, attorney for Uranium Development Corporation, concerning the status of the lands on which his company's claims are located.

Very truly yours,

Charles A. Rasor

Charles A. Rasor
Geologist

Enclosure:
As stated above

AIR MAIL

DISPATCHED
NOV 05 1962
U.S.A.E.C.
CENTRAL FILE
OTIS

COPY

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

COPY

ADDRESS REPLY TO:

MANAGER,
COLORADO RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 270
GRAND JUNCTION, COLORADO

October 2, 1952

AND REFER TO OC:JXC

Mr. Claude W. Blake, Attorney
The Uranium Development Corporation
620 E. and C. Building
Denver 2, Colorado

Dear Mr. Blake:

Reference is made to your letter of September 11, 1952 in which you state that your company has acquired twenty-four mining claims in Montrose County, Colorado.

The map prepared for you by Professor Keating in June, 1952 shows that these claims are located in Sections 2, 3, 10, 11, 14 and 15, Township 47 North, Range 17 West, N.M.P.M., Colorado. These claims, according to the contract of sale and purchase, a copy of which you forwarded to us with your letter of July 25, 1952, are as follows:

1. Vanadium Beauty No. 1
2. Vanadium Beauty No. 2
3. Vanadium Beauty No. 3
4. Vanadium Beauty No. 4
5. Vanadium Beauty No. 5
6. Vanadium Beauty No. 6
7. Vanadium Rock No. 1
8. Vanadium Rock No. 2
9. The Look Out
10. Rim Rock Queen
11. The Red Fox
12. The Fairy King
13. Big Basin No. 1
14. Big Basin No. 2
15. The Gray Fox
16. The Black Foot
17. The Good Hope
18. The Rattlesnake
19. The Full Moon No. 1
20. The Full Moon No. 2
21. The Full Moon No. 3
22. The Full Moon No. 4
23. The Full Moon No. 5
24. The Full Moon No. 6

These claims were located on various dates since 1929.

The public records of the Colorado Land Office, Bureau of Land Management in Denver, show that Section 2, S½ Section 3, NE¼ Section 10, N½ Section 11, Township 47 North, Range 17 West, N.M.P.M., Colorado, are included in Power Site Classification No. 110, effective June 25, 1925.

The Department of Interior, through Public Land Order 698 of February 12, 1951 (16 F.R. 1638) withdrew from all forms of appropriation under the public land laws, including the mining but not the mineral leasing laws, Sections 3, 10, 11, 14 and 15, Township 47 North, Range 17 West, N. M. P. M., Colorado, and reserved such described public lands for the use of the United States Atomic Energy Commission.

The Bureau of Land Management issued oil and gas lease Denver 055549 on February 1, 1949, covering all of Section 15 in the above mentioned township.

Section 24 of the Federal Power Act of June 10, 1920 (47 Stat. 1075, 49 Stat. 846, 62 Stat. 275; 16 U.S.C. 818), provides that, "any lands of the United States included in any proposed project under the provisions of this chapter shall from the date of filing of application therefor be reserved from entry, location, or other disposal under the laws of the United States until otherwise directed by the commission or by Congress." The courts have held that the filing of an application for a power site automatically withdraws the affected land from mineral location and that unpatented lode mining claims located thereon are void.

It appears from plotting the foregoing data on Professor Keating's map that the following ten claims would be void because of conflict with this power site classification:

Black Foot	✓Good Hope
✓Rattlesnake	✓Fairy King
✓Red Fox	✓Gray Fox
✓Rim Rock Queen	✓Big Basin No. 2
The Look Out	✓Big Basin No. 1 fraction

Under Section 24 of the Federal Power Act (supra), the regulations of the Federal Power Commission, 18 CFR Part 25 and the regulations of the Bureau of Land Management, 43 CRR Part 103, an application for a determination permitting restoration to entry of such lands reserved or classified as power sites, may be filed directly with the Federal Power Commission at its offices in Washington, D. C., at any of its regional or field representatives' offices, or at local land offices for forwarding to the Federal Power Commission. No form is prescribed for such an application, but the lands should be described by legal subdivisions, and the applicant should present a showing relative to the propriety of restoring such lands and the use to which it is proposed to put the lands if restored to entry.

In your letter of July 25, 1952, you state that, "Up to the present time I think all of the ore that has been shipped by our company is from the north end of the Black Foot Mine which you will observe lies in Section 2." It, therefore, appears that your prime consideration is the fraction of the Black Foot claim, which lies in Section 2. This section is covered by Power Site Classification No. 110 but not by Public Land Order 698.

It thus appears that your course of action as to your producing mine in Section 2 would be to file a petition in the manner described above, with the Federal Power Commission and if and when favorable action on your application is made, take up such ground by original locations. This course of action would not be available as to the other claims in conflict with the Power Site Classification because they are located on lands withdrawn as explained herein.

In your letter of July 25, 1952, you state that the Full Moon claims Nos. 1 through 6, inclusive, were located on February 17, 1951. Professor Keating's map shows that these claims are in Sections 10, 11 and 14, Township 47 North, Range 17 West, N.M.P.M., Colorado. As stated above, these lands were withdrawn from appropriation through Public Land Order 698 of February 12, 1951. This Land Order was filed at 8:47 a.m., February 15, 1951 and published in the Federal Register on February 16, 1951. Thus, these six claims appear to be void ab initio because they were located when the land was not open to mineral entry.

It follows that the sixteen claims enumerated above, i.e., Black Foot, Good Hope, Rattlesnake, Fairy King, Red Fox, Gray Fox, Rim Rock Queen, Big Basin No. 2, Look Out, Big Basin No. 1 fraction and Full Moon claims Nos. 1 through 6, were invalid on the date of Public Land Order 698 and, consequently, the land covered by such claims, except the fraction of Black Foot in Section 2, would be reserved for the use of the Atomic Energy Commission by this Land Order.

Should your company desire to conduct mining operations on any part of the lands withdrawn for the use of the Commission, this office will be pleased to receive and consider an application from your company for a mining lease from the Commission covering such lands. Application forms, copies of which are enclosed, should be filed with this office in duplicate.

According to Professor Keating's map the following eight claims are located in the SE¼ Section 10, SW¼ Section 11, NW¼ Section 14, NE¼ Section 15, Township 47 North, Range 17 West, N.M.P.M.Colorado:

Vanadium Beauty Nos. 1 through 6, inclusive, and Vanadium Rock Nos. 1 and 2. As the lands on which these claims are located are not withdrawn for power site purposes and as the claims were located prior to withdrawal of these lands through Public Land Order 698, there appears to be no question as to these claims (and the fraction of Big Basin No. 1 claim in the S½ Section 11), at this time, aside from the fractions of the Vanadium Beauty Nos. 1 and 3 in Section 15, which is covered by a prior oil and gas lease issued by the Department of Interior.

In your letter of September 11, 1952, you state " . . we cannot understand why we should be discriminated against upon the technicality that the territory upon which our claims are located was withdrawn from mining operations twenty-seven years ago, while at the same time another department of the government issues us a permit and encourages us to produce and sell the ore!" We presume that the permit to which reference is made is the AEC License to Transfer, Deliver or Receive Uranium Source Material. You state that you have been issued Permit No. P-1034 to produce and sell uranium ore. Such permits are issued upon information furnished the Atomic Energy Commission by the applicant, who certifies in his application that, "All information contained in this application is true and complete to the best of their knowledge and belief", on which basis the Commission is required to issue licenses.

Should you be in Grand Junction in the near future we would be happy to discuss these matters with you.

Very truly yours,

Charles A. Rasor
Geologist

Enclosures:
Mining Lease Application (3)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
1952

November 28, 1952

ON-SITE EXAM

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2618 (Uranium) Uranium Development Corporation, Montrose County, Colorado

Enclosed are four copies of the ~~final~~ report on the subject docket.

The contract has been signed and is in effect.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

November 12, 1952

Memorandum

To: Field Team, Region IV

From: Acting Chief, Mining Division, Region IV

Subject: Final Report, DMEA Docket 2618, (Uranium) Uranium Development Corporation, Montrose County, Colorado

Enclosed are ten copies of the engineering report on DMEA-2618 by R. R. McLellan.

The applicant originally requested $26,000 but revised his drilling program which reduced the cost to $21,744.45, Government participation $19,570.

The proposed work will be done in an area which the examining engineer believes is favorable for the discovery of additional bodies of ore. He recommends the revised drilling project.

We concur in this recommendation.

W. H. King
W. H. King

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
12-5-52
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
November 10, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMEA 2618 (Uranium), Uranium Development Corporation, Montrose County, Colorado

Please find enclosed the original and ten copies of the "Summary, Conclusions, and Recommendations", by D. R. MacLaren and Russell R. McLellan, and of McLellan's engineering report on the above docket.

McLellan concludes the applicant has proposed a meritorious program of wagon drilling to explore an area favorable geologically for the discovery of uranium ore reserves adjacent to present production. He has revised the cost estimates and recommends a project costing $21,782.00, to be set up as a short form contract on form MF-200 (A).

I approve his recommendations.

The brochure furnished the Geological Survey by the Region IV Field Team is also enclosed.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/amh

cc 10
DMEA 2618
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

200 New Customhouse
Denver 2, Colorado

October 20, 1952

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Keschmann

Subject: DMEA Docket 2618, The Uranium Development Corporation, Montrose County, Colorado.

Attached are 10 copies of the geological report by D. R. MacLaren covering DMEA Docket 2618, The Uranium Development Corporation, Montrose County, Colorado.

The applicant proposes to explore for uranium ore on 9 claims by bulldozing shallow trenches, diamond drilling, and wagon drilling, at an estimated cost of $26,000. The applicant subsequently revised his proposal to eliminate the trenching and diamond drilling, but to increase the amount of wagon drilling at a total estimated cost of $23,265.

The subject property is underlain by the Morrison formation, the Salt Wash member of which has three horizons that carry carnotite. About 1000 tons of ore averaging 0.2% U_3O_8 and 2.0% V_2O_5 have been taken from this formation.

The geology indicates that the discovery of a considerable amount of uranium ore is probable. MacLaren, therefore, recommends that the loan be approved.

I concur in this recommendation.

A. H. Keschmann

A. H. Keschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (10)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

DMEA 2618, Uranium Development Corporation

Montrose County, Colorado

Uranium

D. R. MacLaren, Geologist
U. S. Geological Survey

Russell R. McLellan, Mining Engineer
Bureau of Mines

November 7, 1952

DMEA 2618

URANIUM DEVELOPMENT CORPORATION
MONTROSE COUNTY, COLORADO

Summary, Conclusions, and Recommendations

By D. R. MacLaren
Geologist
U. S. Geological Survey

and

Russell R. McLellan
Mining Engineer
Bureau of Mines

DMEA 2618

URANIUM DEVELOPMENT CORPORATION
MONTROSE COUNTY, COLORADO

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

By D. R. MacLaren and Russell R. McLellan

The Uranium Development Corporation, 620 E and C Building, Denver, Colo., has applied for assistance to explore for uranium on a group of claims owned by the company in the Vixen Mining District, Montrose County, Colo. The applicant originally requested $26,000.00 but later proposed, in a revised program, drilling a total of 16,107 feet of wagon drill holes at an estimated cost of $23,265.00. A detailed review of the program indicates that the estimated cost is excessive. This cost has been reduced to $21,782.00 of which the Government's share will be $19,603.80, or 90 percent of the total. Drilling will be accomplished by subcontract to an independent contractor who will furnish drill equipment and labor. The applicant has requested, if possible, that the work be authorized on a short form contract.

An ore-bearing zone of the Morrison formation outcrops in the cliffs and benches, exposing three horizons of uranium-bearing material, one of which is now in production. The proposed work will be done in an area geologically favorable for the discovery of additional bodies of ore.

The company has proposed a reasonable and sound program of wagon drilling that will effectively explore the described area.

It is recommended that the revised program be approved.

THE URANIUM DEVELOPMENT CORPORATION

MONTROSE COUNTY, COLORADO

DMEA DOCKET 2618

Geologic Report

By D. R. MacLaren
U. S. Geological Survey

THE URANIUM DEVELOPMENT CORPORATION
MONTROSE COUNTY, COLORADO

INTRODUCTION

The Uranium Development Corporation of Denver, Colorado, has applied to the Defense Minerals Exploration Administration for assistance to explore for uranium in Montrose County, Colorado. The corporation holds, under purchase contract, 24 claims in the Vixen mining district, about 5 miles southwest of Uravan. The applicant proposes to explore on 9 claims at the north end of the group by bulldozing shallow trenches, diamond drilling, and wagon drilling, at an estimated cost of $26,000, the Government's share to be $23,400. The applicant subsequently revised his proposal to eliminate the trenching and diamond drilling, and to increase the amount of wagon drilling at a revised estimated cost of $23,265, Government's share to be $20,938.50.

The property was examined on July 29, 1952, in company with Paul H. Keating, Managing Director of the corporation, and Bob Bordman of the U. S. Geological Survey, working on the Plateau Project of the AEC. The property may be reached by following 2½ miles of poor dirt road that turns west from State Highway 141 about 2 miles south of Uravan. Except for short periods following heavy rains or snows, and during the spring thaws, the property is accessible throughout the year.

It is concluded that the work will be done in an area geologically favorable for the discovery of carnotite ore, and it is recommended that the revised application be approved.

GEOLOGY

The geology is typical of the Colorado Plateau. Late Paleozoic and Mesozoic sediments lie on the southwest limb of a broad syncline toward which they dip at low angles. The rocks exposed on the property are the upper and lower members of the Morrison formation. The lower member, the Salt Wash which is 250 to 300 feet thick, is made up of lenticular beds of medium-grained, cross-bedded sandstone, alternating with thin layers of gray sandy clay and mudstone. The upper member, the Brushy Basin which is 270 to 300 feet thick, is composed of light colored soft bentonitic clays and mudstones, with a few lenses of sandstone. A few deposits of carnotite have been found in the lowermost part of the Brushy Basin member, but by far the most numerous and important deposits are in a widespread zone of bench forming sandstone beds near the top of the Salt Wash member. On the claims to be explored there are three horizons at which carnotite was seen to outcrop. The lowest ore horizon is along the base of one of the Salt Wash sandstone benches on the Blackfoot claim (fig. 2). About 1,000 tons of ore averaging 0.2% U_3O_8 and 2.0% V_2O_5 have been shipped from this horizon. The second zone is about 40 to 50 feet vertically higher, near the top of the Salt Wash. The third zone lies about 10 to 20 feet vertically above the second and is just above the base of the Brushy Basin member. There is evidence that some ore has been taken from each of the latter two horizons but the production figures are not available.

PROPOSED EXPLORATION

The applicant originally proposed to diamond drill 2,000 feet of holes at a contract price of $3.00 per foot, wagon drill 10,000 feet of holes at

$.50 per foot, and to bulldoze an unstated number of trenches. A more specific plan has since been submitted (fig. 2) under which it is proposed to wagon drill 16,100 feet, at a contract price of $.80 per foot, and to abandon the proposed diamond drilling and trenching.

CONCLUSIONS AND RECOMMENDATIONS

The geology indicates that the discovery of a considerable amount of uranium bearing ore is probable and that this is an excellent prospect.

It is recommended that the application as revised be approved.

DMEA 2618

URANIUM DEVELOPMENT CORPORATION
MONTROSE COUNTY, COLORADO

Engineering Report

By Russell R. McLellan
Mining Engineer
Bureau of Mines

DMEA 2618

URANIUM DEVELOPMENT CORPORATION
MONTROSE COUNTY, COLORADO

CONTENTS

Engineering Report	Page
Introduction	1
Acknowledgments	2
Location, topography, and physical features	2
History and production	3
Description of the deposits	3
Ownership	4
Mineable ore reserves	4
Present status	4
Exploration and development	4
Mining, milling, and exploration equipment	5
Project proposals, with costs	5
Conclusions	14
Recommendations	14

ILLUSTRATIONS

Figure	Follows Page
1. Location map, Uranium Development Corporation claims, Montrose County, Colorado	2
2. Proposed wagon drill holes, Uranium Development Corporation, Montrose County, Colorado	14

DMEA 2618

URANIUM DEVELOPMENT CORPORATION
MONTROSE COUNTY, COLORADO

ENGINEERING REPORT

By

Russell R. McLellan

INTRODUCTION

The Uranium Development Corporation, of Denver, Colo., has applied for assistance to explore for uranium on a company-owned group of claims in the Vixen Mining District, Montrose County, Colo. The company originally proposed to diamond drill and wagon drill a total of 12,000 feet of holes, estimated to cost $26,000.00. A revised program was submitted by the company in which all drilling would be done under contract and would be confined to wagon drilling, the total footage being increased to 16,107 feet. The cost was reduced to an estimated $23,265.00 by the company. This figure is believed to be excessive and is reduced to $21,782.00. The Government's share of the cost will be $19,603.80, or 90 percent of the total.

The property was examined on July 30, 1952, by D. R. MacLaren, of the U. S. Geological Survey, and on September 16, 1952, by Russell R. McLellan, of the Bureau of Mines. It was concluded that the property has merit and a program of wagon drilling is recommended for approval.

ACKNOWLEDGMENTS

P. H. Keating, consulting mining engineer for the Uranium Development Corporation, provided all technical and general information concerning the application and proposed exploration.

LOCATION, TOPOGRAPHY, AND PHYSICAL FEATURES

The group of claims are 5 miles southwest of Uravan, Colo., and are accessible by 2-1/2 miles of dirt road that turns west from State Highway 141 about 2-1/2 miles south of Uravan (fig. 1). The specific area lies in sections 1, 2, 3, 10, 11, 12, 13, 14, and 15 of an unsurveyed portion of T. 47 N., R. 17 W., N. M. P. M., Montrose County, Colo. All claims considered for exploration pre-date gas and oil leases filed in the area.

The area consists of mesas, benches, and canyons, typical of the Colorado Plateau.

The climate is semiarid, permitting year-around surface operations except during the more severe storms. Vegetation is sparse, and, in general, the area to be drilled can be traversed with a minimum of bulldozing or clearing.

Operating supplies may be obtained at Uravan and most of the necessary equipment at Grand Junction, about 100 miles distant. Water will not be necessary for wagon drilling although it is available on the property. Power will be supplied by gasoline engines. Manpower is available locally although it is competitive with other operations in the area. A camp probably will be established on the property.

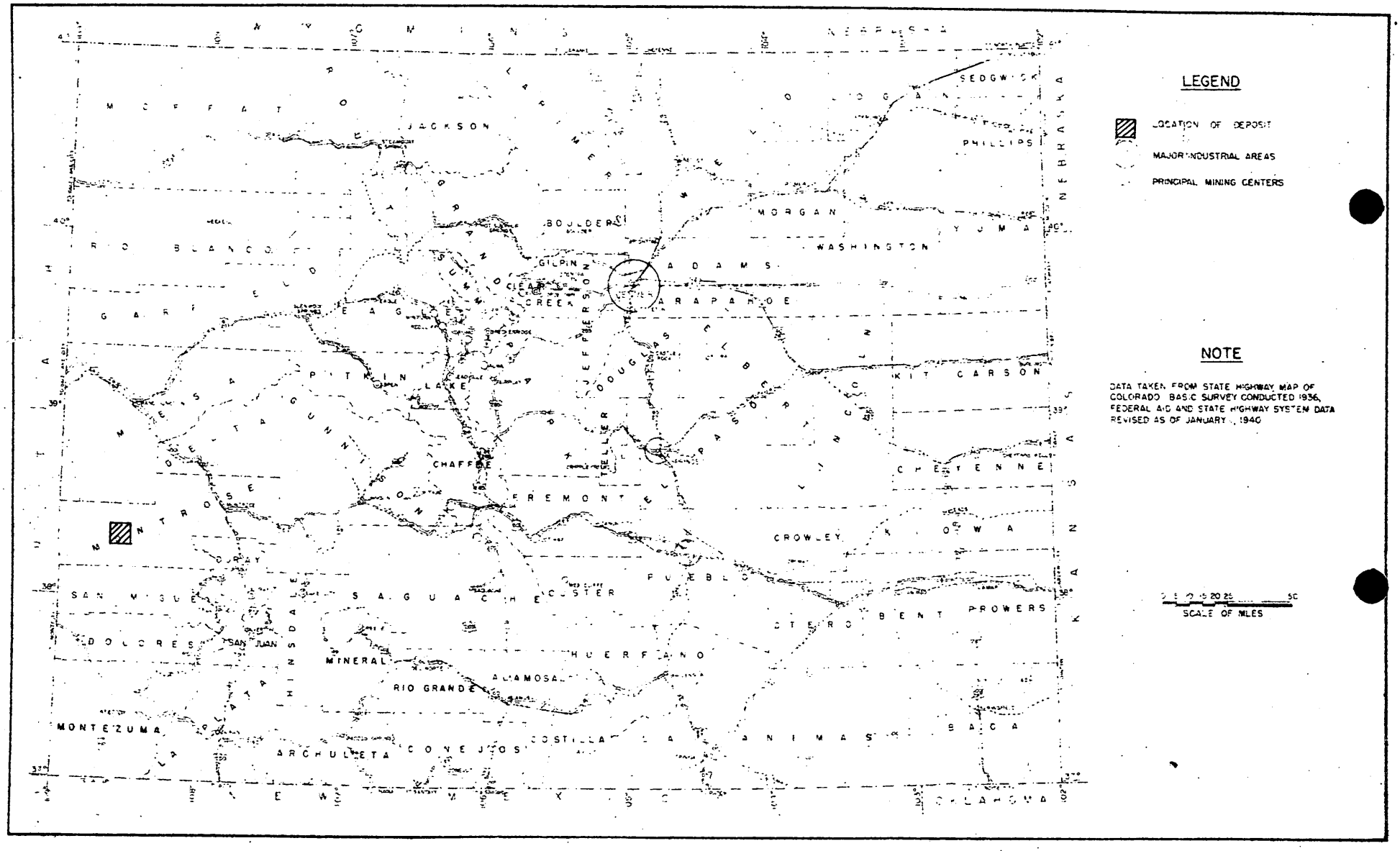

Fig 1. Location Map, Uranium Development Corportion Claims, Montrose County, Colorado, DMEA - 2618

HISTORY AND PRODUCTION

The early history and production is unknown; most of the production, however, undoubtedly came from the Blackfoot mine. From November 1951 to May 1952, the property produced 258.43 tons of ore that contained an average of 1.63 percent V_2O_5 and 0.44 percent U_3O_8. Production figures are not available for the period from May 1952 to the date of this report. Ore being mined at the examination date appeared to be higher in value than the average listed above.

DESCRIPTION OF THE DEPOSITS

On this property, uranium and vanadium mineralization occurs in the Morrison formation in three known horizons, all of which may be explored with holes not exceeding 121 feet in depth. Exposures of V_2O_5 and U_3O_8 are visible at each horizon; the lower or Blackfoot horizon, however, appears to contain more extensive mineralization. The Blackfoot mine has exposed an unusually flat and persistent zone containing vanadium and uranium oxides. This zone ranges from a fraction of an inch to about 3 feet in thickness and maintains a level constant enough to allow installation of track in all drifts. Numerous logs of small diameter containing high-grade ore have been encountered. From all indications, this ore will extend for a considerable distance from the rim where mining first commenced.

Little is known about the upper zones within the area to be explored except that vanadium and uranium mineralization is present along the exposed rims. Mining and development will not be difficult from any of the three ore zones.

OWNERSHIP

The following unpatented claims owned by the Uranium Development Corporation are considered for exploration:

Name	Recorded Book No.	Recorded Page No.	Date Filed	County
Gray Fox	201	287	7/4/29	Montrose
Rattlesnake	201	289	7/4/29	"
Big Basin No. 1	201	571	3/15/40	"
Big Basin No. 2	201	572	3/15/40	"
Fairy King	213	206	10/8/40	"
Red Fox	213	210	10/8/40	"
Rim Rock Queen	213	211	10/8/40	"
Blackfoot	213	212	10/8/40	"
Good Hope	213	213	10/10/40	"

MINEABLE ORE RESERVES

There is insufficient development or exploration to establish a mineable ore reserve for all ore horizons. The applicant estimates an indicated reserve of 1,250 tons of commercial-grade vanadium-uranium ore. This figure is not considered excessive and is more likely to be an underestimate. An equal tonnage of inferred ore may be safely added to the amount above. Based on past production, the ore probably will average 1.63 percent V_2O_5 and 0.44 percent U_3O_8.

PRESENT STATUS

Exploration and Development

The Blackfoot mine consists of approximately 1,000 feet of drifts and crosscuts. On the date of examination, mining was in progress and one wagon drill was in operation on the Blackfoot claim. Indications of diamond and wagon drilling are visible on several claims, but no record of this past work is available. Other than the Blackfoot mine, little underground exploration or development has been attempted.

Mining, Milling, and Exploration Equipment

The applicant corporation owns the following items of equipment which are available for exploration work:

	Present Value
1 - Longyear diamond drill	$4,500.00
1 - 750-gallon water tank on 1936 Chevrolet truck	1,500.00
1 - 1950 Ford pickup truck	1,200.00
1 - 1950 Le Roi 60 c.f.m. portable compressor	900.00
1 - Wagon drill on 4 x 4, 1942 Chevrolet truck with winch, Ingersoll-Rand 315 c.f.m. compressor with gas engine mounted on truck, Ingersoll-Rand air hammer S-49, 100 feet sectional steel and bits	5,000.00
1 - Ingersoll-Rand J-40 air hammer	300.00
1 - Cleveland H-66 air hammer	300.00
1 - TD International bull grader	3,500.00

No milling equipment is owned by the company. Ore is shipped to the Climax Uranium Company, Grand Junction, Colo.

PROJECT PROPOSALS, WITH COSTS

The company proposes to wagon drill 235 holes for a total footage of 16,107 feet. The drilling will be accomplished by independent contract. The company will furnish supervision, a sampler, and sampling supplies, and will bulldoze drill sites. Holes will be located on a grid pattern with centers of 100 and 150 feet as shown on figure 2. Following are the proposed holes with estimated depths:

Hole Coordinates		Estimated Depth	
North	East	Feet	Claim
5000	2000	105	Fairy King
5100	2000	100	" "
4800	2100	80	" "
5000	2100	92	" "
5200	2100	105	" "
4900	2150	84	" "
5100	2150	92	" "
4700	2250	80	" "
4800	2250	79	" "

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
4900	2250	83	Fairy King
5000	2250	86	" "
5100	2250	88	" "
5200	2250	92	" "
5300	2250	95	" "
4800	2350	83	" "
5000	2350	85	" "
5200	2350	92	" "
5400	2350	103	" "
4900	2400	84	" "
5100	2400	87	" "
5300	2400	94	" "
4900	2500	87	" "
5000	2500	84	" "
5100	2500	87	" "
5200	2500	90	" "
5300	2500	93	" "
5400	2500	100	" "
5500	2500	119	" "
5100	2600	80	" "
5300	2600	85	" "
5500	2600	114	" "
5000	2650	74	" "
5200	2650	79	" "
5400	2650	94	" "
5600	2650	120	" "
5100	2750	65	" "
5200	2750	68	" "
5300	2750	74	" "
5400	2750	88	" "
5500	2750	106	" "
5600	2750	120	" "
5000	2850	82	Big Basin No. 2
5200	2850	67	Fairy King
5400	2850	76	" "
5600	2850	110	" "
5800	2850	120	" "
6000	2850	120	Good Hope
6200	2850	121	" "
5100	2900	66	Big Basin No. 2
5300	2900	70	Fairy King
5500	2900	89	" "
5700	2900	106	" "
5900	2900	115	" "
6100	2900	120	Good Hope
5000	3000	90	Big Basin No. 2
5100	3000	66	" " " "
5200	3000	66	" " " "

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
5300	3000	67	Fairy King
5400	3000	68	" "
5500	3000	72	" "
5600	3000	82	" "
5700	3000	94	" "
5800	3000	102	" "
5900	3000	106	" "
6100	3000	115	Good Hope
6200	3000	117	" "
6300	3000	115	" "
6400	3000	84	" "
6500	3000	66	" "
5100	3100	74	Big Basin No. 2
5300	3100	68	Red Fox
5500	3100	66	Fairy King
5700	3100	85	" "
5900	3100	107	" "
6100	3100	112	Good Hope
6300	3100	108	" "
6500	3100	75	" "
5000	3150	94	Big Basin No. 2
5200	3150	73	Red Fox
5400	3150	63	Fairy King
5600	3150	70	Rattlesnake
5800	3150	100	"
6000	3150	107	"
6200	3150	110	"
6400	3150	90	"
6600	3150	74	"
5000	3250	99	Big Basin No. 2
5100	3250	83	" " " "
5200	3250	79	" " " "
5300	3250	70	Red Fox
5400	3250	60	" "
5500	3250	58	Rattlesnake
5600	3250	60	"
5700	3250	73	"
5800	3250	97	"
5900	3250	110	"
6000	3250	117	"
6100	3250	108	"
6200	3250	103	"
6300	3250	100	"
6400	3250	95	"
6500	3250	87	"
6600	3250	78	"

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
6700	3250	68	Rattlesnake
6800	3250	48	"
5000	3350	85	Big Basin No. 2
5200	3350	74	" " " "
5400	3350	55	Red Fox
5600	3350	53	Rattlesnake
5800	3350	81	"
6000	3350	101	"
6200	3350	95	"
6400	3350	85	"
6600	3350	77	"
6800	3350	60	"
5100	3400	73	Big Basin No. 2
5300	3400	56	Red Fox
5500	3400	51	Rattlesnake
5700	3400	57	"
5900	3400	88	"
6100	3400	92	"
6300	3400	86	"
6500	3400	78	"
6700	3400	75	"
6900	3400	65	"
5000	3500	63	Big Basin No. 2
5100	3500	66	" " " "
5400	3500	47	Red Fox
5500	3500	45	Rattlesnake
5600	3500	42	"
5700	3500	45	"
5800	3500	58	"
5900	3500	72	"
6000	3500	77	"
6100	3500	81	"
6200	3500	83	"
6300	3500	77	"
6400	3500	70	"
6500	3500	72	"
6600	3500	76	"
6700	3500	78	"
6800	3500	74	"
6900	3500	67	"
5100	3600	61	Big Basin No. 2
5700	3600	29	Rattlesnake
5900	3600	50	"
6100	3600	65	"
6300	3600	58	"

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
6500	3600	64	Rattlesnake
6700	3600	62	"
6900	3600	58	"
5000	3650	57	Big Basin No. 2
5600	3650	34	Rattlesnake
5800	3650	28	"
6000	3650	49	"
6200	3650	60	"
6400	3650	45	"
6600	3650	51	"
6800	3650	55	"
5000	3750	52	Big Basin No. 2
5100	3750	53	" " " "
5900	3750	18	Rattlesnake
6000	3750	30	"
6100	3750	40	"
6200	3750	44	"
6300	3750	30	"
6400	3750	22	"
6500	3750	30	"
6600	3750	34	"
6700	3750	39	"
6800	3750	43	"
6900	3750	48	"
5000	3850	42	Big Basin No. 2
6000	3850	20	Red Fox
6200	3850	48	" "
6400	3850	38	Blackfoot
6600	3850	28	"
6800	3850	35	"
5100	3900	35	Big Basin No. 2
6100	3900	40	Blackfoot
6300	3900	35	Red Fox
6500	3900	30	Blackfoot
6700	3900	31	"
4700	4000	44	Gray Fox
4800	4000	38	" "
4900	4000	33	" "
5000	4000	28	" "
5100	4000	23	" "
5200	4000	32	" "
5300	4000	52	" "
5400	4000	70	" "
5500	4000	77	" "
5600	4000	70	" "

Hole Coordinates North	Hole Coordinates East	Estimated Depth Feet	Claim
5700	4000	40	Gray Fox
5100	4100	29	" "
5300	4100	40	" "
5500	4100	80	" "
5700	4100	56	" "
5000	4150	34	" "
5200	4150	31	" "
5400	4150	30	" "
5600	4150	80	" "
4900	4250	45	" "
5000	4250	38	" "
5100	4250	37	" "
5200	4250	30	" "
5300	4250	21	" "
5400	4250	70	" "
5500	4250	83	" "
5600	4250	87	" "
5700	4250	79	" "
5800	4250	28	" "
5100	4350	69	" "
5300	4350	73	" "
5500	4350	20	" "
5700	4350	27	" "
5000	4400	29	" "
5200	4400	18	" "
5400	4400	53	" "
5600	4400	72	" "
5800	4400	38	" "
4800	4500	33	" "
4900	4500	38	" "
5000	4500	40	" "
5100	4500	26	" "
5400	4500	41	" "
5500	4500	60	" "
5600	4500	62	" "
5700	4500	63	" "
5800	4500	55	" "
5900	4500	38	" "
6000	4500	21	" "
6100	4500	19	" "
6200	4500	19	Rim Rock Queen
6300	4500	20	" " "
	Total footage	16,107	

Following are the detailed costs of the proposed drilling program:

(1) Wagon drilling 16,107 feet of holes

Contracts		
Total of 16,107 feet of holes at $0.80 per foot, including all drilling equipment and supplies, repairs, and water hauling		$12,886.00
Labor and Supervision		
Labor		
1 sampler at $1.50 per hour, including overtime, 6 months	$2,028.00	
Supervision		
1 resident engineer at $450.00 per month, prorated 3/4 to drilling and 1/4 to clearing operations, 6 months	2,025.00	4,053.00
Operating Materials and Supplies		
Sample sacks, $13.50 per 100	$ 135.00	
Wooden plugs and tags for holes	250.00	
Fuel, grease, and oil for pickup truck	125.00	
Other supplies	100.00	610.00
Operating Equipment		
Depreciation		
1 pickup truck valued at $1,200.00, depreciation at $20.00 per month, 6 months, prorated 1/2 to drilling and 1/2 to clearing		60.00
Miscellaneous		
Equipment repairs	$ 100.00	
Sample analysis	500.00	
Social security	64.00	
Workmen's compensation	127.00	
Accounting, 6 months, $50.00 per month, prorated 3/4 to drilling and 1/4 to bulldozing	225.00	1,016.00
Total cost of drilling		$18,625.00

(2) Bulldozing for drill sites

Labor and Supervision		
Labor		
1 bulldozer operator at $2.00 per hour, 450 hours	$ 900.00	
Supervision		
1 resident engineer at $450.00 per month, prorated 3/4 to drilling and 1/4 to bulldozing, 6 months	675.00	$ 1,575.00
Operating Materials and Supplies		
Fuel, grease, and oil for bulldozer	$ 600.00	
Fuel, grease, and oil for pickup truck	125.00	
Other supplies	100.00	825.00
Operating Equipment		
Depreciation		
1 TD International bulldozer valued at $3,500.00, depreciation at $58.30 per month, 6 months	$ 350.00	
1 pickup truck valued at $1,200.00, depreciation at $20.00 per month, prorated 1/2 to drilling and 1/2 to bulldozing, 6 months	60.00	410.00
Miscellaneous		
Equipment repairs	$ 200.00	
Social security	25.00	
Workmen's compensation	47.00	
Accounting, 6 months, $50.00 per month, prorated 3/4 to drilling and 1/4 to bulldozing	75.00	347.00
Total cost of bulldozing		$ 3,157.00
Total cost of program		$21,782.00

Summary of Costs

Contracts		
Total of 16,107 feet of wagon drill holes at $0.80 per foot to include all drilling equipment and supplies, repairs, and water hauling		$12,886.00
Labor and Supervision		
Labor		
1 bulldozer operator at $2.00 per hour, 450 hours	$ 900.00	
1 sampler at $1.50 per hour, including overtime, 6 months	2,028.00	
Supervision		
1 resident engineer at $450.00 per month, 6 months	2,700.00	5,628.00
Operating Materials and Supplies		
Sample sacks, $13.50 per 100	$ 135.00	
Wooden plugs and tags for holes	250.00	
Fuel, grease, and oil for bulldozer	600.00	
Fuel, grease, and oil for pickup truck	250.00	
Other supplies	200.00	1,435.00
Operating Equipment		
Depreciation		
1 TD International bulldozer valued at $3,500.00, depreciation at $58.30 per month, 6 months	$ 350.00	
1 pickup truck valued at $1,200.00, depreciation at $20.00 per month, 6 months	120.00	470.00
Miscellaneous		
Equipment repairs	$ 300.00	
Sample analysis	500.00	
Social security	89.00	
Workmen's compensation	174.00	
Accounting, 6 months, $50.00 per month	300.00	1,363.00
Total cost of program		$21,782.00
Over-all cost per foot of drilling		$1.35

If possible, the project should be set up on a short form contract basis between the Government and the Uranium Development Corporation.

CONCLUSIONS

The claims owned by the applicant company show rather extensive exposures of uranium and vanadium mineralization. A comparatively small amount of exploration and development has resulted in a fair production of ore. A drilling program as outlined in this report undoubtedly will result in additional discoveries on the group of claims.

RECOMMENDATIONS

It is recommended that the revised exploration program be approved, preferably on a short form contract basis at an over-all cost of $1.35 per foot of wagon drilling.

amh

Docket Copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

WASHINGTON 25, D. C.

November 26, 1952

Registered
56644

Memorandum

To: C. O. Mittendorf

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 2618, Contract Idm-E452, Uranium Development Corporation (Uranium)

Enclosed are the original and two copies of Contract No. Idm-E452. Copies of the contract have been given to the Operator, the Fiscal Office of Region IV, and a copy has been retained for our files.

W. H. King
W. H. King

Enclosures

Department of the Interior
Science Library
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DEC 9 - 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

PY

SURNAME COPY

Defense Minerals Exploration Administration
Robert E. Adams
2017

14X3923.970, Working Fund, Interior, DMEA
November 25, 1952
9:30 A.M.

W. H. King, Executive Officer, Region IV, 224 New Customhouse Bldg., Denver 2, Colorado, Assignment of Contract Numbers

REURTEL 11-24-52 LUPTON MINING COMPANY, INC., DMEA 2759, CONTRACT NUMBER IDM-E-451 ASSIGNED THIS CONTRACT.

URANIUM DEVELOPMENT CORPORARION, DMEA 2618, CONTRACT NUMBER IDM-E-452 ASSIGNED THIS CONTRACT.

original in Dmea 2759

ADMINISTRATOR

REAdams/meb

cc to: Adm. Reading File
Mails & Files Br.
Audits Division
Miss Curtin

Copy

1-1027
(April 1946)

UNITED STATES
DEPARTMENT OF THE INTERIOR

AGENCY Bureau of Mines, Reg. IV

Originator:

TELETYPE

Ext.: Room:

Appro.:
Date: 11/24/52
Time:
No.:
To: C. O. Mittendorf DMEA Wash.

Subject:

PLEASE ASSIGN A NUMBER TO CONTRACTS COVERING THE FOLLOWING DOCKETS--

DMEA 2759 LUPTON MINING COMPANY, INC., A COLORADO CORPORATION, GEORGETOWN, COLORADO. PROPERTY LOCATED IN CLEAR CREEK COUNTY, COLORADO, COMMODITY, LEAD, ZINC. CONTRACT DATED NOVEMBER 24, 1952. GOVERNMENT PARTICIPATION $8,000.00, TOTAL AMOUNT OF CONTRACT $16,000.00.

DMEA 2618, URANIUM DEVELOPMENT CORPORATION, A COLORADO CORPORATION, 620 E & C BUILDING, DENVER, COLORADO, PROPERTY LOCATED IN MONTROSE COUNTY, COLORADO, COMMODITY, URANIUM. CONTRACT DATED NOVEMBER 24, 1952. GOVERNMENT PARTICIPATION $19,570.00. TOTAL AMOUNT OF CONTRACT $21,744.45. PLEASE REPLY RETURN TELETYPE.

Authorized:
CONFIRMATION

W. H. King
W. H. KING

Sign original message and transmit to Room ..... in duplicate

U. S. GOVERNMENT PRINTING OFFICE 16—60915-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 17 1952

November 12, 1952

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2618, (Uranium) Uranium Development Corporation, Montrose County, Colorado

The application for Government assistance in exploration work estimated to cost $21,744.45, has been approved by us and a contract is being prepared.

Government participation will be 90 percent, or $19,570.

Four copies of the Final Report will be forwarded when the contract is processed.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Minerals

DMEA No.	Operator	Report Period	Contract No.
2618	~~Uranium Development Corp.~~ Ben L. Wright, Sr. Trustee	12-31-58 ~~12-31-59~~	~~Idm-E 4552~~

ORE ESTIMATES

	Tons	Analysis % U_3O_8	% V_2O_5
DMEA	~~3000~~	~~0.25~~	
Operator to date	~~2378.301~~		
Total	~~5378.301~~		
Production to date	~~5378.301~~	0.285	1.63
Ore in ground	—		

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Production 163 { U_3O_8 - 30,692.48
V_2O_5 - 175,389.58

49.90 % Loan repaid. Last payment on April 1959 production. Property in litigation

Prepared by ~~[illegible]~~ Date 4/27/60

31398

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado
January 22, 1960

Memorandum

TO: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Interim Report of Certified Project for the period ending December 31, 1959

Docket No. DMEA 2618 (Uranium-Vanadium)
Contract No. Idm-E452
Uranium Development Corporation
(Blackfoot group)
Montrose County, Colorado

Enclosed are the original and two copies of the subject report.

J. W. Townsend

Enclosures

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 25 1960

DATE	INITIALS	CODE
1-25	gad	220
"	JEJ	110
"	EEF	800
1/26	Murphy	~~500~~
		225

Semiannual Report of Certified Projects

Reporting Period ending December 31, 1959

Docket and Contract Number DMEA 2618, Contract Idm-E452

Operator Uranium Development Corporation

Commodity Uranium - Vanadium

Mine Name Blackfoot group

County and State Montrose County, Colorado

Date of Contract November 24, 1952

Date of Certification October 21, 1953

Expiration Date of Royalty Payments November 24, 1962

Date of Examination for this Report See Ben Wright's letter of 1/15/60, attached hereto. Not inspected by the Engineer

Total Amount of Contract $21,744.45

Total Expenditures under Contract $21,744.45

Amount of Government Participation at 90 % $19,570.00

Royalty Payments this Period -- $374.08

Previous Royalty Payments -- $9,391.29

Total Royalty Payments to Date $9,765.37

% Loan Repayment Completed 49.90%

Amount of Royalty Due $4.52

Royalty Remarks Ben Wright has been notified that $4.52 is due.

	Tons	Analysis	Pounds
Original Estimate of DMEA Reserve (Field Team Final Report) Mines [ ] Survey [ ] Joint [ ]	3,000	0.25% U_3O_8	15,000
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	No revision		
Increase of Reserves by work performed subsequent to DMEA project work			

		Tons	Pounds U_3O_8	Pounds V_2O_5
Production DMEA ore	(This period)			
	(Previous)			
	(To Date)	5,378.301	30,697.48	-175,389.58
" Operator's ore found subsequent to DMEA work	(This period)			
	(Previous)			
	(To Date)			

Percent Revised Reserves Mined _____

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [ ] Applied for [ ] Rec'ing pmt [ ] Paid up [X]

Pounds U_3O_8 produced this period eligible for Bonus _____

Amount of Bonus paid to Operator this period $ _____

Total pounds U_3O_8 produced to date eligible for Bonus _____

Total amount of Bonus paid to Operator to date $ _____

Bonus Royalty Paid $ _____

Bonus Royalty Due $ None

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks

Signed H. M. Connors (Engineer)
H. M. Connors

OME
DEPARTMENT OF THE INTERIOR
JAN 18 1960
REGION III
DENVER, COLORADO

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
710 OYMCO BUILDING
DENVER 2, COLORADO
ACOMA 2-2821

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 25 1960

DATE	INITIALS	CODE

January 15, 1960

Mr. James Townsend
c/o Office of Minerals Exploration
Department of Interior
Denver Federal Center
Denver, Colorado

Re: Contract No. IDM-E 452

Dear Mr. Townsend:

I know of no production on the property covered under Contract No. IDM-E 452 since settlement made March 22, 1959, under Liquidation Order No. 9251. This was, to the best of my knowledge, the settlement on the final shipment made under lease to Thermer Labrum.

Several individuals have indicated that they wished to obtain a lease on the property. However, due to the overstaking by Richard V. Ensle and another individual, it has been my opinion that I could not safely lease the property until the question of ownership is fully resolved. Richard V. Ensle and Four Corners Oil and Minerals Company filed a contest before the Bureau of Land Management. I have filed an answer. A copy of the answer has been furnished you. I have also loaned you my copy of the complaint, so that you could reproduce it.

I have been informed that the United States Circuit Court of Appeals for the Northern District of California has under consideration a case which could throw considerable light on the contest which we are engaged in. I had anticipated that a decision in that case in California would have been reached before now. I do anticipate that a decision will be reached in the relatively near future. At that time, negotiations towards a settlement in the contest at hand should go forward.

If negotiations are not satisfactory to me, I will probably proceed with the contest which has been filed in the Bureau of Land Management. I am of the opinion that the factual situation involved in the contest in which I am involved is far stronger for my side than is the factual situation under consideration by the Circuit Court of Appeals. In other words, I feel that the case in which I am involved in before the Bureau of Land Management should be won regardless of the outcome of the California case.

Yours very truly,

Ben L. Wright, Jr.

BLW/bj

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Rare & Miscellaneous Metals

Report Period 7/1/58-12/31/58

DMEA No.	Operator	Contract No.
2618	Ben L. Wright, Jr. Trustee (Assignee) (Uranium Development Corporation (Assignor)	Idm-E452

ORE ESTIMATES

	Tons	Analysis
DMEA	3000	0.25% U_3O_8
Operator to date	2,152	" "
Total	5,152	" "
Production to date	5,152	" "
Ore in ground	—	

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts	5'x7'		2,000	$30,000
Raises				
Drilling	Type Wagon	2½"	20,000	15,000
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads	2 miles access road	—

REMARKS

Prepared by Michael Ching Date 4-15-59

31398

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

April 9, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 13 1959

DATE		CODE
4/13	C	220
"	JEJ	110
"	[illegible]	800
4/14	Ching	700

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, ~~Region~~ III

Subject: Semiannual Report of Certified Project for the period July 1, 1958 through December 31, 1958

DMEA Docket 2618 (Uranium-vanadium)
Contract Idm-E 452 (Blackfoot Group)
(Uranium Development Corporation, Assignor), Ben L. Wright, Jr., Trustee, Assignee
Montrose County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

J. W. Townsend

J. W. Townsend

Enclosures
HMC/ff

cc: Semiannual Report File Idm-E452
Harshman
Robertson
Chron.

Semiannual Report of Certified Projects

Reporting Period July 1, 1958 - December 31, 1958

Docket and Contract Number DMEA 2618, Contract Idm-E452

Operator Uranium Development Corporation

Commodity Uranium-vanadium

Mine Name Blackfoot Group (Blackfoot, Good Hope, Rattlesnake, Red Fox claims)

County and State Montrose County, Colorado

Date of Contract November 24, 1952

Date of Certification October 21, 1953

Expiration Date of Royalty Payments November 24, 1962

Date of Examination for this Report February 18, 1959

Total Amount of Contract $ 21,744.45

Total Expenditures under Contract $ 21,744.45

Amount of Government Participation at 90 % $ 19,570.00

Royalty Payments this Period $ 20.80

Previous Royalty Payments $ 9,370.49

Total Royalty Payments to Date $ 9,391.29

% Loan Repayment Completed 47.99%

Amount of Royalty Due

Royalty Remarks The Operator has not stockpiled production subject to OME royalty.

	Tons	U_3O_8	Analysis	V_2O_5
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [X] Survey [X] Joint [ ]	3000	0.25%		
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	No revision			
Increase of Reserves by work performed subsequent to DMEA project work				
Production DMEA {conc / ore} (This period)	65.155			
(Previous)	5,087.200			
(To Date)	5,152.355			
" Operator's {conc / ore} (This period)				
(Previous)				
(To Date)				

Percent Revised Reserves Mined _____

(For Uranium Ores Only)

Initial Production Bonus:

Status Operator: Ineligible [ ] Not Applied [ ] Applied [ ] Rec'ing pmt [ ] Pd up [X]

Pounds U_3O_8 produced this period eligible for Bonus: None

Amount of Bonus paid to Operator this period: $ None

Total pounds U_3O_8 produced to date eligible for Bonus: 10,000

Total amount of Bonus paid to Operator to date: $ 35,000

Bonus Royalty Paid $ 483.41

Bonus Royalty Due $ None

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost
						5x7	2,000	$30,000

Raises Size	Raises Feet	Raises Cost	Rehabilitation Description	Rehabilitation Cost	Drilling Type & Size	Drilling Feet	Drilling Cost
					Wagon $2\frac{1}{2}$"	20,000	$15,000

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost
				Access road 2 miles	?

Remarks

Signed N. J. Robertson (Engineer)

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Rare and Miscellaneous Metals

Report Period 1/1/58 thru 6/30/58

DMEA No.	Operator	Contract No.
2618	Uranium Development Corporation	Idm-E452

ORE ESTIMATES

	Tons	Analysis
DMEA	3,000	0.25 % U_3O_8
Operator to date	2,087	" "
Total	5,087	" "
Production to date	5,087	" "
Ore in ground	—	

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts	5'x7'		1,800	$27,000
Raises				
Drilling	Type	Wagon	20,000	15,000
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads	2 miles access roads	—

REMARKS

Prepared by Michael Ching Date 11-6-58

31398

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~DEFENSE MINERALS EXPLORATION ADMINISTRATION~~
OFFICE Of MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado

November 3, 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED 1958

DATE		
11/5	C	220
"	~~749~~	110
11/6	6	800
	mc	700

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Semiannual Report of Certified Project for the Period January 1, 1958 through June 30, 1958

DMEA Docket 2618 (Uranium-Vanadium) Contract Idm-E452, Uranium Development Corporation, (Blackfoot, Good Hope, Rattlesnake, and Red Fox claims) Montrose County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of operating Committee Meeting No. 692.

Enclosures

J. W. Townsend

Semiannual Report of Certified Projects

Reporting Period January 1, 1958 -- June 30, 1958

Docket and Contract Number DMEA 2618, Contract Idm-E 452

Operator Uranium Development Corporation

Commodity Uranium-Vanadium

Mine Name Blackfoot Group (Blackfoot, Good Hope, Rattlesnake, and Red Fox claims)

County and State Montrose, County, Colorado

Date of Contract November 24, 1952

Date of Certification October 21, 1953

Expiration Date of Royalty Payments November 24, 1962

Date of Examination for this Report August 13, 1958

Total Amount of Contract $21,744.45

Total Expenditures under Contract $21,744.45

Amount of Government Participation at 90 % $19,570.00

Royalty Payments this Period $369.54

Previous Royalty Payments $9,000.95 (from Royalty Report Summary) dated December 31, 1957

Total Royalty Payments to Date $9,370.49 (from Royalty Report Summary) dated June 30, 1958

% Loan Repayment Completed 47.48%

Amount of Royalty Due None

Royalty Remarks

The operator has not stockpiled production subject to DMEA royalty.

	Tons	U_3O_8 Analysis	V_2O_5
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [X] Survey [X] Joint [ ]	3000	0.25%	
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	No revision		
Increase of Reserves by work performed subsequent to DMEA project work	—	—	—
Production DMEA ~~conc~~ ore (This period)*	191.860	0.21%	1.23%
(Previous)	4895.340	0.29%	1.71%
(To Date)	5087.200	0.29%	1.69%
" Operator's conc ore (This period)			
(Previous)			
(To Date)			

*Starting w/liq. 1074
Ending w/liq. 8217

Percent Revised Reserves Mined _____

(For Uranium Ores Only)

Initial Production Bonus:

Status Operator: Ineligible [ ] Not Applied [ ] Applied [ ] Rec'ing pmt [ ] Pd up [X]

Pounds U_3O_8 produced this period eligible for Bonus: None

Amount of Bonus paid to Operator this period: $ None

Total pounds U_3O_8 produced to date eligible for Bonus: 10,000

Total amount of Bonus paid to Operator to date: $ 35,000

Bonus Royalty Paid $ 483.41

Bonus Royalty Due $ None

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost
						5x7	1,800	$27,000

Raises Size	Raises Feet	Raises Cost	Rehabilitation Description	Rehabilitation Cost	Type & Size	Drilling Feet	Drilling Cost
					Wagon $2\frac{1}{2}$"	20,000	$15,000

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost
				2 miles access roads	?

Remarks

Production for period checks with AEC records.

Signed H. J. Robertson (Engineer)

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of **Rare and Miscellaneous Metals**

Report Period 7/1/57-12/31/57

DMEA No.	Operator	Contract No.
2618	**Uranium Development Corporation**	452

ORE ESTIMATES

	Tons	Analysis
DMEA	3,000	0.25% U_3O_8
Operator to date	1,895	" "
Total	4,895	" "
Production to date	4,895	" "
Ore in ground	—	

INVESTMENT Not available

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Prepared by Michael Ching Date 3/31/58

31398

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

March 21, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 24 1958

DATE		CODE
3/24	C	220
3/24	Com	100
"	JG	110
3/25	EED	800
3/28	~~Chang~~	700

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1957 through December 31, 1957

DMEA Docket 2618
Contract Idm-E 452
Uranium Development Corporation (Black Foot claims)
Montrose County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

JW Sunnical
for W. H. King
Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM:dp

Tonnage & grade exceed estimates

cc: Semiannual Report File E 452
DMEA/GJ
Hasler
Harshman
Chron.

Semiannual Report of Certified Projects

Reporting Period July 1, 1957 through December 31, 1957

Docket and Contract Number DMEA 2618, Contract Idm-E452

Operator Uranium Development Corporation

Commodity Uranium-vanadium

Mine Name Blackfoot Group (Blackfoot, Good Hope, Rattlesnake, and Red Fox claims)

County and State Montrose County, Colorado

Date of Contract November 24, 1952

Date of Certification October 21, 1953

Expiration Date of Royalty Payments November 24, 1962

Date of Examination for this Report March 11, 1958

Total Amount of Contract $21,744.45

Total Expenditures under Contract $21,744.45

Amount of Government Participation at 90 % $19,570.00

Royalty Payments this Period $441.94

Previous Royalty Payments $8,559.01

Total Royalty Payments to Date $9,000.95

% Loan Repayment Completed 45.99%

Amount of Royalty Due None

Royalty Remarks Production for period checks with AEC records. The operator does not stockpete production subject to DMEA royalty.

	Tons	Analysis	
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [X] Survey [X] Joint [ ]	3,000	9.25%	U_3O_8
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	No revision		
Increase of Reserves by work performed subsequent to DMEA project work			

		Tons	U_3O_8	V_2O_5
Production DMEA conc/ore	(This period)	* 330.50	0.19%	1.27%
	(Previous)	4,564.83	0.30%	1.74%
	(To Date)	4,895.33	0.29%	1.71%
" Operator's conc/ore	(This period)			
	(Previous)			
	(To Date)			

*Starting w/liq. 7476
Ending w/liq. 11-28/12-31
(AEC-0061)

Percent Revised Reserves Mined ~~163%~~

(For Uranium Ores Only)

Initial Production Bonus:

Status Operator: Ineligible [ ] Not Applied [ ] Applied [ ] Rec'ing pmt [ ] Pd up [X]

Pounds U_3O_8 produced this period eligible for Bonus		None
Amount of Bonus paid to Operator this period		$ None
Total pounds U_3O_8 produced to date eligible for Bonus		10,000
Total amount of Bonus paid to Operator to date		$ 35,000
Bonus Royalty Paid	$ 483.41	
Bonus Royalty Due	$ None	

Investment Data

Not available for this report

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	Rehabilitation Description	Rehabilitation Cost	Type & Size	Drilling Feet	Drilling Cost

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks

Signed H. F. Robertson (Engineer)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Misc. Metals Division Date 9-26-57
9-23-57

Semi-Annual Report - Certified Project Date 1-1 to 6-30-57

DMEA No. 2618 Operator Uran. Development Corp. Contract No. Idm-E 452

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	3,000	0.25% U_3O_8
Increase (Operator)	1,478	" "
Total	4,478	" "
Decrease (Production)	4,478	" "
Net Available	—	—

Investment

None Reported

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Michael Ching

100338

ACTION ON INTERIM
MATERIAL FIELD NEA REPORT
Date 4/25/57

Referred to:

1. ~~Mr. Spriendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files
5.
6. Docket Control Mails and Files Divisi

Note comments in report regarding:

1. Tonnage & grade exceed orig estimates
2.
3.
4. Royalties due

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 25 1957

DATE	INITIALS	CODE
9/26	C	220
26	Com	100

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

September 23, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1957 through June 30, 1957
DMEA Docket 2618 (Uranium-Vanadium)
Contract Idm-E 452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

J W Forrnwald

Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures
MHM/vj

cc: Semiannual Report File E 452
DMEA/G.Jct.
DMEA/DFC
Harshman
Hasler
Chron.

Semiannual Report of Certified Projects

Reporting Period	January 1, 1957 through June 30, 1957
Docket and Contract Number	DMEA 2618, Contract Idm-E452
Operator	Uranium Development Corporation
Commodity	Uranium-Vanadium
Mine Name	Blackfoot Group(Blackfoot, Good Hope, Rattlesnake and Red Fox Claims)
County and State	Montrose County, Colorado
Date of Contract	November 24, 1952
Date of Certification	October 21, 1953
Expiration Date of Royalty Payments	November 24, 1962
Date of Examination for this Report	September 4, 1957
Total Amount of Contract	$21,744.45
Total Expenditures under Contract	$21,744.45
Amount of Government Participation at 90 %	$19,570.00
Royalty Payments this Period	$ 976.63
Previous Royalty Payments	$7,582.38
Total Royalty Payments to Date	$8,559.01
% Loan Repayment Completed	43.74%
Amount of Royalty Due	?

Royalty Remarks Royalty is due on a total of 264.59 tons mined between 8/56 and 6/57. Request for royalties on foregoing made by our letter dated September 11, 1957.

	Tons	Analysis	
Original Estimate of DMEA Reserve (Field Team Final Report) Mines [X] Survey [X] Joint [ ]	3,000	0.25% U_3O_8	
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	No revision		
Increase of Reserves by work performed subsequent to DMEA project work	1,000	0.25% U_3O_8	
		U_3O_8	V_2O_5
Production DMEA ore (This period)	* 758.22	0.19%	1.33%
(Previous)	3,720.00	0.32%	1.75%
(To Date)	4,478.22	0.30%	1.68%
" Operator's ore (This period) found subsequent (Previous) to DMEA work (To date)			

Percent Revised Reserves Mines 112%

* Starting w/Liq. No. 7038
Ending w/Liq. No. 7417

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [ ] Applied for [ ] Rec'ing pmt [ ] Paid up [X]

Pounds U_3O_8 produced this period eligible for Bonus	None
Amount of Bonus paid to Operator this period	$ None
Total pounds U_3O_8 produced to date eligible for Bonus	10,000
Total amount of Bonus paid to Operator to date	$ 35,000.00
Bonus Royalty Paid	$ 483.41
Bonus Royalty Due	$ None

Investment Data Not available for this report

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Signed H. F. Robertson (Engineer)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Misc. Metals Division Date April 2, 1957

Semi-Annual Report - Certified Project Date July 1, 1956 thru Dec. 31, 1956

DMEA No. 2618 Operator Uranium Development Corp. Contract No. Idm-E

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	3000	0.25 % U_3O_8
Increase (Operator)	1000	"
Total	4000	"
Decrease (Production)	3682	"
Net Available	318	"

Investment None reported

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Original DMEA analysis adjusted to 0.25% U_3O_8 from 0.15%.

Michael Ching

100338

ACTION ON INTER[illegible]
OR FINAL FIELD TEAM [illegible]ORT
Date 4-1

Referred to:
1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files Division
5.
6. Docket Control Mails and Files

Note comments in report regarding:
1. Grade up over orig est.
2.
3.
4.

and take appropriate action.
- - - - - - - - - -

Action taken by Division:

Robert E. Adams

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

March 29, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED APR 1 1957

DATE	INITIALS	CODE
4/1	C	220
4/2	Com	100

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region ~~III~~

Subject: Semiannual Report of Certified Project for the period July 1, 1956 through December 31, 1956
DMEA Docket 2618 (Uranium-Vanadium)
Contract Idm-E 452, Uranium Development Corporation (Blackfeet Group), Montrose County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

E. M. Harshman

for W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM/vj

cc: Semiannual Report File E 452
J. F. Shaw (2)
Harshman
Hasler
Chron.

Semi-Annual Report of Certified Projects

DMEA
DEPARTMENT OF THE INTERIOR
MAR 20 1957
REGION III
DENVER, COLORADO

Reporting Period **July 1, 1956 through December 31, 1956**

Docket and Contract Number **DMEA 2618, Contract Idm-E452**

Operator **Uranium Development Corporation**

Commodity **Uranium-Vanadium**

Mine Name **Blackfoot Group (Blackfoot, Good Hope, and Red Fox claims)**

County and State **Montrose County, Colorado**

OFFICIAL FILE COPY
D.M.E.A.
RECEIVED APR 1 1957

DATE	INITIALS	CODE

Date of Contract **November 24, 1952**

Date of Certification **October 21, 1953**

Expiration Date of Royalty Payments **November 24, 1962**

Date of Examination for this Report **January 30, 1957**

Total Amount of Contract **$21,744.45**

Total Expenditures under Contract **$21,744.45**

Amount of Government Participation at 90 % **$19,570.00**

Royalty Payments this Period **$733.03**

Previous Royalty Payments **$6,849.35**

Total Royalty Payments to Date **$7,582.38**

% Loan Repayment Completed **38.74**

Amount of Royalty Due **None**

Royalty Remarks

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [X] Survey [X] Joint [ ]	3,000	0.25% U_3O_8
Revised Estimate of DMEA Reserves (Field Team) Mines [X] Survey [ ] Joint [ ]	1,000	
Increase of Reserves by work performed subsequent to DMEA project work	1,000	0.25% U_3O_8

		U_3O_8	V_2O_5
Production DMEA ore	(This period)	801.27	0.22% 1.41%
	(Previous)	2,880.66	0.35% 1.81%
	(To date	3,681.93	0.32% 1.72%
" Operator's ore found subsequent to DMEA work	(This period) 1/	---	---
	(Previous)	---	---
	(To date)	---	---

Percent Revised Reserves Mines 92.0%

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [ ] Applied for [ ] Rec'ing pmt [ ] Paid up [x]

Pounds U_3O_8 produced this period eligible for Bonus none

Amount of Bonus paid to Operator this period $ none

Total pounds U_3O_8 produced to date eligible for Bonus 10,000

Total amount of Bonus paid to Operator to date $ 35,000.00

Bonus Royalty Paid $ ~~pd. up~~ 483.41

Bonus Royalty Due $ none

Investment Data **Not available for this report.**

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks

1/ Note: No segregation is made of ore shipped from the mines. All production is from property subject to royalty payments.

Signed [signature] (Engineer)

H. F. Robertson

TABLE 1 -- Ore shipments from claims subordinated under Docket DMEA 2618, Contract Idm-E452 as shown in AEC production records. Reporting Period: July 1, 1956 -- Dec. 31, 1956.

Liq. No.	Date	Dry Tons	U_3O_8 %	U_3O_8 lbs.	V_2O_5 %	V_2O_5 lbs.
	Claim - Blackfoot		Shipper - J. E. Longwill, Sr.			
None	8-56	19.12	0.17	64.97	0.84	321.00
	Claim - Blackfoot		Shipper - Uranium Dev. Co.			
6851	9-56	5.57	0.26	28.97	1.54	171.62
6871	9-56	13.18	0.27	69.90	1.61	424.86
6897	10-56	6.96	0.26	36.19	1.87	260.28
6899	10-56	22.30	0.11	50.54	1.01	448.89
6902	10-56	25.09	0.17	83.40	1.61	808.19
6944	11-56	13.03	0.20	52.27	1.73	451.78
6964	11-56	87.95	0.15	259.15	1.13	1,981.61
6994 1/	12-56	60.54	0.12	141.24	0.84	1,012.93
7018 1/	12-56	29.26	0.13	73.92	1.21	705.64
	Claim - Good Hope		Shipper - Devar Shumway			
None	8-56	15.83	0.39	122.58	2.30	729.00
8074	9-56	17.46	0.27	93.03	2.05	717.00
	Claim - Good Hope		Shipper - Uranium Dev. Co.			
6852	9-56	53.37	0.30	322.43	2.10	2,241.90
6872	9-56	43.02	0.28	242.47	1.89	1,625.34
6896	10-56	25.64	0.22	113.64	1.48	760.73
6904	10-56	18.64	0.31	115.41	2.03	756.29
6943	11-56	47.77	0.34	320.60	2.08	1,985.64
6965	11-56	43.42	0.20	172.69	1.45	1,262.48
6993	12-56	31.03	0.25	154.97	1.70	1,058.06
7017	12-56	29.26	0.27	158.98	1.95	1,146.00
	Claim - Red Fox		Shipper - J. E. Longwill, Sr.			
None	9-56	34.20	0.15	103.19	1.06	727.00
	Claim - Red Fox		Shipper - Uranium Dev. Co.			
6870	9-56	13.80	0.20	55.18	1.05	289.70
6898	10-56	28.57	0.18	105.17	1.06	603.34
6903	10-56	27.73	0.23	127.61	1.21	671.17
6945	11-56	24.45	0.30	146.36	0.90	441.82
6966	11-56	12.26	0.28	68.63	0.85	208.34
6992	12-56	26.21	0.27	140.39	0.77	401.64
7016	12-56	25.61	0.19	99.90	0.78	402.04
Total July 1 -- Dec. 31, 1956		801.27	0.22	3,523.78	1.41	22,614.29

Note:
1/ The producing claim on liquidations 6994 and 7018 is listed as "South Blackfoot" in AEC production records for December, 1956, and refers to the position of the mine on the "Blackfoot" claim.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare and Miscellaneous Metals Division Date September 18, 1956

Semi-Annual Report - Certified Project Date Jan. 1, 1956 thru June 30, 1956

DMEA No. 452 Operator Uranium Dev. Corp. Contract No. Idm-E 452

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	3,000.00	0.15 % U_3O_8
Increase (Operator)	1,000	0.25 % "
Total	4,000	–
Decrease (Production)	2,880	0.35 % U_3O_8, 1.81 V_2O_5
Net Available	1,120	–

Investment None

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

No shipments in second quarter of 1956.

Michael Ching

100338

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

RECEIVED
SEP 17 1956

224 New Customhouse
Denver 2, Colorado

Date: September 13, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1956 through June 30, 1956
DMEA Docket 2618 (Uranium)
Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office and Memorandum 29.

Note: 1. With reference to amount entered after item "Amount of Royalty Due", see our memo to J. F. Shaw dtd 9/13/56.
2. Date for which totals are shown in Table 1, is November 24, 1952 through June 30, 1956 as corrected herein.
3. Production figures reported by Operator and AEC are not in complete agreement.

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures
MHM/vj
cc: Semiannual Report File E 452
Royalty File E452
J. F. Shaw (2)
E. N. Harshman
J. W. Hasler
Chron.

2618

ACTION ON IN[illegible]IM
OR FINAL FIELD TEAM REPORT
Date 9-17

Referred to:

1. ~~[illegible]~~
2. ~~Mr. Johnson~~
3. ~~Mr. [illegible]~~
4. ~~Docket Control Mails and Files~~
5. ~~[illegible] Division~~
6. Docket Control Mails and Files

Note comments in report regarding:

1. Changes in Ore Reserves
2.
3.
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:
See "Ore Reserve" sheet, dated 9/18/56
sent to Mr. Dakan

Robert E. Adams

Semiannual Report of Certified Projects

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SEP 17 1956

Reporting Period January 1 - June 30, 1956

Docket and Contract Number DMCA 2618, Contract 1dm-2452

Operator Uranium Development Corporation

Commodity Uranium - vanadium

Mine Name Blackfoot group (Blackfoot, Good Hope, Fairy King, Rattlesnake claims, and 3 others

County and State Montrose County, Colorado

Date of Contract November 24, 1952

Date of Certification October 21, 1953

Expiration Date of Royalty Payments November 24, 1962

Date of Examination for this Report August 16, 1956

Total Amount of Contract $21,744.45

Total Expenditures under Contract $21,744.45

Amount of Government Participation at 90 % $19,570.00

Royalty Payments this Period $1850.45

Previous Royalty Payments $4998.90

Total Royalty Payments to Date $6849.35

% Loan Repayment Completed 35.0

Amount of Royalty Due $12,720.65

Royalty Remarks

	Tons	Content U_3O_8 percent	Content U_3O_8 pounds
Original Estimate of Reserves (indicated) (from Final Engr.-Geol. Report):	3000	0.25	9000.00
Increase of Reserves by work performed subsequent to expiration or termination of contract:	± 1000	0.25	5000.00
Revised Estimate of Reserves:	4000		14,000.00

				V_2O_5 percent	V_2O_5 pounds
Production this Period (Ore or Concentrates)	57.61	0.46	530.29	2.52	2901.17
Amount of Previous Production (since date of contract)	2823.05	0.34	19,392.80	1.80	101447.96
Total DMEA Production to date	2880.66	0.35	19,923.09	181	104349.13

% of Revised Reserves Mined 72.0

Production Remarks:

Note: On Uranium projects check with AEC to assure that our records are in agreement with theirs.

Production figures listed are from AEC records (see Table 1 attached) No shipments are shown in Apr., May, or June 1956. Settlement sheets on shipments for which DMEA royalty has been paid can be compared lot by lot with Table 1.

Other Remarks:

Most of the shipments made prior to January 1, 1954 were mined by lessees other than Uranium Development Corp. However, they are shown in AEC records as having come from claims subordinated under contract Idm-E452 and are dated after November 24, 1952, the date of the contract.

Signed _____ (Engineer)
M. H. Salsbury

Table 1 - Shipments from claims subordinated under Docket DMEA 2618, Contract Idm-E 452, as shown in AEC production records, reporting period, November 24, 1952 through June 30, 1956

Liq. No.	Date		Dry Tons	U_3O_8 percent	U_3O_8 pounds	V_2O_5 percent	V_2O_5 pounds
		Claim - Blackfoot Shipper - G. Spanicek and L. Randall					
614	2-53		29.47		112.34		837.42
4366	3-53		30.64		186.00		992.03
4317	3-53		52.32		221.89		1511.18
4464	4-53		39.88		267.22		1663.99
4544	4-53		60.22		319.64		2009.60
4577	5-53		30.06		160.20		1083.78
4671	5-53		32.65		272.12		1489.03
4740	6-53		41.15		290.32		1538.54
4769	6-53		41.09		326.35		1590.48
4860	7-53		20.82		131.01		716.14
4895	7-53		20.90		154.64		695.94
4958	8-53		31.10		255.25		987.25
4992	8-53		20.50		114.75		569.95
5061	9-53		11.13		44.52		336.16
5139	9-53		19.81		69.57		744.07
		Claim - Gray Fox Shipper - Uranium Development Co.					
4420	3-53		5.58	0.11	12.29	1.23	137.38
		Claim - Gray Fox Shipper - David and David					
-	4-53		7.48	0.07	10.48	0.92	138.00
-	5-53		8.17	0.17	27.79	1.20	196.00
		Claim - Red Fox Shipper - G. Spanicek and L. Randall					
613	2-53		30.13		125.20		756.32
Shipper-	4th - 53	Blackfoot	19.58	0.23	90.23	1.23	483.44
not -	4th - 53	Rattlesnake	20.06	0.91	364.65	2.78	1114.36
given -	1st - 53	"	9.94	0.59	117.23	1.81	360.00
-	1st - 54	Blackfoot	1.59	0.48	15.23	2.00	63.46
-	1st - 54	Rattlesnake	261.44	0.67	3488.21	2.54	13280.25
-	1st - 54	"	149.41	0.49	1452.03	2.01	6000.00
-	1st - 54	"	9.39	0.50	93.94	2.10	394.55
		Blackfoot Shipper - Uranium Development Co.					
1173	4-54		51.92	0.18	186.93	1.09	1133.60
1270	5-54		17.27	0.20	68.38	1.18	407.76
1212	5-54		7.24	0.23	33.32	1.29	186.87
1289	6-54		8.92	0.29	51.76	1.37	244.50
		Fairy King Shipper- Uranium Development Co.					
-	2nd - 54		1.16	1.63	37.70	1.47	34.00
5618	4-54	Rattlesnake	18.33	0.62	228.98	3.24	1189.04
5623	4-54	"	96.45	0.28	549.28	1.63	3152.22
5653	5-54	"	122.19	0.26	643.88	1.59	3892.27
5736	6-54	"	61.05	0.19	237.81	1.61	1960.08
-	5-54	"	87.90	0.29	510.90	1.60	2817.00
5740	6-54	"	47.66	0.16	152.22	1.47	1402.00
1271	5-54	"	16.82	0.32	108.29	1.85	622.93
1374	8-54	Blackfoot	6.15	0.37	45.54	1.63	200.60
1432	9-54	Fairy King	.12	11.55	27.73	3.93	9.42
5827	8-54	Good Hope	41.28	0.27	220.34	2.20	1816.42
5867	9-54	"	47.46	0.29	275.51	2.23	2112.94

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Shipper - Uranium Developme[illegible] Co.

5990	9-54 Good Hope	42.92	0.24	20[illegible].13	1.86	1600.00
5783	7-54 Rattlesnake	35.63	0.42	297.42	2.42	1727.88
5811	7-54 "	52.13	0.44	458.44	2.22	2319.00
5793	8-54 "	20.09	0.19	78.15	1.45	581.90
5826	8-54 "	69.34	0.24	336.93	1.61	2235.09
1433	9-54 "	20.64	0.19	80.30	1.32	544.27
5885	10-54 Good Hope	11.57	0.50	115.67	2.61	603.79
5896	10-54 "	32.74	0.72	474.32	3.39	2220.24
5937	11-54 "	10.25	0.64	131.17	2.97	608.73
5944	11-54 "	32.66	0.46	299.75	2.52	1644.33
6004	12-54 "	42.43	0.23	199.30	1.78	1507.89
5984	12-54 "	54.50	0.28	306.90	1.89	2061.78
5886	10-54 Rattlesnake	10.51	0.56	117.75	2.26	475.19
6003	12-54 "	17.15	0.19	63.47	1.17	399.70
5983	12-54 "	39.98	0.29	233.81	1.77	1412.50
6038	1-55 Good Hope	7.60	0.25	38.00	1.92	291.85
6030	1-55 "	20.21	0.19	78.80	1.55	628.36
6088	3-55 "	18.53	0.33	122.11	2.22	823.99
6113	3-55 "	64.87	0.29	374.58	2.14	2781.49
6029	1-55 Rattlesnake	45.54	0.30	276.55	1.27	1159.26
6037	1-55 "	62.18	0.39	491.15	1.63	2029.72
6061	2-55 "	17.38	0.21	74.54	1.33	463.23
6153	4-55 Good Hope	10.48	0.38	79.63	2.50	523.89
6125	4-55 "	53.79	0.30	321.69	2.20	2363.07
6182	5-55 "	11.25	0.37	83.22	2.49	560.02
6203	5-55 Rattlesnake	9.63	0.47	90.51	1.11	213.75
6181	5-55 "	11.77	0.21	49.42	1.20	282.38
6251	6-55 "	32.81	0.21	137.53	0.83	541.93
6218	6-55 "	52.47	0.32	339.65	0.86	906.32
6259	6-55 "	65.33	0.22	292.62	0.97	1267.49
6399	11-55 Good Hope	12.43	0.24	59.66	2.44	606.54
6416	11-55 "	21.13	0.25	106.24	2.20	931.67
6439	12-55 "	20.08	0.37	148.69	2.38	954.84
6470	12-55 "	34.92	0.27	189.84	2.20	1539.49
6378	10-55 Rattlesnake	102.99	0.20	409.19	1.04	2142.88
6471	12-55 "	18.69	0.35	128.99	1.67	622.53
Total November 24, 1952 through December 31, 1955		2,823.05	0.34	19,392.80	1.80	101,447.96
6470	1-56 Good Hope			4.23		266.77
6522	1-56	11.57	0.30	69.41	2.27	525.20
6492	1-56	21.47	0.35	148.51	2.73	1173.70
6579	3-56	24.57	0.63	308.14	1.90	935.50
Total* January 1 through June 30, 1956		57.61		530.29		2901.17
Total October 1953 through June 30, 1956		2,880.66	0.35	19,923.09	1.81	104,349.13

*No shipments in second quarter of calendar year 1956.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Ching

Rare and Miscellaneous Metals Division

Date June 15, 1956

Semi-Annual Report - Certified Project

Date Transmitted 6-11-56
Period July 1 thru Dec. 31, 1955

DMEA No. 2618 Operator Uranium Dev. Corp. Contract No. Idm-E 452

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	3,000	0.15% U_3O_8
Increase (Operator)	1,000	0.25% U_3O_8
Total	4,000	0.175% U_3O_8
Decrease (Production)	2,894	0.345% U_3O_8, 1.83% V_2O_5
Net Available	1,106	0.25% U_3O_8

Investment

None reported.

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Original estimate of grade less than half that of material actually shipped to date.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

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JUN 14 1956

224 New Customhouse
Denver 2, Colorado

Date: June 11, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1955 through December 31, 1955
DMEA Docket 2618 (Uranium - Vanadium)
Contract Idm-E 452 Uranium Development Corporation (Blackfoot group), Montrose County, Colorado

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office and Memorandum 29.

W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures
MHM/vj
cc: Semiannual Report File E 452
J. F. Shaw (2)
E. N. Harshman
J. W. Hasler
Chron.

Semi-Annual Report of Certified Projects

Reporting Period July 1 - Dec. 31, 1955

Docket and Contract Number DMEA 2618, Contract Idm-E452

Operator Uranium Development Corporation

Commodity Uranium, vanadium

Mine Name Blackfoot group - Rattlesnake and Good Hope claims

County and State Montrose County, Colorado

DMEA
Date Rec'd.
JUN 5 1956
BUREAU OF MINES
Denver, Colorado
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JUN 14 1956

Date of Contract Nov. 24, 1952

Date of Certification October 21, 1953

Expiration Date of Royalty Payments October 21, 1963

Date of Examination for this Report June 8, 1955

Total Amount of Contract $21,782.00

Total Expenditures under Contract $21,744.45

Amount of Government Participation at 90 % or $19,570.02

Royalty Payments this Period $422.14

Previous Royalty Payments $4,576.75

Total Royalty Payments to Date $4,998.90

% Loan Repayment Completed 25.54

Amount of Royalty Due None (To repay loan $14,571.12)

Royalty Remarks Royalties from 27 back settlement sheets, dating from 1953, paid by check ($1,588.56) but not included in this report.

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Original Estimate of Reserves (from Final Engr.-Geol. Report): 9,000 pounds U_3O_8 or 3,000 tons - .15% U_3O_8 indicated

(Production through 1955 is 19,993 pounds U_3O_8)

Increase of Reserves by work performed subsequent to expiration or termination of contract: About 1,000 tons of 0.25% U_3O_8

Revised Estimate of Reserves: About 4,000 tons of 0.25% U_3O_8

Production this Period (Ore or Concentrates) 345.441 tons 0.22% U_3O_8, 1.07% V_2O_5

Amount of Previous Production (since date of contract) 1,900.928 tons, 0.39% U_3O_8 2.05% V_2O_5.

Total DMEA Production to date 2,216.369 tons, 0.371% U_3O_8, 1.92% V_2O_5.

% of Revised Reserves Mined 72.4

Production Remarks: Slow in 1955 - 85 tons shipped in first month of 1956.

Note: On Uranium projects check with AEC to assure that our records are in agreement with theirs. Complete audit made in January 1956.

Other Remarks: Part of shipments have come from other portions of the property than those explored by DMEA drilling, and this explains, in large part, the increase in reserves, with 27 back settlements amounting to 647.732 tons, total shipments through December 31, 1955 amount to 2,894.103 tons averaging 0.345% U_3O_8 and 1.83% V_2O_5.

Signed Carl Belser (Engineer)

Carl Belser

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DMEA
Date Rec'd
OCT 6 1955

Building 20
Denver Federal Center
Denver 2, Colorado
October 5, 1955

RECEIVED
OCT 10 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: John F. Shaw

Subject: Semi-annual report of certified project -- DMEA 2618, Contract Idm-E452 (Uranium) Uranium Development Corporation (Blackfoot group-Rattlesnake and Good Hope claims) Montrose County, Colorado

Enclosed are the original and six copies of the semi-annual report on the subject certified project.

John F. Shaw
Supervising Mining Engineer

Enclosures

cc 6
General
Chron

JFS/cm

2618

ACTION ON DMEA
OR FINAL FIELD TEAM REPORT

Date 10-10

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~Rare & Nuclear Materials Division~~
6. Docket Control Mails and Files

Note comments in report regarding:

1. Bonus Royalty
2. on early production?
3.
4.

and take appropriate action.

- - - - -

Action taken by Division:

See letter to Executive Officer, DMEA Field Team, Region III, October 24, 1955.

ROBERT E. ADAMS

Initials

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period:	January 1, 1955, to June 30, 1955
Docket No.	DMEA 2618 Contract Idm-E452 (Uranium)
Operator:	Uranium Development Corporation 620 E. and C. Building Denver, Colorado
Name of mine:	Blackfoot group (Rattlesnake and Good Hope claims)
County:	Montrose County, Colorado
Date certified:	October 21, 1953
Contract amount:	$21,744.45
Government participation:	$19,570.00, or 90 percent
Reserves:	Reserves resulting from DMEA exploration were originally estimated as 3,000 tons of indicated ore containing an average of 0.15 percent U_3O_8, or 9,000 pounds of U_3O_8. Actual production to date exceeds this amount (see table) although it has not all been mined from the area explored under DMEA. Reserves are depleted at this time.
Remarks:	The property was visited on June 8, 1955, by a Bureau of Mines representative. Two sets of lessees have carried on operations and produced ore during the reporting period but only one operation was going at the time of the visit. The Edgar L. Seal partnership on the Rattlesnake claim was active and a short adit opening to a shallow ore horizon had just been completed. The face of ore in sight was less than 1 foot in width and mineralization was spotty, but shipping grade ore can be obtained by careful mining. This ore body was not located as a result of DMEA exploration. James Nibert has operated a lease on the Good Hope claim (also called the Rattlesnake No. 2 lease) but had stopped work at the time of the visit. It is reported that Nibert may resume his operation soon.

John F. Shaw
for Wm. H. Salsburg

No royalty on an initial production bonus has ever been paid. Lee Baker, a partner in the Seal lease, stated that they were informed the initial production bonus on the property had been paid before they started work, and they have never received any bonus payments on their shipments.

Ore shipments January 1, 1955, through June 30, 1955

Liquidation No.	Date shipped	Dry tons	Content (pounds) U_3O_8	Content (pounds) V_2O_5	Total value (subject to royalty)	Royalty paid
Good Hope shipments (James Nibert, lessee)						
6004	1-4-55	42.431	199.30	1,507.89	$1,303.03	$ 65.16
6030	1-20-55	20.210	78.80	628.36	501.97	25.10
6038	2-1-55	7.600	38.00	291.85	251.09	12.55
6088	3-17-55	18.526	122.11	823.99	804.21	40.21
6113	4-4-55	64.866	374.58	2,781.49	2,471.35	123.57
6125	4-18-55	53.788	321.69	2,363.07	2,169.65	108.48
6153	5-5-55	10.478	79.63	523.89	522.92	26.15
6182	5-19-55	11.245	83.22	560.02	549.91	27.50
Rattlesnake shipments (Edgar L. Seal, lessee)						
6003	1-4-55	17.153	63.47	399.70	371.48	18.57
6029	1-20-55	45.540	276.55	1,159.26	1,595.72	79.78
6037	2-1-55	62.183	491.15	2,029.72	2,857.38	142.87
6061	2-18-55	17.380	74.54	463.23	451.99	22.60
6181	5-19-55	11.766	49.42	282.38	291.33	14.56
6203	6-3-55	9.628	90.51	213.75	481.11	24.06
Total (6 months)		392.794	2,342.97	14,028.60	$14,623.14	$ 731.16
Previously reported		1,508.134	12,612.36	44,114.31	77,235.49	3,859.66
Totals to date		1,900.928	14,955.33	58,142.91	$91,858.63	$4,590.82

3419.11
18372.94

18,947.71
18372.94
574.77

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 22, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Semi-annual Report, Docket DMEA 2618, Contract Idm-E452, Uranium Development Company, Montrose County, Colorado

Enclosed are four copies of the Semi-annual Report on Contract Idm-E452.

W. M. Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period: July 1, 1954, to December 31, 1954

Docket No.: DMEA 2618 Contract: Idm-2452

Operator: Uranium Development Company
620 E. and C. Building
Denver, Colorado

Name of mine: Rattlesnake (Blackfoot group)

County: Montrose County, Colorado

Date certified: October 21, 1953

Contract amount: $21,744.45 Amount spent: $21,744.45

Government participation: 90 percent, or $19,570.00

Remarks: Reserves--3,000 tons of indicated ore containing an average of 0.15 percent U_3O_8 at time of certification.

Ore shipments during last 6-month period:

Liquidation No.	Date shipped	Dry tons	Content (pounds) U_3O_8	Content (pounds) V_2O_5	Total value	Royalty paid
1270A	6/18 - 7/2/54	Amended	44.21	270.80	324.02	16.20
5734	7/25/54	60.402	494.19	2,736.90	3,101.92	155.10
38655-67-69	6/28 - 7/15	25.326	241.71	1,042.00	1,418.18	70.91
3783	8/6/54	35.633	297.42	1,727.88	1,892.82	94.64
3784	8/6/54	45.581	326.22	2,039.55	2,104.60	105.23
39224-39193						
39219	7/16-27/54	26.802	216.53	1,277.00	1,367.79	68.39
5793	8/19/54	20.094	78.15	581.90	484.90	24.25
5653	5/26/54	122.194	643.83	3,892.27	3,944.66	197.23
1433	6/12-8/31/54	20.645	80.30	544.27	603.22	30.16
5886	9/3/54	69.343	336.93	2,235.09	2,111.34	105.57
5887	9/3/54	41.284	220.34	1,216.42	1,501.45	75.07
5867	10/5/54	47.460	273.51	2,112.94	1,839.38	91.97
1432A	8/16-31/54	0.118	27.73	9.42	142.38	7.12
43669-43304						
43317	8/28-9/15/54	42.916	203.13	1,600.00	1,382.70	69.14
5896	11/5/54	32.740	474.32	2,220.24	2,932.18	146.61
5885	10/21/54	11.568	115.67	603.79	720.26	36.01
5886	10/21/54	10.513	117.75	475.19	695.18	34.76

5944	12/3/54	32.664	299.75	1,644.33	1,883.38	94.17
5937	11/22/54	10.248	131.17	608.73	805.00	40.85
5983	12/20/54	39.988	233.81	1,412.25	1,443.55	72.18
5984	12/20/54	54.504	306.90	2,061.78	1,954.26	97.71
Total (6 months)		730.017	5,167.57	30,912.75	38,653.17	1,632.67
Total (to date)		1,308.134	12,618.36	44,114.31	77,235.49	3,859.66

Carl Belsu

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period: January 1, 1954 through June 30, 1954

Docket No.: DMEA 2618 Contract Idm-E452 (uranium)

Operator: Uranium Development Corporation
620 E. and C. Building, Denver, Colorado

Name of Mine: Rattlesnake (Blackfoot Group)

County: Montrose County, Colorado

Date Certified: October 21, 1953

Contract amount: $21,744.45 Amount spent $21,744.45

Government Participation: 90 percent or $19,570.00

Reserves: 3,000 tons of indicated ore containing an average of 0.15 percent U_3O_8.

Ore shipments to date:

Liquidation No.	Date Shipped	Dry Wt. (tons)	Content (pounds) U_3O_8	V_2O_5	Total Value	Royalty Paid
38180	12/16 - 12/31/53	9.935	117.23	360.00	$ 651.92	$ 32.60
5430	12/16 - 12/31/53	20.060	364.65	1,114.36	2,083.68	104.18
5458	1/1 - 1/15/54	31.600	259.28	953.05	1,468.92	73.45
5464	1/16 - 1/31/54	31.660	271.07	1,032.11	1,549.60	77.48
18638) 18679) 18577) 18722)	2/16 - 2/27/54	39.684	358.94	1,429.00	2,064.34	103.22
17409) 17417) 32563) 18068) 18176) 18375) 18558)	1/1 - 1/27/54	69.629	653.75	2,577.00	3,757.01	187.85
5496	2/1 - 2/15/54	21.300	72.38	527.80	416.39	18.68
5526	2/16 - 2/28/54	62.090	608.31	2,622.41	3,588.57	179.43

Liquidation No.	Date Shipped	Dry Wt. (tons)	Content (pounds) U_3O_8	V_2O_5	Total Value	Royalty Paid
1071	2/1 - 2/15/54	9.390	93.94	394.55	659.52	$ 32.98
5535	3/1 - 3/15/54	34.620	499.84	2,104.54	3,005.32	150.27
19479	3/16- 3/27/54	8.873	108.25	435.00	635.29	31.76
18964) 19069) 19205)	2/28- 3/15/54	31.226	331.09	1,559.00	1,994.82	99.74
5569	3/16- 3/31/54	80.170	1,777.33	6,040.34	10,421.54	521.08
5623	4/16- 4/30/54	96.450	549.28	3,152.22	3,333.49	166.67
5618	4/1 - 4/15/54	18.330	228.98	1,189.04	1,441.63	72.08
1271	5/16- 5/31/54	16.820	108.29	622.93	762.19	38.11
Sheet 1	4/28 - 6/27/54	135.560	663.13	4,219.00	4,171.25	208.56
5-3596	5/16- 5/31/54	9.210	44.21	270.80	324.02	16.20
1302	6/1 - 6/15/54	18.660	97.03	638.33	718.51	35.93
5736	6/1 - 6/30/54	12.850	237.81	1,960.08	1,534.31	76.72
	Totals to Date	758.117	7,444.79	33,201.56	$44,582.32	$2,226.99

Remarks: Production is expected to continue from the Blackfoot group throughout 1954. The grade of ore thus far produced averages 0.491 percent U_3O_8 and 2.18 V_2O_5 which is considerably higher than originally estimated. yes!

RRM/ici

E452

758
1508
2266

7445

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period:	July 1, 1953 through December 31, 1953
Docket No.:	DMEA 2618 Contract Idm-E452 (Uranium)
Operator:	Uranium Development Corporation 620 E. and C. Building, Denver, Colorado
Name of Mine:	Blackfoot claims
County:	Montrose County, Colorado
Date Certified:	October 21, 1953
Contract Amount:	$21,744.45 Amount spent: $21,744.45
Government Participation:	90 percent, or $19,570.00
Reserves:	3,000 tons of indicated ore containing an average of 0.15 percent U_3O_8.
Ore shipments to date:	The lessee reported shipments of two truckloads of ore during the last week of December 1953 and four truckloads during the first week of January 1954. Settlement sheets for these shipments are not yet available.
Remarks:	The claims were visited by a Bureau engineer on January 7, 1954, at which time mining was being conducted under the Edgar L. Seal lease. During December 1953, an incline about 30 feet in length was driven to the ore horizon in which mineralization was encountered by a wagon drill hole at coordinates 5900 N. and 3600 E. on the Rattlesnake claim. Approximately 30 feet from the hole an ore deposit was encountered from which the previously mentioned shipments were made in December and January. As yet, there is insufficient development work to attempt to revise

the original estimate of ore reserves submitted at the close of the DMEA project; however, a visual inspection of the ore indicates that the grade of the shipments made thus far may average 0.025 percent U_3O_8 and 1.5 percent V_2O_5. On the inspection date an ore bin had been completed and a combined compressor house and shop was under construction near the portal. Work is expected to continue throughout the winter.

RRM/kp
E452

CLIMAX URANIUM COMPANY

UNIT OF AMERICAN METAL CLIMAX, INC.

GRAND JUNCTION, COLORADO

ORE SETTLEMENT

Liquidation Number: 4891 — Date: Oct. 6 1961

Seller: [illegible] — A. E. C. License No.:

Address: [illegible]

Type of Ore: Carnotite — Date Received: 9-6-61

Mining Claim: [illegible] — Mining District: Uravan (Mesa)

Wet Weight Pounds	H2O	Dry Weight Pounds	Recoverable Assays U3O8	V2O5	CaCO3	Contained Pounds U3O8	V2O5	[illegible]
27300	6.6	25623	0.13	0.71		46.31	252.92	

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DATE	INITIALS	CODE

[illegible]	[illegible]	[illegible]	$ [illegible]	$ 5.46	1781	$ [illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.00	1781	[illegible]
[illegible]						
[illegible]						
[illegible]						
[illegible]						
[illegible]						$ [illegible]
[illegible]	[illegible]	[illegible]	.31	4.40	1781	78.41
[illegible]						
TOTAL [illegible]						$ 198.52
[illegible]						
[illegible]				9.94	Adjusted to $8.95 @ [illegible]	
[illegible]				[illegible]		
[illegible]						[illegible]
[illegible]						$ 189.12

OME
DEPARTMENT OF THE INTERIOR
OCT 11 1961
REGION III
DENVER, COLORADO

2618
E 452
Uranium Development Co

[illegible] per ton

[illegible] I am the legal owner or authorized representative of the lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver it to Climax Uranium Company.

[illegible] to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

[illegible] amount as shown above as "Net Due Seller" in full settlement, for same due to me on account of the ore delivered described herein.

[illegible]

CLIMAX URANIUM COMPANY

UNIT OF AMERICAN METAL CLIMAX, INC.

GRAND JUNCTION, COLORADO

ORE SETTLEMENT

Application Number: 4877 Date: September 5, 1961

Bought of: [illegible] Company A. E. C. License No.:

Address: [illegible]

Type of Ore: [illegible] Date Received: [illegible]

Mining Claim: [illegible] Mining District: [illegible]

Lot	Net Weight Lbs.	H2O	Dry Weight Lbs.	Settlement Assays U3O8	V2O5	CaCO3	Contract Pounds U3O8	V2O5	CaCO3
17	86580	4.5	84234	0.23	[illegible]		80.35	412.22	
Total									

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SEP 13 1961

		Per Lb.	Per Ton	Price Per Ton	Total Value
80.35 lbs. U3O8 @	80.35 lbs. U3O8	$ 3.50	$ 7.00	17.47	$ 281.23
Less Freight per ton		.50	1.00	17.47	17.47
	80.35				
Less Treatment	80.35				
Net Pounds of U3O8 per ton	80.35	.25	.045	17.47	7.85
Less Freight					
Less U3O8					
Total U3O8 Payment					$ 329.32
Vanadium Payment					
412.22 lbs. V2O5 @		.31	7.31	17.47	$ 127.77
Less Freight Vana Charge					
Less Treatment					
Total Vana Payment					$ 457.09
Deductions					
[illegible]	$ 22.85				
[illegible]					
[illegible]	114.26				
					137.11
Net Payment					$ 319.98

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DEPARTMENT OF THE INTERIOR
SEP 13 1961
REGION III
DENVER, COLORADO

DMEA-4618

EASY Uranium Development Co

I accept this as the total amount of mineral representation of the Lawful Owner of the Ore described in this Settlement Sheet and have legal right to sell the same to Climax Uranium Company.

Signature of Seller or Agent

Seller or Agent

[redacted]

[redacted]

ORE SETTLEMENT

DATE	INITIALS
[redacted]	

Station Number [redacted] Date [redacted]

Name of [redacted]

Address [redacted]

Point of Ore [redacted] Date Received [redacted]

Mining Claim [redacted] Date Sampled [redacted]

Wet Weight (Lbs.)	H₂O	Dry Weight (Lbs.)	[redacted]			[redacted]	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]		[redacted]	[redacted]
20150	1.0	19954	1.47	[redacted]		[redacted]	[redacted]
34760	4.2	33302	1.37	[redacted]		[redacted]	[redacted]
35840	3.8	34471	1.30	[redacted]		[redacted]	[redacted]
38 18260	2.7	17774	0.26	[redacted]		[redacted]	[redacted]
TOTAL	2129040	3.5	205391	0.31810	[redacted]	652.35	[redacted]

U_3O_8

0.31810 % = 652.35 Lbs.	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Development Allowance 652.35 Lbs.	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Premium in excess of [redacted] per ton						
Total Lbs. U_3O_8 652.35						
Less [redacted] Tons @ [redacted] 410.10						
PREMIUM LBS. [redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
Premium in excess of [redacted] per ton						
Total Lbs. U_3O_8						
Less [redacted] Tons @ [redacted]						
PREMIUM LBS.						
Total U_3O_8 Payment						[redacted]
Haulage Allowance						

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AUG 11 1961
REGION III
DENVER, COLORADO

V_2O_5

1.48103 % = 2960.10 Lbs.	[redacted]	[redacted]	[redacted]	[redacted]	

Less Excess Lines Charge _____ Tons @ $ _____ per ton 2618

E452 Uranium Development

TOTAL GROSS PAYMENT [redacted]

[redacted]

[redacted]

[

CLIMAX URANIUM COMPANY

UNIT OF AMERICAN METAL CLIMAX, INC.

GRAND JUNCTION, COLORADO

ORE SETTLEMENT

Liquidation Number 4820 Date July 6, 1961

Bought of L.C. Mining Company A.E.C. License No.

Address P.O. Box 788 - Delta, Colo.

Type of Ore Carnotite Date Received 6/1/61 - 6/30/61

Mining Claim Dairy Queen Lode Mining District Delta

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	Settlement Assays U_3O_8	Settlement Assays V_2O_5	Settlement Assays $CaCO_3$	Contents Pounds U_3O_8	Contents Pounds V_2O_5	Contents Pounds $CaCO_3$
501	25920	4.1	24857	0.53	1.43	1.50	131.74	355.46	372.86
502	22020	4.2	21095	0.38	1.20	1.78	80.16	253.14	375.49
TOTAL	47940	4.1	45952	0.46113	1.32443	1.63	211.90	608.60	748.35

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U_3O_8					
0.46113 % = 211.90 lbs.		$ 3.50	$ 32.27	22.95	$ 741.65
Development Allowance 211.90 lbs.		.50	4.61	22.95	105.95
Premium in excess of 4% per ton					
Total Lbs. U_3O_8	211.90				
Less 23.91 Tons @ 4%	91.72				
PREMIUM LBS.	119.91	.75	9.92	22.95	89.99
Premium in excess of 10% per ton					
Total Lbs. U_3O_8					
Less Tons @ 10%					
PREMIUM LBS.					
Total U_3O_8 Payment					$ 937.59
Haulage Allowance					
V_2O_5					
1.32443 % = 608.60 lbs.		.31	5.21	22.95	181.67
Less Excess Lime Charge	Tons @ $	per ton			
TOTAL GROSS PRICE					$ 1126.26
Deductions					
Earl L. Trujillo, Jr.		281.57			
25%					
U.M.E. - 5%		56.31			

OME
DEPARTMENT OF THE INTERIOR
JUL 11 1961

E452.2618
Uranium Development Co

Signature of Agent

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

[redacted] 5-0-80

Type of Ore C-1 Carnotite

AEC LICENSE NO.

Deliveries to Durango Mill Claim Name Fairy King Period 5-16/5-31-61

Purchased from K. C. Mining Company Address Naturita, Colorado

Settlement covering various lots beginning No. 29573 Ending No. 29634

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
79120		75121	1.26	.290	1.6	951	220.75	1237
NET WEIGHT TONS		DRY WEIGHT TONS						
39.56		37.0605						

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V205 1.26 % 951 lbs. at .31 Per Lb. $ 297.91

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 297.91

U308 .290 % 220.75 lbs. at 3.50 Per Lb. $ 772.63

Content at 4 lbs. per ton 152.24 lbs.

Premium for lbs in excess of 4 lbs. per ton 68.51 lbs. at 75c Per Lb. $ 51.38

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U308 $ 824.01

Development Allowance 220.75 lbs. at 50c Per Lb. $ 110.38

Haulage Allowance at $

E 452 - 2618

Uranium Development Co

$ 61 62

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DEPARTMENT OF THE INTERIOR
JUN 13 1961
REGION III
DENVER, COLORADO

TOTAL GROSS VALUE $ 1232.30

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 1232.30

VO. NO. $ TO:
VO. NO. 39361 $ 862.60 TO: K. C. Mining Co. c/o Kenneth McBride Box 294 Naturita, Colo.
VO. NO. $ TO:
VO. NO. 39350 $ 51.62 TO: Executive Officer OME Field Team Region III Office of Minerals
VO. NO. $ TO: Exploration Bldg. 20, Denver Federal Center, Denver, Colo.
VO. NO. $ TO: (5% Gross)
VO. NO. 39351 $ 308.07 TO: Ben L. Wright, Jr. 716 Symes Bldg. Denver, Colorado (25% Gro
VO. NO. $ TO:

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

5-8-72

Type of Ore C-1 Carnotite

SETTLEMENT SHEET

AEC LICENSE NO.

Deliveries to Durango Mill Claim Name Blackfoot Group Period 5-15/5-31-61

Purchased from Joe Baldwin Address Kuala, Colorado

Settlement covering various lots beginning No. 29603 Ending No. 25503

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
52330		50547	1.58	.232	2.5	799	117.27	1254
NET WEIGHT TONS		DRY WEIGHT TONS						
26.19		25.2735						

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DATE	INITIALS	CODE

V205 1.58 % 799 lbs. at .31 Per Lb. $ 247.69

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 247.69

U308 .232 % 117.27 lbs. at 3.50 Per Lb. $ 410.45

Content at 4 lbs. per ton 101.09 lbs.

Premium for lbs in excess of 4 lbs. per ton 16.18 lbs. at 75c Per Lb. $ 12.14

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U308 $ 422.59

Development Allowance 117.27 lbs. at 50c Per Lb. $ 58.64

Haulage Allowance at

E452 2618

Uranium Development Co

$

TOTAL GROSS VALUE $ 728.92

Less Royalty %V205 ( ) #36.45 %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 728.92

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DEPARTMENT OF THE INTERIOR
JUN 12 1961
REGION III
DENVER, COLORADO

VO. NO.	$		TO:
VO. NO. 39343	$	510.24	TO: Joe Baldwin Kuala, Colorado
VO. NO. 39350	$	36.45	TO: Executive Officer CME Field Team Region III Office of Minerals
VO. NO.	$		TO: Exploration Bldg. 20, Denver Federal Center, Denver, Colorado
VO. NO.	$		TO: (5% Gross)
VO. NO. 39351	$	182.23	TO: Ben L. Wright, Jr. 713 Symes Bldg. Denver, Colo. (25% Gross)
VO. NO.	$		TO:
VO. NO.	$		TO:

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

Ps

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

5-0-31

Type of Ore: C-1 Carnotite

AEC LICENSE NO.

Deliveries to: Durango Mill Claim Name: Fairy King Period: 5-1/5-15-61

Purchased from: K. C. Mining Co. Address: Naturita, Colorado

Settlement covering various lots beginning No. 29244 Ending No. 29262

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
51860		49541	1.12	.255	1.5	556	126.56	730
NET WEIGHT TONS		DRY WEIGHT TONS						
25.93		24.7705						

V205 1.12 % 556 lbs. at .31 Per Lb. $ 172.36

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 172.36

U308 .255 % 126.56 lbs. at 3.50 Per Lb. $ 442.96

Content at 4 lbs. per ton 99.08 lbs.

Premium for lbs in excess of 4 lbs. per ton 27.48 lbs. at 75c Per Lb. $ 20.61

Content at 10 lbs. per ton ____ lbs.

Premium for lbs. in excess of 10 lbs. per ton ____ lbs. at 25c Per Lb. $ ____

Total Value U308 $ 463.57

Development Allowance 126.56 lbs. at 50c Per Lb. $ 63.28

Haulage Allowance ____ at ____ $ ____

E452
Uranium Dev. Co.

TOTAL GROSS VALUE $ 699.21

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable 34.96 ✓ $ ____

TOTAL NET PAYMENT $ 699.21

VO. NO. ____ $ 489.45 TO: K. C. Mining Co. c/o Kenneth Mc Bride Box 294 Naturita, Colo.
VO. NO. ____ $ 34.96 TO: Executive Offices O.M.EM Field Team Region III Office of Minerals
VO. NO. ____ $ ____ TO: Exploration Bldg. 20 Denver Federal Center Denver, Colo.
VO. NO. 39022 $ ____ TO: (5% Gross)
VO. NO. ____ $ 174.80 TO: Ben L. Wright, Jr. 718 Symes Bldg. Denver, Colorado(25% Gross)
VO. NO. ____ $ ____ TO:
VO. NO. 39023 $ ____ TO:
VO. NO. ____ $ ____ TO:

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

5-0-26

Type of Ore C-1 Carnotite

SETTLEMENT SHEET

AEC LICENSE NO.

Deliveries to Durango Mill Claim Name Blackfoot Period 5-1/5-15-61

Purchased from Joe Baldwin Address Nucla, Colorado

Settlement covering various lots beginning No. 29093 Ending No. 29263

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
73960		71196	1.43	.231	3.6	1020	164.50	2597
NET WEIGHT TONS		DRY WEIGHT TONS						
36.98		35.5980						

V205 1.43 % 1020 lbs. at .31 Per Lb. $ 316.20

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 316.20

U308 .231 % 164.50 lbs. at 3.50 Per Lb. $ 575.10

Content at 4 lbs. per ton 112.39 lbs.

Premium for lbs in excess of 4 lbs. per ton 22.21 lbs. at 75c Per Lb. $ 16.66

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U308 $ 592.76

Development Allowance 164.50 lbs. at 50c Per Lb. $ 82.30

Haulage Allowance at

$

E452 Uranium Dev. Co

TOTAL GROSS VALUE $ 991.25

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $49.56 $

TOTAL NET PAYMENT $ 991.25

VO. NO.	$	TO:	
VO. NO. 39021	$ 693.68	TO:	Joe Baldwin Nucla, Colorado
VO. NO. 39022	$ 49.55	TO:	Executive Officer C. M. E. Team Region III Office of
VO. NO.	$	TO:	Minerals Exploration Bldg. 20 Denver Federal Center,
VO. NO.	$	TO:	Denver, Colorado (5% Gross)
VO. NO. 39023	$ 247.02	TO:	Ben L. Wright, Jr. 71[illegible] Symes Bldg. Denver, Colorado
VO. NO.	$	TO:	(25% Gross)
VO. NO.	$	TO:	

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

Form [redacted]-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

4-0-99

SETTLEMENT SHEET

Type of Ore C-1 Carnotite

AEC LICENSE NO.

Deliveries to Durango Mill Claim Name Fairy Ring Period 4-1/4-30-61

Purchased from K. C. Mining Co. Address Naturita, Colorado

Settlement covering various lots beginning No. 28468 Ending No. 28930

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
147020		141260	1.00	.211	1.8	1413	297.92	2525
NET WEIGHT TONS		DRY WEIGHT TONS						
73.91		70.6400						

V205 1.00 % 1413 lbs. at .31 Per Lb. $ 438.03

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 438.03

U308 .211 % 297.92 lbs. at Per Lb. $ 1042.72

Content at 4 lbs. per ton 282.56 lbs.

Premium for lbs in excess of 4 lbs. per ton 15.36 lbs. at 75c Per Lb. $ 11.52

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U308 $ 1054.24

Development Allowance 297.92 lbs. at 50c Per Lb. $ 148.96

Haulage Allowance at $

TOTAL GROSS VALUE $ 1541.23

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable K. C. Mining Co. $ 1000.00

TOTAL NET PAYMENT $ 541.23

VO. NO. $ TO:

VO. NO. 38729 $ 148.85 TO: K. C. Mining Co. c/o Kenneth McBride Box 294 Naturita, Colo.

VO. NO. $ TO:

VO. NO. 38714 $ 82.06 TO: Executive Offices C.M.E. Field Team Region III Office of Minerals, Exploration Bldg. 20 Denver Federal Center, Denver, Colorado (5% Gross)

VO. NO. $ TO:

VO. NO. $ TO:

VO. NO. 38713 $ TO:

VO. NO. 38715 $ 410.31 TO: Ben L. Wright, Jr. 718 Symes Bldg. Denver, Colorado (25% Gross

I certify that I am a lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

OFFICIAL FILE COPY
O. M. E
RECEIVED MAY 15 1961
DATE INITIALS

OME
DEPARTMENT OF THE INTERIOR
MAY 12 1961
REGION III
DENVER, COLORADO

E 452
Uranium Development Corp.
#82.06 ✓

Form [redacted]6-C1

VANADIUM CORPORATION OF AMERICA

4-6-90

Durango, Colorado

Type of Ore C-1 Carnotite

SETTLEMENT SHEET

AEC LICENSE NO.

Deliveries to Durango Mill Claim Name Blackfoot #1 Period 4-1/4-30-61

Purchased from Joe Baldwin Address Nucla, Colorado

Settlement covering various lots beginning No. 28436 Ending No. 29003

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
237760		227707	1.29	.268	3.7	2944	610.03	8532
NET WEIGHT TONS		DRY WEIGHT TONS						
118.88		113.85						

V205 1.29 % 2944 lbs. at .31 Per Lb. $ 912.64

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 912.64

U308 .268 % 610.03 lbs. at 3.50 Per Lb. $ 2135.11

Content at 4 lbs. per ton 455.41 lbs.

Premium for lbs in excess of 4 lbs. per ton 154.62 lbs. at 75c Per Lb. $ 115.97

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U308 $ 2251.08

Development Allowance 610.03 lbs. at 50c Per Lb. $ 305.02

Haulage Allowance at

$

TOTAL GROSS VALUE $ 3468.74

Less Royalty %V205 ( ) %U308 ( )

Less Accounts Receivable Joe Baldwin $ 1300.00

TOTAL NET PAYMENT $ 2168.74

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RECEIVED MAY 15 1961

DATE	INITIALS	CODE

OME
DEPARTMENT OF THE INTERIOR
MAY 18 1961
REGION III
DENVER, COLORADO

r618
E452
Uranium Development Corp
173.44

VO. NO. $ TO:
VO. NO. 38713 $ 1128.11 TO: Joe Baldwin, Nucla, Colorado
VO. NO. 38714 $ 173.44 TO: Executive Officer O.M.E. Field Team Region III
VO. NO. $ TO: Office of Minerals Exploration Bldg. 20 Denver Federal Center,
VO. NO. $ TO: Denver Colorado (5% Gross)
VO. NO. 38715 $ 867.19 TO: Ben L. Wright Jr. 718 Symes Bldg. Denver, Colorado
VO. NO. $ TO: (25% Gross)
VO. NO. $ TO:

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

3-0-72

Type of Ore: C-1 Carnotite

AEC LICENSE NO.

Deliveries to: Durango Mill Claim Name: Fairy King Period: 3-16/3-31-61

Purchased from: K. C. Mining Co. Address: Naturita, Colorado

Settlement covering various lots beginning No. 28178 Ending No. 28178

NET WEIGHT POUNDS	% H2O	DRY WEIGHT POUNDS	% V205	% U308	% CaCO3	CONTAINED POUNDS V205	CONTAINED POUNDS U308	
17980		16829	1.18	.287	2.1	199	48.30	353
NET WEIGHT TONS		DRY WEIGHT TONS						
8.99		8.4145						

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RECEIVED APR 27 1961

DATE	INITIALS	CODE

V205 1.18 % 199 lbs. at .31 Per lb. $ 61.69

Less High Lime Penalty ... tons at ... Per Ton $

Total Value V205 ... $ 61.69

U308 .287 % 48.30 lbs. at 3.50 Per Lb. $ 169.05

Content at 4 lbs. per ton 33.66 lbs.

Premium for lbs in excess of 4 lbs. per ton 14.64 lbs. at 75c Per Lb. $ 10.98

Content at 10 lbs. per ton ... lbs.

Premium for lbs in excess of 10 lbs per ton ... lbs. at 25c Per Lb $

Total Value U308 ... $ 180.03

Development Allowance 48.30 lbs at 50c Per Lb. ... $ 24.15

Haulage Allowance ... at ... $

OME
DEPARTMENT OF THE INTERIOR
APR 10 1961
REGION III
DENVER, COLORADO

TOTAL GROSS VALUE ... $ 245.87

Less Royalty %V205 ( ) ... %U308 ( ) ... $

Less Accounts Receivable ... $

TOTAL NET PAYMENT ... $ 265.87

VO. NO	$ 186.11	TO:	K. C. Mining Co. c/o Kenneth McBride, Box 294, Naturita, Colo.
VO NO.	$	TO:	
VO. NO.	$	TO:	
VO NO	$ [illegible]	TO:	Don L. Wright, Lee Pagan & Eugene Pagan,
VO NO	$ 79.76	TO:	Nucla, Colorado (30% V & U & Dev)
VO NO	$	TO:	
VO NO	$	TO:	
VO NO	$	TO:	

I certify that I am the lawful owner or authorized Representative of the lawful owner of the ore described in this settlement sheet and have clear right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the said Vanadium Corporation of America effective as of the date of delivery of the ore all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless from any claim by any third party. In the event my right to delivery is contested for any reason I will accept the amount as shown above as Total Gross Value in full settlement.

- JMEA 2618

Seller or Agent

Unavailable

$13.30

BENJAMIN L. WRIGHT, JR.
ATTORNEY AT LAW
718 SYMES BUILDING
DENVER 2, COLORADO
ACOMA 2-2921

OME
DEPARTMENT OF THE INTERIOR
JAN 27 1960
REGION III
DENVER, COLORADO

2-2 Murphy
2 2 J

January 22, 1960

Mr. James W. Townsend
Executive Officer, O.M.E.
Field Team Region 3
Building 20
Federal Center
Denver 25, Colorado

Re: Docket No. DMEA 2618 (Uranium)
Contract No. IDM-E 452, Uranium Development Corporation (Blackfoot Group of Claims) Montrose County, Colorado.

Dear Mr. Townsend:

Enclosed herewith please find check for $4.52, as per your letter of January 21, 1960. I am glad the amount came out equal with our IDM number rather than the DMEA number.

Yours very truly,

Ben L. Wright Jr.

Ben L. Wright, Jr.

BLW/bj
Encl - 1

Royalty due as per our letter of Jan 21, 1960.

DMEA-2618
E452 Uran. Dev. Corp.

OFFICIAL FILE COPY O. M. E. RECEIVED JAN 25 1960		
DATE	INITIALS	CODE
1-25	gad	220
1/25	[illegible]	800
~~1/26~~	~~[illegible]~~	~~[illegible]~~
		225

Building 20 - Federal Center
Denver 25, Colorado
January 21, 1960

Mr. Ben L. Wright, Jr.
Attorney at Law
718 Symes Building
Denver 18, Colorado

Re: Docket No. DMEA 2618 (Uranium)
Contract No. Idm-E452
Uranium Development Corporation
(Blackfoot group of claims)
Montrose County, Colorado

Dear Mr. Wright:

Thank you for your letter of January 15, 1960. We appreciate the manner in which you have kept us informed on the status of your mining claims.

It has been noted that there is a balance due the Government of $4.52 on the last 7 shipments of ore from the Blackfoot group. The tabulation of the last 7 shipments is as follows:

Lig. No.	Net Value	Dry Tons	Value Per Ton	Royalty Rate	Royalty Due	Royalty Paid
8914	$1,983.48	65.155	$30.44	5.0%	$99.17	$98.17
8965	1,399.35	58.968	23.73	5.0%	69.97	69.06
9035	198.88	8.600	23.13	5.0%	9.94	9.81
9109	522.31	18.311	28.52	5.0%	26.12	25.83
9141	1,263.11	59.059	21.39	5.0%	63.16	62.24
9202	376.93	25.517	14.77	5.0%	18.85	18.45
9251	1,827.70	55.491	32.94	5.0%	91.39	90.52
				Total	$378.60	$374.08
					374.08	
			Balance due Government		$ 4.52	

Will you please forward us your check for $4.52 to bring this account into balance.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

BMC:ltm

cc: Chmn. Op. Comm. (2)
Roy. Corres. E452
Chron.

OFFICIAL FILE COPY
O. M. E.
RECEIVED JAN 25 1960

DATE	INITIALS	CODE

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

MAY 5 - 1959

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O. M. E.
RECEIVED MAY 7 1959

DATE	INITIALS	CODE
5/7	G	220
"	Chang	700

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, **Docket DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation (Blackfoot group) Montrose Co., Colorado**

Period: **April 1959**

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
3/22/59	9251	55.491	$91.39	$90.52*		
Totals:		55.491	$91.39	$90.52*		

Past Due Royalties Collected: **None**

Total Dry Tons (Ore or Cons.) Shipped to Date: **5,241.41**

J. W. Townsend

jy

cc: Royalty File E 452 w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

P. O. BOX 1049, GRAND JUNCTION, COLORADO

ORE SETTLEMENT

LIQUIDATION NUMBER: 9V51

A E C LICENSE NUMBER:

ITS: 1

PERIOD ENDING: 3-V-59

RECEIVING PLANT CODES
2 URAVAN, COLO
3 & 4 - RIFLE, COLO
6 - GREEN RIVER, UTAH
7 SLICKROCK, COLO

BOUGHT OF
THERMER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM
BLACKFOOT GROUP

A E C DISTRICT NO. 26

RECV PLANT	SOURCE VENDOR	SOURCE CLAIM	NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	* $CaCO_3$
2	007	9010	114880	3.4	110981.00	.32	.085	

* APPROXIMATE AVERAGES

PRICED PER A E C CIRCULAR NO 5 (REVISED)

DETAIL OF PAYMENT	LBS OR MILES	RATE	DRY WET TONS	VALUE
U308 PAYMENT	35443	350000	5549	124051
DEVELOPMENT ALLOWANCE	35443	50	5549	17722
EXCESS 4 LB TON PREM	13247	75	5549	9935
EXCESS 10 LB TON PREM		25	5549	
V205 PAYMENT	94641	31		29339
LIME PENALTY OVER 6PC			5549	CR
HAULAGE ALLOWANCE	500	06	5744	1723
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 182770

OME
DEPARTMENT OF THE INTERIOR
APR 14 1959
REGION III
DENVER, COLORADO

E452

FORM 250 23 4

UNION CARBIDE NUCLEAR COMPANY
DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

NAME AND ADDRESS
THERMER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM
BLACKFOOT GROUP

SOURCE: 79010

T/S: 1

PERIOD ENDING: 3-√√59

RECEIVING PLANT CODES
2 URAVAN, COLO
3 & 4 RIFLE, COLO.
6 GREEN RIVER UTAH
7 SLICKROCK, COLO

RECV PLANT	DATE OF RECEIPT MO	DAY	SCALE TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	GRADE V_2O_5	GRADE $CaCO_3$	POUNDS U_3O_8	POUNDS V_2O_5	POUNDS $CaCO_3$	* TOT CR
2	03	17	22464	12960	30	12571	42	93		5280	11691		
2	03	17	22527	13180	22	12890	42	93		5414	11988		
2	03	18	22573	14920	30	14472	42	93		6078	13459		
2	03	19	22631	13640	43	13053	42	93		5482	12139		
2	03	19	22660	15280	44	14608	19	67		2776	9787		
2	03	20	22795	14900	34	14393	24	82		3454	11802		
2	03	21	22889	15160	37	14599	24	82		3504	11971		
2	03	22	22969	14840	30	14395	24	82		3455	11804		
				114880	34	110981	32	85		35443	94641		*

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O. M. E.
RECEIVED MAY 7 1959

DATE	INITIALS	CODE

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

APR 3 - 1959

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O. M. E.
RECEIVED APR 6 1959

DATE	INITIALS	CODE
4-6	C	220
4-7	~~ching~~	700

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, Docket DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corp. (Blackfoot group) Montrose County, Colorado

Period: March 1959

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
2/14/59	9109	18.311	$ 26.12	$ 25.83*	No Bonus Due	
2/28/59	9141	59.059	63.16	62.24*		
3/13/59	9202	25.517	18.85	18.45*		
Totals:		102.887	$108.13	$106.52*		

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 5,185.92

J. W. Townsend

jy

cc: Royalty File E 452 w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

P. O. BOX 1049, GRAND JUNCTION, COLORADO

ORE SETTLEMENT

LIQUIDATION NUMBER: 9109

A.E.C. LICENSE NUMBER:

T/S: 1

PERIOD ENDING: 2 14 59

RECEIVING PLANT CODES
2 - URAVAN, COLO
3 & 4 RIFLE COLO
6 - GREEN RIVER, UTAH
7 SLICKROCK, COLO.

BOUGHT OF
ERMER R LARRUM
X 294
AVAN COLORADO

MINING CLAIM
ACKFOOT GROUP

A.E.C. DISTRICT NO
26

SOURCE		NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS		*
VENDOR	CLAIM				U_3O_8	V_2O_5	$CaCO_3$
007	9010	38340	4.5	3662100	.29	0.59	

* APPROXIMATE AVERAGES

PRICED PER A E C CIRCULAR NO 5 (REVISED)

DETAIL OF PAYMENT	LBS OR MILES	RATE	DRY WET TONS	VALUE
308 PAYMENT	10621	350000	1831	37174
EVELOPMENT ALLOWANCE	10621	50	1831	5311
XCESS 4 LB TON PREM	3297	75	1831	2473
XCESS 10 LB TON PREM		25	1831	
205 PAYMENT	21607	31		6698
IME PENALTY OVER 6PC			1831	CR
HAULAGE ALLOWANCE	500	06	1917	575
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 52231

OME
DEPARTMENT OF THE INTERIOR
MAR 5 - 1959
REGION III
DENVER, COLORADO

E452

FORM 250-23 4

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

SOURCE: 79010

T.S.: 1

PERIOD ENDING: 2 14 59

NAME AND ADDRESS

THERMER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM

BLACKFOOT GROUP

RECEIVING PLANT CODES

2 URAVAN, COLO
3 & 4 RIFLE, COLO
6 GREEN RIVER, UTAH
7 SLICKROCK, COLO

RECV PLANT	DATE OF RECEIPT MO	DATE OF RECEIPT DAY	SCALE TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	GRADE V_2O_5	GRADE $CaCO_3$	POUNDS U_3O_8	POUNDS V_2O_5	POUNDS $CaCO_3$	TOT * CR
2	02	13	19301	12020	4.3	11503	.29	.59		3336	6787		
2	02	13	19365	13560	5.1	12868	.29	.59		3732	7592		
2	02	14	19451	12760	4.0	12250	.29	.59		3553	7228		
				38340	4.5	36621	.29	.59		10621	21607		*

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

P. O. BOX 1049 GRAND JUNCTION, COLORADO

ORE SETTLEMENT

LIQUIDATION NUMBER: 9141

A E C LICENSE NUMBER:

T S: 1

PERIOD ENDING: 2 2859

RECEIVING PLANT CODES
2 URAVAN, COLO
3 & 4 RIFLE, COLO
6 GREEN RIVER, UTAH
7 SLICKROCK, COLO

BOUGHT OF
THERMER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM
BLACKFOOT GROUP

A E C DISTRICT NO
26

RECV PLANT	SOURCE VENDOR	SOURCE CLAIM	NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	* $CaCO_3$
2	007	9010	122680	37	11811800	22	054	

* APPROXIMATE AVERAGES

PRICED PER A E C CIRCULAR NO 5 (REVISED)

DETAIL OF PAYMENT	LBS OR MILES	RATE	DRY WET TONS	VALUE
U308 PAYMENT	25762	350000	5906	90167
DEVELOPMENT ALLOWANCE	25762	50	5906	12881
EXCESS 4 LB TON PREM	2138	75	5906	1604
EXCESS 10 LB TON PREM		25	5906	
V205 PAYMENT	63933	31		19819
LIME PENALTY OVER 6PC			5906	CR
HAULAGE ALLOWANCE	500	06	6134	1840
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 126311

OME
DEPARTMENT OF THE INTERIOR
MAR 13 1959
REGION III
DENVER, COLORADO

E452

FORM 250 23 4

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

SOURCE: 79010

T.S: 1

22859

NAME AND ADDRESS

THERMER R LABRUM
BOX 294
URAVAN COLORADO

RECEIVING PLANT CODES
5 URAVAN, COLO
3 & 4 RIFLE, COLO
6 GREEN RIVER, UTAH
7 SLICKROCK, COLO

MINING CLAIM

BLACKFOOT GROUP

RECV PLANT	DATE OF RECEIPT MO	DAY	SCALE TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	GRADE V_2O_5	GRADE $CaCO_3$	POUNDS U_3O_8	POUNDS V_2O_5	POUNDS $CaCO_3$	TOT * CR
2	02	18	19826	13700	45	13084	21	59		2748	7720		
2	02	19	19899	13620	45	13007	21	59		2731	7674		
2	02	19	19940	13040	37	12558	21	59		2637	7409		
2	02	21	20169	12480	30	12106	21	59		2542	7143		
2	02	24	20456	13520	36	13033	20	44		2607	5735		
2	02	25	20515	14400	29	13982	23	52		3216	7271		
2	02	26	20605	14140	30	13716	23	52		3155	7132		
2	02	28	20707	12960	44	12390	23	52		2850	6443		
2	02	28	20770	14820	39	14242	23	52		3276	7406		
				122680	37	118118	22	54		25762	63933		*

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

P. O. BOX 1049, GRAND JUNCTION, COLORADO

ORE SETTLEMENT

LIQUIDATION NUMBER: 9 v o v

A.E.C. LICENSE NUMBER:

T/S: 1

PERIOD ENDING: 3 13 59

BOUGHT OF

THERMER R LABRUM
BOX 294
URAVAN COLORADO

RECEIVING PLANT CODES
2 - URAVAN, COLO
3 & 4 - RIFLE, COLO
6 - GREEN RIVER, UTAH
7 - SLICKROCK, COLO

MINING CLAIM
BLACKFOOT GROUP

A.E.C. DISTRICT NO.
26

RECV. PLANT	SOURCE VENDOR	SOURCE CLAIM	NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS * U_3O_8	V_2O_5	$CaCO_3$
2	007	9010	52820	3.4	5103400	.17	.052	

* APPROXIMATE AVERAGES

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

DETAIL OF PAYMENT	LBS. OR MILES	RATE	DRY WET/TONS	VALUE
U308 PAYMENT	8452	2.90000	2552	24511
DEVELOPMENT ALLOWANCE	8452	.50	2552	4226
EXCESS 4 LB TON PREM		.75	2552	
EXCESS 10 LB TON PREM		.25	2552	
V205 PAYMENT	26334	.31		8164
LIME PENALTY OVER 6PC			2552	CR
HAULAGE ALLOWANCE	500	.06	2641	792
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 37693

OME
DEPARTMENT OF THE INTERIOR
MAR 27 1959
DENVER COLORADO

E452

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

March 11, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAR 13 1959
DATE 3/13
220
700

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, Docket DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corp. (Blackfoot group) Montrose County, Colorado

Period: February 1959

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1/29/59	9035	8.600	$9.94	$9.81*		
Totals:		8.600	$9.94	$9.81*		

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 5,083.03

J. W. Townsend

jy
cc: Royalty File E 452 w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

P. O. BOX 1049, GRAND JUNCTION, COLORADO

ORE SETTLEMENT

LIQUIDATION NUMBER: 9035

A E C LICENSE NUMBER:

T/S: 1

PERIOD ENDING: 12 29 59

RECEIVING PLANT CODES
2 - URAVAN, COLO.
3 & 4 - RIFLE, COLO.
6 - GREEN RIVER, UTAH
7 - SLICKROCK, COLO.

BOUGHT OF
THERMER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM
BLACKFOOT GROUP

A.E.C. DISTRICT NO. 26

RECV. PLANT	SOURCE VENDOR	SOURCE CLAIM	NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS * U_3O_8	V_2O_5	$CaCO_3$
2	007	9010	17640	2.5	1719900	26	054	101

* APPROXIMATE AVERAGES PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

DETAIL OF PAYMENT	LBS OR MILES	RATE	DRY WET/TONS	VALUE
U308 PAYMENT	4472	350000	860	15652
DEVELOPMENT ALLOWANCE	4472	50	860	2236
EXCESS 4 LB TON PREM	1032	75	860	774
EXCESS 10 LB TON PREM		25	860	
V205 PAYMENT	9287	31		2879
LIME PENALTY OVER 6PC		223	860	1918CR
HAULAGE ALLOWANCE	500	06	882	265
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 19888

OME
DEPARTMENT OF THE INTERIOR
FEB 19 1959
REGION III
DENVER, COLORADO

E452

FORM 250-23.4

UNION CARBIDE NUCLEAR COMPANY
DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

NAME AND ADDRESS

THERMER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM

BLACKFOOT GROUP

SOURCE	T/S	PERIOD ENDING
79010	1	12959

RECEIVING PLANT CODES
2 - URAVAN, COLO.
3 & 4 RIFLE, COLO
6 GREEN RIVER, UTAH
7 SLICKROCK, COLO.

RECV. PLANT	DATE OF RECEIPT MO	DATE OF RECEIPT DAY	SCALE TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	GRADE V_2O_5	GRADE $CaCO_3$	POUNDS U_3O_8	POUNDS V_2O_5	POUNDS $CaCO_3$	* TOT CR
2	01	29	18105	17640	25	17199	26	54	101	4472	9287	173710	
				17640	25	17199	26	54	101	4472	9287	173710	*

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

February 6, 1959

OFFICIAL FILE COPY O. M. E. RECEIVED FEB 11 1959		
DATE	INITIALS	CODE
2/11	C	220
"	[illegible]	700

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, Docket DMEA-2618 (Uranium) Contract Idm-E452, Uranium Development Corp. (Blackfoot group) Montrose County, Colorado

Period: January 1959

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
12/30/58	8914	65.155	$ 99.17	$ 98.17*	No Bonus Due	
1/11/59	8965	58.968	69.97	69.06*		
Totals:		124.123	$169.14	$167.23*		

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 5,074.43

J. W. Townsend

HMC:jy
cc: Royalty File E 452 w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY
DIVISION OF UNION CARBIDE CORPORATION
P. O. BOX 1049, GRAND JUNCTION, COLORADO
ORE SETTLEMENT

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 11 1959

DATE	INITIALS	ACCT. CODE

LIQUIDATION NUMBER: 8914

T/S: 1

PERIOD ENDING: 12 30 58

RECEIVING PLANT CODES
2 - URAVAN, COLO
3 & 4 - RIFLE, COLO
6 - GREEN RIVER, UTAH
7 - SLICKROCK, COLO

BOUGHT OF

THERMER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM

BLACKFOOT GROUP

AEC DISTRICT NO. 26

RECV. PLANT	SOURCE VENDOR	SOURCE CLAIM	NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS * U_3O_8	V_2O_5	$CaCO_3$
2	007	9010	133500	2.4	130310.00	.29	.06	

* APPROXIMATE AVERAGES

PRICED PER A E C CIRCULAR NO 5 (REVISED)

DETAIL OF PAYMENT	LBS. OR MILES	RATE	DRY/WET TONS	VALUE
U308 PAYMENT	37324	350000	6516	130634
DEVELOPMENT ALLOWANCE	37324	50	6516	18662
EXCESS 4 LB TON PREM	11260	75	6516	8445
EXCESS 10 LB TON PREM		25	6516	
V205 PAYMENT	124529	31		38604
LIME PENALTY OVER 6PC			6516	CR
HAULAGE ALLOWANCE	500	06	6675	2003
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 198348

OME
DEPARTMENT OF THE INTERIOR
JAN 16 1959
REGION III
DENVER, COLORADO

E 452

FORM 250 23 4

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

SOURCE: 79010

1

123058

NAME AND ADDRESS

THERMER R LABRUM
BOX 294
URAVAN COLORADO

RECEIVING PLANT CODES
2 URAVAN, COLO
3 & 4 RIFLE, COLO
5 GREEN RIVER, UTAH
7 GRAND JUNCTION, COLO

MINING CLAIM

BLACKFOOT GROUP

RECV PLANT	DATE OF RECEIPT MO	DATE OF RECEIPT DAY	SCALE TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	GRADE V_2O_5	GRADE $CaCO_3$	POUNDS U_3O_8	POUNDS V_2O_5	POUNDS $CaCO_3$	LOT *	LOT CR
2	12	16	12704	17320	20	16974	29	104		4922	17653			
2	12	18	12826	17980	20	17620	29	104		5110	18325			
2	12	23	13181	16980	30	16471	29	104		4777	17130			
2	12	27	13440	14760	25	14391	29	104		4173	14967			
2	12	27	13472	15980	28	15533	30	64		4660	9941			
2	12	28	13524	16940	19	16618	27	100		4487	16618			
2	12	30	13670	15800	26	15389	26	66		4001	10157			
2	12	30	13696	17740	24	17314	30	114		5194	19738			
				133500	24	130310	29	96		37324	124529		*	

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O. M. E.
RECEIVED FEB 11 1959
DATE | INITIALS | CODE

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION
P. O. BOX 1049, GRAND JUNCTION, COLORADO

ORE SETTLEMENT

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 11 1959

DATE	INITIALS

LIQUIDATION NUMBER: 8965

A.E.C. LICENSE NUMBER: | CODE: | T/S: 1

PERIOD ENDING: 1 11 59

RECEIVING PLANT CODES
2 - URAVAN, COLO.
3 & 4 - RIFLE, COLO
6 - GREEN RIVER, UTAH
7 - SLICKROCK, COLO

BOUGHT OF
THERNER R LABRUM
BOX 294
URAVAN COLORADO

MINING CLAIM
BLACKFOOT GROUP

A.E.C. DISTRICT NO. 26

RECV PLANT	SOURCE VENDOR	SOURCE CLAIM	NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS * U_3O_8	V_2O_5	$CaCO_3$
2	007	9010	121620	30	117936 00	26	061	8 2

* APPROXIMATE AVERAGES

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

DETAIL OF PAYMENT	LBS. OR MILES	RATE	DRY/WET TONS	VALUE
U308 PAYMENT	30183	350000	5897	105641
DEVELOPMENT ALLOWANCE	30183	50	5897	15092
EXCESS 4 LB TON PREM	6595	75	5897	4946
EXCESS 10 LB TON PREM		25	5897	
V205 PAYMENT	71682	31		22221
LIME PENALTY OVER 6PC		166	5897	9789CR
HAULAGE ALLOWANCE	500	06	6081	1824
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 139935

OME
DEPARTMENT OF THE INTERIOR
JAN 29 1959
REGION III
DENVER, COLORADO

E 452

FORM [illegible] 23 4

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

NAME AND ADDRESS

THERMER R LABRUM
BOX 294
URAVAN COLORADO

SOURCE: 7901.0

T/S: 1

PERIOD END DATE: 1 11 59

RECEIVING PLANT CODES
2 URAVAN, COLO
3 & 4 RIFLE COLO
6 GREEN RIVER UTAH
7 SLICKROCK COLO

MINING CLAIM

BLACKFOOT GROUP

RECV PLANT	DATE OF RECEIPT MO DAY	SCALE TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	GRADE V_2O_5	GRADE $CaCO_3$	POUNDS U_3O_8	POUNDS V_2O_5	POUNDS $CaCO_3$	TOT % CR
2	0105	14125	17420	22	17037	27	65	82	4600	11074	139703	
2	0106	14218	17800	22	17408	27	65	82	4700	11315	142746	
2	0109	16052	17980	40	17261	27	65	82	4660	11220	141540	
2	0110	16146	16740	32	16204	27	65	82	4375	10533	132873	
2	0110	16161	17400	32	16843	27	65	82	4548	10948	138113	
2	0111	16214	17280	32	16727	22	50	83	3680	8364	138834	
2	0111	16222	17000	32	16456	22	50	83	3620	8228	136585	
			121620	30	117936	26	61	82	30183	71682	970394	*

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 5, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA-2618 (Uranium) Contract Idm-E452, Uranium Development Corp. (Blackfoot group) Montrose County, Colorado

Period: July 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
7/12/58	8217	15.937	$20.80	$20.80	No Bonus Due	
Totals:		15.937	$20.80	$20.80		

8/8 C 220
" ~~me~~ 700

Past Due Royalties Collected:

Total Dry Tons (Ore or Cons.) Shipped to Date: 4950.31

J. W. Townsend
Alternate Acting Executive Officer

MHM:jy

cc: DMEA, G.Jct. w/settlement sheets
Royalty File E452 w/settlement sheets
Monthly Royalty Payment File
Chron.

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

P. O. BOX 1049, GRAND JUNCTION, COLORADO

ORE SETTLEMENT

LIQUIDATION NUMBER: 8217

A E C LICENSE NUMBER	T/S	PERIOD ENDING
P01044	1	6/7/58

RECEIVING PLANT CODES
2 - URAVAN, COLO
3 & 4 RIFLE, COLO.
6 - GREEN RIVER, UTAH
7 - SLICKROCK, COLO

F
BOUM DEVELOPMENT COMPANY
UR 47
BRITA COLORADO
NING CLAIM
CKFOOT GROUP

A.E.C DISTRICT NO 26

PLANT	SOURCE VENDOR	SOURCE CLAIM	NET WEIGHT POUNDS	% H_2O	DRY WEIGHT POUNDS	SETTLEMENT ASSAYS * U_3O_8	V_2O_5	$CaCO_3$
2	15	39010	32620	23	3187400	23	113	

* APPROXIMATE AVERAGES

PRICED PER A E C CIRCULAR NO 5 (REVISED)

DETAIL OF PAYMENT	LBS OR MILES	RATE	DRY/WET TONS	VALUE
U308 PAYMENT	7293	350000	1594	25526
DEVELOPMENT ALLOWANCE	7293	50	1594	3647
EXCESS 4 LB TON PREM	917	75	1594	688
EXCESS 10 LB TON PREM		25	1594	
V205 PAYMENT	35946	31		11143
LIME PENALTY OVER 6PC			1594	CR
HAULAGE ALLOWANCE	600	06	1631	587
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 41591

DMEA
DEPARTMENT OF THE INTERIOR
JUL 17 1958
REGION III
DENVER, COLORADO

E452

FORM 250-23-4

UNION CARBIDE NUCLEAR COMPANY
DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

SOURCE	T/S	PL
1539010	1	6715

NAME AND ADDRESS

URANIUM DEVELOPMENT COMPANY
BOX 347
NATURITA COLORADO

RECEIVING PLANT CODES
2 - URAVAN COLO
3 & 4 - RIFLE, COLO.
6 - GREEN RIVER, UTAH
7 - SLICKROCK, COLO.

MINING CLAIM

BLACKFOOT GROUP

RECV PLANT	DATE OF RECEIPT MO.	DATE OF RECEIPT DAY	SCALE TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	GRADE V_2O_5	GRADE $CaCO_3$	POUNDS U_3O_8	POUNDS V_2O_5	POUNDS $CaCO_3$	* TOT	CR
2	06	17	29045	14520	37	13983	14	70		1958	9788			
2	06	17	29072	12740	8	12638	26	128		3286	16177			
2	06	17	29074	5360	20	5253	39	190		2049	9981			
				32620	23	31874	23	113		7293	35946		*	

W.O.

RECEIVED 10 1958

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

April 7, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket No. DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation (Blackfoot group) Montrose County, Colorado

Period: March 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
2-16/2-27/58	20 106	13.157	$12.08	$12.08	No bonus due	
2-28/3-15-58	30 40	25.868	27.86	27.86	"	"
Totals:		39.025	$39.94	$39.94		

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 4934.37

E. M. Hardman
Acting Executive Officer

cc: Chron
Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
hmh

Form VW 56-C1 BA

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Type of Ore C-1 Carn

AEC LICENSE NO. P-1044

Deliveries to Naturita Mill Claim Name Red Fox Period 2-16/2-27-58

Purchased from Uranium Development Co. Address 1645 Court Place Room 420 Denver, Colo.

Settlement covering various lots beginning No. 88224 Ending No. 88229

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
27770		26314	1.09	.16299	No L.P.	288	42.89	
NET WEIGHT TONS		DRY WEIGHT TONS						
13.885		13.1570						

V205 1.09 % 288 lbs. at .31 Per Lb. $ 89.28

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 89.28

U308 .16299 % 42.89 lbs. at 2.7598 Per Lb. $ 118.37

Content at 4 lbs. per ton ____ lbs.

Premium for lbs in excess of 4 lbs. per ton ____ lbs. at 75c Per Lb. $ ____

Content at 10 lbs. per ton ____ lbs.

Premium for lbs. in excess of 10 lbs. per ton ____ lbs. at 25c Per Lb. $ ____

Total Value U308 $ 118.37

Development Allowance 42.89 lbs. at 50c Per Lb. $ 21.45

Haulage Allowance ____ at ____

13.885 ton x 15 = 208.275 ton miles @ .06 $ 12.50

TOTAL GROSS VALUE $ 241.60

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable Hone-Brooks & neilson $ 18.83

TOTAL NET PAYMENT $ 222.77

VO. NO. 20883 $ 144.62 TO: Hone, Brook & Neilson, Box 347, Naturita, Colo.
VO. NO. 20884 $ 30.76 TO: Hone & Somers, Box 347, Naturita, Colo. (5% V & U & 95% Dev.)
VO. NO. 20885 $ 20.77 TO: Glen Berry, 831-24 Road, Grand Junction, Colo. (10% V & U)
VO. NO. 20886 $ 14.54 TO: Uranium Development Co., 1645 Court Place, Denver, Colo. (7% V&U
VO. NO. 20882 $ 12.08 TO: D.M.E.A.
VO. NO. ____ $ ____ TO: 224 New Custom House, Denver Colo. (5% Gross)
VO. NO. ____ $ ____ TO: ____

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold an AEC Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

DEPARTMENT OF THE INTERIOR
MAR 10 1958
REGION III
DENVER, COLORADO

Seller or Agent

VANADIUM CORPORATION OF AMERICA — ORE RECORD

Shipper: Uranium Development Corp. Address:
Claim: Red Fox A.E.C. No.
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore: Class:
Owner of Claim: Address:
Leased to:
Royalty: % V_2O_5 % % U_3O_8
Min. Grade: % V_2O_5 % U_3O_8 Per Lb. V_2O_5 U

Form No. VW51-C6

Date 1958	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	$CaCO_3$ Pounds	% V_2O_5 Assay	V_2O_5 Pounds	Assay	
2 24	88224		32-2	Home	14660	5.1	13912	3.1		1.02	142	.13	18.09
25	88229				13110	5.4	12402	2.5		1.18	146	.20	24.80
					27770		26314				288		
		February			102300		97070				1264		180.41
							4853						

Durango, Colorado

SETTLEMENT SHEET

AEC LICENSE NO.

Type of Ore C-1 Carnotite

Deliveries to Naturita Mill Claim Name Red Fox Period 2-28/3-15-58

Purchased from Uranium Developement Address 1645 Court Place Room 420 Denver, Colol

Settlement covering various lots beginning No. 88340 Ending No. 88420

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
54140		51736	.99	.19031	NO L.P.	510	98.46	
NET WEIGHT TONS		DRY WEIGHT TONS						
27.070		25.8680						

V205 .99 % 510 lbs. at .31 Per Lb. $158.10

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 158.10

U308 .19031 % 98.46 lbs. at 3.3062 Per Lb. $ 325.53

Content at 4 lbs. per ton lbs.

Premium for lbs in excess of 4 lbs. per ton lbs. at 75c Per Lb. $

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U308 $ 325.53

Development Allowance 98.46 lbs. at 50c Per Lb. $ 49.23

Haulage Allowance at

27.070 ton x 15 miles = 406.050 ton mile @ .06 $ 24.36

TOTAL GROSS VALUE $ 557.22

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 557.22

VO. NO. 21240 $ 376.20 TO: Hone Brook & Neilson Box 347 Naturita, Colorado

VO. NO. 21241 $ 70.95 TO: Hone & Somers Box 347 Naturita, Colo. (5% V & U 95% Dev.)

VO. NO. 21242 $ 48.36 TO: Glen Berry 831-24 Rood Grand Junction, Colorado(10% V & U.)

VO. NO. 21243 $ 33.85 TO: Uranium Development 1645 Court Place Denver, Colorado(7% U &

VO. NO. 21208 $ 27.86 TO: DMEA 224 New Custom House Denver, Colo. (5% Gross)

VO. NO. $ TO:

VO. NO. $ TO:

VO. NO. $ TO:

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DMEA
DEPARTMENT OF THE INTERIOR
MAR 24 1958
REGION III
DENVER, COLORADO

Seller or Agent

VANADIUM CORPORATION OF AMERICA ORE RECORD

Shipper: Uranium Development Co. Address:
Claim: Red Fox (Hon Brook + Nelson A.E.C. No.
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore: Class:
Owner of Claim: Address:
Leased to:
Royalty: % V_2O_5 % % U_3O_8 % Dev.
Min. Grade: % V_2O_5 % U_3O_8 Per Lb. V_2O_5 U_3O_8

Form No. VW51-C6

Date 1958	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	$CaCO_3$ Pounds	% V_2O_5 Assay	V_2O_5 Pounds	% U_3O_8 Assay	U_3O_8 Pounds
2/4	88340		34-4	Home	13550	5.1	12859	3.6		.51	66	.15	19.29
5	88345		✓	✓	13530	6.2	12691	1.8		.68	86	.09	11.42
5	88350		✓	✓	15050	1.9	14764	2.5		1.33	196	.25	36.91
11	88420		37-6	✓	12010	4.9	11422	2.3		1.42	162	.27	30.84
					54140		51736				510		98.46

RECEIVED JAN 20 1958 D.M.E.A.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

March 4, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket No. DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation, (Blackfoot group) Montrose County, Colorado
Period: February 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1-11/1-27-58	1074	101.522	$132.71	$132.71	No bonus due	
1-28/2-15-58	2056	35.378	43.53	43.53	"	
Totals:		136.900	$176.24	$176.24		

OFFICIAL FILE COPY
DMEA
RECEIVED MAR 7 1958
3/7 C. 220
700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 5031.34

W S King
Executive Officer

hmh
cc: Royalty File E452 w/settlement sheets
Monthly Royalty Payment File
Chron

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

AEC LICENSE NO. 1-11/1-7-58

Ore: Uranium

Delivered to: Uranium Development Corp. Mill Claim Name: 1145 Court Place, Room 420, Denver, Colo. Period:

Purchased from: Address:

Settlement covering various lots beginning No. 27330 Ending No. 27385

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
213600		203044	1.28	.21	[illegible]	2599	433.04	
NET WEIGHT TONS		DRY WEIGHT TONS						
106.800		101.5220						

DMEA
DEPARTMENT OF THE INTERIOR
FEB 10 1958
REGION III
DENVER, COLORADO

V205 1.28 % 2599 lbs. at .31 Per Lb. $ 805.69

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 805.09

U308 .21 % 433.04 lbs. at 3.50 Per Lb. $ 1516.64

Content at 4 lbs. per ton 406.09 lbs.

Premium for lbs in excess of 4 lbs. per ton 26.95 lbs. at 75c Per Lb. $ 20.21

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U308 $ 1535.85

Development Allowance 433.04 lbs. at 50c Per Lb. $ 216.52

Haulage Allowance at

106.800 Tons x 10 miles = 1062.00 ton miles @ .09 $ 96.12

TOTAL GROSS VALUE $ 2654.18

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable Lone Broke & Bellson $ 454.64

TOTAL NET PAYMENT $ 2199.54

RECEIVED MAR 8 1958 D.M.E.A.

VO. NO. 20303 $ 106.00 TO: Lone Broke & Bellson, Box 247, Ketchum, Colo.
VO. NO. 20304 $ 322.77 TO: Ross & Somers, Box 347, Ketchum, Colo. (5, 7 & 9 Rev.)
VO. NO. 20316 $ 234.15 TO: Ben Berry, 851-24, Ford, Grand Jct., Colo. (1, 7 & 9)
VO. NO. 20335 $ 163.91 TO: Uranium Development, 1145 Court Place, Denver, Colo. (7, 9 & 9)
VO. NO. 20288 $ 132.71 TO: [illegible] 204 New United Bank, Denver 2, Colo. (5, Fees)
VO. NO. $ TO:
VO. NO. $ TO:
VO. NO. $ TO:
VO. NO. $ TO:

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

E452

VANADIUM CORPORATION OF AMERICA ORE RECORD

Shipper: Uranium Development Co. Address:
Claim: Red Fox (Hone-Brook-Nielson) A.E.C. No.
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore: Class:
Owner of Claim: Address:
Leased to:
Royalty: % V_2O_5 % % U_3O_8 % Dev.
Min. Grade: % V_2O_5 % U_3O_8 Per Lb. V_2O_5 U_3O_8

Form No. VW51-C6

Date 1958	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	$CaCO_3$ Pounds	% V_2O_5 Assay	V_2O_5 Pounds	% U_3O_8 Assay	U_3O_8 Pounds
1/17	87606		34-4	Hone	14420	4.8	13728	4.6		.62	85	.16	21.96
21	87654		✓	✓	16210	4.7	15448	5.5		.85	131	.19	29.35
23	87698		35-6	✓	16800	3.7	16178	4.0		.60	97	.16	25.88
24	87724		✓	✓	17100	5.6	16142	2.4		2.01	324	.24	38.74
25	87747		✓	✓	17280	6.9	16088	1.5		2.12	341	.30	48.26
26	87765		36-1	✓	16540	4.3	15829	1.8		2.11	334	.25	39.57
27	87776		✓	✓	15230	5.9	14331	1.8		2.14	307	.29	41.56
27	87785		✓	✓	17720	4.5	16423	2.1		2.00	338	.27	45.69
					131300		124667				1957		291.01
													433.04
		January			213600		203044				2599		
							101.52						

VANADIUM CORPORATION OF AMERICA — ORE RECORD

Shipper: Uranium Development Co. Address:
Claim: Red Fox (Hone-Brooks-Neilson) A.E.C. No.
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore: Class:
Owner of Claim: Address:
Leased to:
Royalty: % V_2O_5 % % U_3O_8 % Dev.
Min. Grade: % V_2O_5 % U_3O_8 Per Lb. V_2O_5 U_3O_8

Form No. VW51-C8

Date	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	$CaCO_3$ Pounds	% V_2O_5 Assay	V_2O_5 Pounds	% U_3O_8 Assay	U_3O_8 Pounds
1958													
1	6 87330		32-2	~~Hone~~ Hone	17420	4.8	16584	4.0		.99	164	.22	36.48
	9 87400		✓	✓	15480	4.7	14752	3.3		.92	136	.26	38.36
	13 87490		34-4	✓	15960	4.7	15210	3.4		.70	106	.18	27.38
	14 87508		✓	✓	16390	4.3	15685	3.7		.94	147	.12	18.82
	15 87559		✓	✓	17050	5.3	16146	3.8		.55	89	.13	20.[illegible]
					122[illegible]0		78377				642	[illegible]	[illegible]

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

February 10, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket No. DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation, (Blackfoot group) Montrose County, Colorado
Period: January, 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
11/28-12/31/57		129.132	$157.54	$157.54	No bonus due	

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DMEA
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DATE	INITIALS	CODE
2/13	C	220
	Chang	700

Totals: 129.132 $157.54 $157.54
Balance due on Lot #110111/our Ltr. of 12/12/57 - $4.62
Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4895.34

W H Kung
Executive Officer

Chron
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
hmh

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

A.E.C. Mill Lim Name Red Fox

Uranium Development Corporation Address 1645 Court Place, Room 420, Denver

Covering various lots beginning No. 35563 Ending No. 5776

Net Weight Dry Tons	% H2O	Dry Weight Short Tons	% P2O5	% U3O8	% CaCO3	CONTAINED V2O5	CONTAINED U3O8	POUNDS CaCO3
[illegible]		[illegible]	[illegible]	.1265	No L.F.	3346	506.99	
Weight Lost		Weight Total Tons						
196.715		196.715						

V2O5 .020 % 3346 lbs. at .32 Per Lb. $ 1037.26

Less High Lime Penalty ..... tons at ..... Per Ton $.....

Total Value V2O5 ..... $ 1037.26

U3O8 .1265 % 506.99 lbs. at 3.4262 Per Lb. $ 1737.05

Content at 4 lbs. per ton ..... lbs.

Premium for lbs in excess of 4 lbs. per ton ..... lbs. at 75c Per Lb. $.....

Content at 10 lbs. per ton ..... lbs.

Premium for lbs. in excess of 10 lbs. per ton ..... lbs. at 25c Per Lb. $.....

Total Value U3O8 ..... $ 1737.05

Development Allowance 506.99 lbs. at 50c Per Lb. 253.50 $ 253.50

Haulage Allowance ..... at .....

196.715 tons x 15 miles = 2050.725 ton miles @ .06 $ 123.04

TOTAL GROSS VALUE ..... $ 3150.85

Less Royalty ..... %V2O5 ( ) ..... %U3O8 ( ) ..... $.....

Less Accounts Receivable Hone, Brooks, & Nielson $1704.89

TOTAL NET PAYMENT ..... $ 1445.96

VO. NO. 19648 $ 437.24 TO: Hone, Brooks & Nielson, Box 347, Naturita, Colorado

VO. NO. 19649 $ 379.55 TO: Hone & Somers, Box 347, Naturita, Colorado (5% V & U 95% Dev)

VO. NO. 19650 $ 277.43 TO: Glenn Berry, 831 24 Road, Grand Jct., Colorado (10% V & U)

VO. NO. 19650 $ 194.20 TO: Uranium Development Co., 1645 Court Place, Room 420, Denver

VO. NO. 19651 $ TO: Colorado (7% V & U)

VO. NO. 19652 $ 157.54 TO: Defense Minerals Exploration Administration, 204 New Custom

VO. NO. $ TO: House, Denver 2, Colorado. (5% Gross)

VO. NO. $ TO:

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

DMEA
DEPARTMENT OF THE INTERIOR
JAN 6 - 1958
REGION III
DENVER, COLORADO

ORIGINAL COPY
DMEA
RECEIVED FEB 13 1958

DATE		CODE

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Uranium Development Corp. Address:
Claim: Red Fox A.E.C. No.
District: Locality: State: County:
Mileage from Mine to Mill: Hom, Brooks + Nelson Equip. Rental: per wet ton

Type of Ore: Class:
Owner of Claim: Address:
Leased to:
Royalty: % V_2O_5 % U_3O_8 %
Min. Grade: % V_2O_5 % U_3O_8 Per Lb. V_2O_5 U_3O_8

Date	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	% V_2O_5 Assay	V_2O_5 Pounds	Per Lb. V_2O_5	Total Value V_2O_5	% U_3O_8 Assay	U_3O_8 Pounds	Per Lb. U_3O_8	Total Value U_3O_8	Devel. Allow.	Total Value
1957																		
11 29	86563		30-1	Hom	14820	5.9	13946	2.2	.95	132			.14	19.52				
30	86585		/	/	15320	5.4	14493	1.7	1.55	225			.19	27.54				
12 1	86600		/	/	14260	7.0	13262	2.0	.58	77			.13	17.24				
1	86606		/	/	15900	5.2	15073	1.6	1.25	188			.16	24.12				
2	86612		31-4	/	15460	6.0	14532	1.5	1.89	275			.21	30.52				
3	86645		/	/	12250	4.6	11687	9.7	.63	74			.19	22.21				
4	86666		/	/	12720	5.7	11995	6.9	.38	46			.08	9.60				
6	86714		/	/	14340	4.7	13666	1.9	1.70	232			.24	32.80				
7	86732		/	/	16030	6.7	14956	1.5	1.78	266			.21	31.41				
8	86754		/	/	15490	7.0	14406	4.8	1.32	190			.25	36.02				
9	86744		/	/	16660	4.6	15894	3.2	1.25	199			.17	27.02				
10	86769		/	/	16960	6.3	15892	1.5	1.70	270			.26	41.32				
11	86825		/	/	16430	5.9	15461	1.2	1.46	226			.10	15.46				
12	86839		/	/	16720	4.6	15951	2.2	1.04	166			.21	33.50				
13	86895		/	/	14890	3.9	14309	2.5	.94	135			.16	22.89				
14	86911		/	/	14210	4.5	13571	3.5	1.29	175			.50	67.86				
					247460		229[illegible]			2876				[illegible].03				
12 19	87019		30-1	Hom	14470	5.6	13660	1.8	1.42	194			.09	12.29				
20	87064		/	/	16500	6.0	15510	1.5	1.78	276			.23	35.67				
					30970		29170			470				47.96				
				Remainder	273430		258264			3346				506.99				

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DMEA
RECEIVED FEB 13 1958

DATE		CODE

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

January 6, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 2618 (Uranium) Contract Idm-E452 Uranium Development Corporation (Blackfoot Group) Montrose County, Colorado
Period: December, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
11-16/11-27-57		95.852	$117.60	$112.98*	No bonus due	

OFFICE OF THE COMPTROLLER
DMEA
RECEIVED JAN 8 1958

DATE	INITIALS	CODE
1/8	gb	220
4	[illegible]	700
	[illegible]	

Totals: 95.852 $117.60 $112.98

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4766.21

W H King
Executive Officer

Chron
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
hmh

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

AEC LICENSE NO. R-1044

...e C-1 Carnotite

...s to Naturita, Mill Claim Name Red Fox Period 11-16/11-27-57

...ased from Uranium Development Corporation Address Denver, Colorado

...lement covering various lots beginning No. 86255 Ending No. 86535

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
205490		191703	1.19	.20	2.7	2278	387.56	5165
NET WEIGHT TONS		DRY WEIGHT TONS						
102.745		95.8515						

V205 1.19 % 2278 lbs. at .31 Per Lb. $ 706.18

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V205 ..... $ 706.18

U308 .20 % 387.56 lbs. at 3.50 Per Lb. $ 1356.46

Content at 4 lbs. per ton 383.41 lbs.

Premium for lbs in excess of 4 lbs. per ton 4.15 lbs. at 75c Per Lb. $ 3.11

Content at 10 lbs. per ton ..... lbs.

Premium for lbs. in excess of 10 lbs. per ton ..... lbs. at 25c Per Lb. $ .....

Total Value U308 ..... $ 1359.57

Development Allowance 387.56 lbs. at 50c Per Lb. ..... $ 193.78

Haulage Allowance ..... at .....

102.745 Tons x 15 Miles = 1541.175 Ton Miles @ .06 ..... $ 92.47

TOTAL GROSS VALUE ..... $ 2352.00

Less Royalty ..... %V205 ( ) ..... %U308 ( ) ..... $ .....

Less Accounts Receivable ..... $ .....

TOTAL NET PAYMENT ..... $ 2352.00

DMEA
DEPARTMENT OF THE INTERIOR
DEC 11 1957
REGION III
DENVER, COLORADO

RECEIVED

VO. NO. 19219 $ 1600.66 TO: Hume, Brooks & Nielson, Box 347, Naturita, Colorado

VO. NO. 19220 $ 387.38 TO: Hume & Somers, Box 347, Naturita, Colorado (5% V & U 95% Dev)

VO. NO. 19221 $ 206.38 TO: Glenn Berry, 831 24 Road, Grand Jct., Colorado (10% V & U)

VO. NO. 19222 $ 144.60 TO: Uranium Development Co., 1645 Court Place, Room 420, Denver Colorado (7% V & U)

VO. NO. ~~19223~~ $ 112.98 TO: Defense Minerals Exploration Administration, 204 New Customs House, Denver 2, Colo. (5% V205 & U308 & Development)

VO. NO. 19198 $ ..... TO: .....

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

E452

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Uranium Dev. Corp Address:
Claim: Red Fox A.E.C. No.:
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore:
Owner of Claim:
Leased to:
Royalty: % V_2O_5:
Min. Grade: % V_2O_5: % U_3O_8

Form No. VW81-C4 Brosh, Mickey & Hone

Date 1957	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	% V_2O_5 Assay	V_2O_5 Pounds	Per Lb. V_2O_5	Total Value V_2O_5	% U_3O_8 Assay	U_3O_8 Pounds	Per Lb. U_3O_8	Total Value U_3O_8
11/16	86255		301	Hone	15510	6.3	14533	1.4	.38	55			.10	14.53		
17	86267		✓	✓	13090	9.4	11860	1.5	.56	66			.17	20.16		
18	86269		✓	✓	15180	7.1	14102	1.1	1.91	269			.34	47.95		
18	86283		✓	✓	14840	6.2	13920	1.4	.73	102			.15	20.88		
19	86316		27.2	✓	15090	6.9	14049	1.2	2.02	284			.33	46.36		
21	86350		✓	✓	14860	7.3	13775	8.0	.63	87			.14	19.29		
21	86370		✓	✓	13000	6.1	12207	2.0	1.95	238			.26	31.74		
22	86400		✓	✓	14700	6.4	13759	1.4	.71	98			.10	13.76		
23	86417		✓	✓	14280	5.9	13437	1.6	.75	101			.12	16.12		
23	86423		✓	✓	15560	6.4	14564	1.3	1.60	233			.15	21.85		
25	86454		✓	✓	16050	6.2	15055	1.5	.77	116			.13	19.57		
26	86479		✓	✓	14710	6.4	13769	0.9	.92	127			.15	20.65		
26	86488		✓	✓	14130	6.5	13212	1.7	1.82	240			.35	46.24		
27	86515		✓	✓	14490	7.1	13461	1.1	1.95	262			.36	48.46		
					205490		191703			2278				387.56		
		November			205490		191703			2278				387.56		
							9585									

DMEA
RECEIVED DEC 9 1957
DATE | INITIAL | CODE
12-9 | C | 220
" | Ching | 700

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

December 5, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation (Blackfoot group) Montrose County, Colorado
Period: November, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
8/27-9/15-56		33.292	$70.19	$70.19	No bonus due	
9/15-9/27/56		53.322	39.53	39.53	"	"
1/16-1/27/57		17.866	12.82	12.82	"	"
2/16-4/27/57		133.570	54.84	54.85*	"	"
				177.39		
	11056	---	---	8.80* Transferred to E 103 Doc. 3355		
	11065	29.345	18.56	18.56		
	11066	16.731	13.42	13.42		
	11067	35.050	60.06	60.06		
				100.84		

* Royalty paid on production from land not subordinated to the Government.

Totals: 319.176 $269.42 $278.23

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4639.394

W H Fung
Executive Officer

Chron
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
hmh

Form No. VW51—C1

VANADIUM CORPORATION OF AMERICA
SETTLEMENT SHEET

SHEET NO. 1 LICENSE NO. P-1044 DATE 8/27 - 9/15, 1956

SHIPPED BY DeVar Shumway MINE OWNER Uran. Development Corp.

ADDRESS Grand Junction, Colorado NAME OF MINE OR LEASE Good Hope Group

LEASED TO _____ LEASED FROM _____

ADDRESS _____ ADDRESS _____ TYPE OF ORE C-1 Carn. n

Lot No.	Gross Wt.	% H_2O	Net Weight	% $CaCo_3$	% V_2O_5	Lbs. V_2O_5	Per Lb. V_2O_5	Value V_2O_5	% U_3O_8	Lbs. U_3O_8	Per Lb. U_3O_8	Value U_3O_8	Devel. Allow.	Value Total	Accts. Rec.	Balance	Lbs. $CaCo_3$
76308	9720	5.2	9215	1.9	2.32	214			.30	27.65							
76310	12160	4.8	11576	2.0	2.51	291			.51	59.04							
76311	11330	4.0	10877	2.0	2.06	224			.33	35.89							
76338	12560	3.1	12171	2.0	2.09	254			.26	31.64							
76343	11920	3.7	11479	1.8	2.09	240			.26	29.85							
76372	11760	4.2	11266	2.2	1.98	223			.28	31.54							
	69450		66584		2.17	1446	.31	448.26	.32	215.61	3.50	754.64					

#1

Prem. 33.292 tons x 4 lbs. = 133.17 215.61 - 133.17 = 82.44 .75 61.83

816.47 107.81 1372.54

Hauling 34.725 tons x 15 miles = 520.875 ton miles @ .06 31.25

1403.79

A/R DeVar Shumway 488.03

915.76

CHECK NO. 8074 9-25-56 $517.07 TO: DeVar Shumway 215 Landsdowne Grand Junction, Colorado

CHECK NO. 8075 $164.41 TO: Uranium Development Corp. 1407 Mile High Center, Denver, Colo.

CHECK NO. 8076 $ (13% V205 & U308

CHECK NO. $234.28 TO: Glenn Berry 821 24 Road Grand Junction Colorado

CHECK NO. $ (10% V205 & U308 & 100% Development)

CHECK NO. $

I hereby certify that the ore described above and sold is from the GOOD HOPE GROUP Mine, and that I have authority from its owner to remove and sell the same, that said ore is not encumbered by any liens or attachments and receipt of payment in full is hereby acknowledged.

Vendor

By

DEC 9

Form No. VW51—C1

VANADIUM CORPORATION OF AMERICA

SETTLEMENT SHEET

SHEET NO. 1 LICENSE NO. [illegible] DATE 9-13/9-27-56, 195

SHIPPED BY J. K. Longwill, Sr. MINE OWNER Uranium Development Corporation

ADDRESS Naturita, Colorado NAME OF MINE OR LEASE Red Fox

LEASED TO LEASED FROM

ADDRESS ADDRESS TYPE OF ORE C-1 Carn.

Lot No.	Gross Wt.	% H_2O	Net Weight	% $CaCO_3$	% V_2O_5	Lbs. V_2O_5	Per Lb. V_2O_5	Value V_2O_5	% U_3O_8	Lbs. U_3O_8	Per Lb. U_3O_8	Value U_3O_8	Devel. Allow.	Value Total	Accts. Rec.	Balance	Lbs. $CaCO_3$
76905	[illegible]	2.9	[illegible]	6.7	.70	135			.15	29.90							1391
76907	[illegible]	3.4	[illegible]	6.4	.98	184			.19	36.07							1215
76908	[illegible]	3.3	[illegible]	5.9	.96	146			.14	21.43							911
76909	[illegible]	4.4	[illegible]	7.0	1.22	271			.15	37.12							1265
76973	[illegible]	2.4	[illegible]	6.9	.75	150			.11	16.70							1173
76972	[illegible]	3.7	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]							[illegible]
	[illegible]		[illegible]	6.7	.98	[illegible]	.31	334.68		168.18	2.6536	446.23	84.08	790.67			7178
									.15768								

Lbs. Penalty 55.3213 tons @ 1.21 44.12

356.35

#2

Loan A/R
J.K. Longwill, Sr. 253.25

537.47

CHECK NO. [illegible] 10-3-56 $ 305.81 To L. J. Longwill, Sr. Naturita, Colo

CHECK NO. [illegible] $ 77.72 To Uran. Development Corp., 1407 Mile High Center, Denver, Colo (11% 7805 & [illegible]

CHECK NO. [illegible] $ 154.70 To Glenn Murry, 821, 24 Road, Grand Jct., Colo. ([illegible]#306, 15% Dev.)

CHECK NO. $

CHECK NO. $

CHECK NO. $

I hereby certify that the ore described above and sold is from the Red Fox Mine, and that I have authority from its owner to remove and sell the same, that said ore is not encumbered by any liens or attachments and receipt of payment in full is hereby acknowledged.

Vendor

By

Form No. VW51—C1

VANADIUM CORPORATION OF AMERICA
SETTLEMENT SHEET

SHEET NO. 1 LICENSE NO. P-1044 DATE 1-16/1-27-57, 195

SHIPPED BY H. L. Dowell MINE OWNER Uranium Dev. Corp.

ADDRESS Uravan, Colorado NAME OF MINE OR LEASE North Black Foot

LEASED TO H. L. Dowell LEASED FROM Uran. Dev. Corp.

ADDRESS Uravan, Colorado ADDRESS Denver, Colorado TYPE OF ORE C-1 Carn. n

Lot No.	Gross Wt.	% H_2O	Net Weight	% $CaCO_3$	% V_2O_5	Lbs. V_2O_5	Per Lb. V_2O_5	Value V_2O_5	% U_3O_8	Lbs. U_3O_8	Per Lb. U_3O_8	Value U_3O_8	Devel. Allow	Value Total	Accts. Rec.	Balance
#4	37970		35731 17.86	2.7	1.14	407	.31	126.17	.12712	45.42	2.0424	92.77	22.71	241.65		
Hauling 18.985 tons x 13 miles = 246.805 ton miles @ .06¢														14.81		
														256.46		
A/R H. L. Dowell															2.90	253.56

CHECK NO. 8602 2-10-57 $ 137.93 TO: H. L. Dowell, Box 375, Uravan, Colo. (75% Bal.)

CHECK NO. 8603 $ 24.08 TO: Uran. Dev. Corp., 1407 Mile High Center, Denver, Colo. (11% U & V)

CHECK NO. 8604 $ 44.60 TO: Glann Barry, 831 24 Road, Grand Jc't., Colo. (10% U & V)

CHECK NO. 8605 $ 46.95 TO: Leonard J. Hunt, Box 434, Uravan, Colo. (25% Bal.)

CHECK NO. $

CHECK NO. $

I hereby certify that the ore described above and sold is from the NORTH BLACK FOOT Mine, and that I have authority from its owner to remove and sell the same, that said ore is not encumbered by any liens or attachments and receipt of payment in full is hereby acknowledged.

Vendor

By

MONTROSE DAILY PRESS 9-55-1M

Form VW 56-C1

MAY 14 1957

VANADIUM CORPORATION OF AMERICA
Durango, Colorado

4 0 95

Type of Ore C-1 Carn

SETTLEMENT SHEET

AEC LICENSE NO. P-1044

Deliveries to Naturita Mill Claim Name Red Fox Period 2-16/4-27-57

Purchased from Uranium Development Corp Address Denver, Colo

Settlement covering various lots beginning No. 80268 Ending No. 81410

NET WEIGHT POUNDS	% H2O	DRY WEIGHT POUNDS	% V2O5	% U3O8	% CaCO3	CONTAINED POUNDS V2O5	U3O8	CaCO3
278340		267140	.60	.12334	7.9	1593	329.48	21139
NET WEIGHT TONS		DRY WEIGHT TONS						
139.17		133.57						

V2O5 .60 % 1593 lbs. at .31 Per Lb. $ 493.83

Less High Lime Penalty 133.57 tons at 1.57 Per Ton $ 209.70

Total Value V2O5 $ 284.13

U3O8 .12334% 329.48 lbs. at 1.9668 Per Lb. $ 648.02

Content at 4 lbs. per ton lbs.

Premium for lbs. in excess of 4 lbs. per ton lbs. at 75c Per Lb. $

Content at 10 lbs. per ton lbs.

Premium for lbs. in excess of 10 lbs. per ton lbs. at 25c Per Lb. $

Total Value U3O8 $ 648.02

Development Allowance 329.48 lbs. at 50c Per Lb. $ 164.74

Haulage Allowance at

Paid to Geo Rogers $

TOTAL GROSS VALUE $ 1096.89

Less Royalty %V2O5 ( ) %U3O8 ( ) $

Less Accounts Receivable H L Dowell, Sr. $ 839.43

TOTAL NET PAYMENT $ 257.46

CHECK NO. $ 00.00 TO: H L Dowell Sr, 192 1st Street, Lake Odessa

CHECK NO. 15023 $ 93.22 TO: Uranium Development Corp, 1407 Miles High Center, Denver, Colo. (10% 1st)

CHECK NO. $ TO:

CHECK NO. 15024 $ 164.24 TO: Glenn Berry, 831 24 Road, Grand Jct, Colo.

CHECK NO. $ TO: (10% U.F.U. + 100% To Dev)

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

Durango Daily Press 1-57-2m

Form VW, 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

11 0 685

Type of Ore: C-1 Carnotite

AEC LICENSE NO.: P-1044

Deliveries to: Naturita

Mill Claim Name: Blackfoot Group

Period: 10-28/11-15-57

Purchased from: Uranium Development Corporation

Address: 1645 Court Place, Room 420, Denver, Colorado

Settlement covering various lots beginning No.: 86126

Ending No.: 86153

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
62330		58689	.89	.13355	No. L.P.	522	78.38	
NET WEIGHT TONS		DRY WEIGHT TONS						
31.165		29.3445						

V205 .89 % 522 lbs. at .31 Per Lb. $ 161.82

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 161.82

U308 .13355 % 78.38 lbs. at 2.1710 Per Lb. $ 170.16

Content at 4 lbs. per ton ____ lbs.

Premium for lbs in excess of 4 lbs. per ton ____ lbs. at 75c Per Lb. $ ____

Content at 10 lbs. per ton ____ lbs.

Premium for lbs. in excess of 10 lbs. per ton ____ lbs. at 25c Per Lb. $ ____

Total Value U308 $ 170.16

Development Allowance 78.38 lbs. at 50c Per Lb. $ 39.19

Haulage Allowance ____ at ____

Hauled by V.C.A. $ 371.17

TOTAL GROSS VALUE $ ____

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable $ ____

TOTAL NET PAYMENT $ 371.17

VO. NO. 8681 $ 299.49 TO: Don W. Hone & Leslie Somers, Naturita, Colorado

VO. NO. ____ $ 18.56 TO: Defense Minerals Exploration Administration, 204 New Custom House, Denver, Colorado (5% V,U, & Dev.)

VO. NO. ____ $ 19.92 TO: Uranium Development Corporation, 1645 Court Place, Denver, Colo. (6% U & V)

VO. NO. ____ $ 33.20 TO: Glen Berry, 831 24 Road, Grand Junction, Colorado (10% V & U)

VO. NO. ____ $ ____ TO: ____

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

NOV 26 1957
REGION
DENVER, COLOR.

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Hone + Somers Address:
Claim: Blackpoint A.E.C. No.:
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Owner of Claim:
Leased to: Uranium
Royalty: % V_2O_5
Min. Grade: % V_2O_5

Form No. VWAI-C4

Date 1953	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	% V_2O_5 Assay	V_2O_5 Pounds	Per Lb. V_2O_5	Total Value V_2O_5	% U_3O_8 Assay	U_3O_8 Pounds	Per Lb. U_3O_8	Total U_3O_8
11 13	86126		30-1	8-147	21980	5.0	20881	3.4	.90	188			.14	29.23		
13	86128		'	8-73	20170	5.3	19101	3.4	1.05	201			.13	24.83		
14	86153		'	8-147	20180	7.3	18707	3.5	.71	133			.13	24.32		
					62330		58689			522				78.38		

Paid 11-15-53

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Type of Ore: C-1 Carnotite

AEC LICENSE NO. P-1044

Deliveries to: Naturita Mill Claim Name: Good Hope Period: 10-28/11-15-57

Purchased from: Uranium Development Corporation Address: Denver, Colorado

Settlement covering various lots beginning No. 86158 Ending No. 86166

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
74230		70100	1.79	.28	No. L.P.	1253	193.26	
NET WEIGHT TONS		DRY WEIGHT TONS						
37.115		35.050						

V205 1.79 % 1253 lbs. at .31 Per Lb. $ 388.43

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 388.43

U308 .28 % 193.26 lbs. at 3.50 Per Lb. $ 676.41

Content at 4 lbs. per ton 140.20 lbs.

Premium for lbs in excess of 4 lbs. per ton 53.06 lbs. at 75c Per Lb. $ 39.80

Content at 10 lbs. per ton ____ lbs.

Premium for lbs. in excess of 10 lbs. per ton ____ lbs. at 25c Per Lb. $ ____

Total Value U308 $ 786.21

Development Allowance 193.26 lbs. at 50c Per Lb. $ 96.63

Haulage Allowance ____ at ____

Hauled by V.C.A. $ ____

TOTAL GROSS VALUE $ 1201.27

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable $ ____

TOTAL NET PAYMENT $ 1201.27

VO. NO.	$ 795.35	TO: Jim Brooks & Lloyd Nielson, Naturita, Colorado
VO. NO. 8681	$ 60.06	TO: Defense Minerals Exploration Administration, 204 New Custom House, Denver, Colorado (5% V,U & Dev.)
VO. NO.	$	TO:
VO. NO.	$ 88.37	TO: Uranium Development Corp., 1645 Court Place, Room 420, Denver Colorado (Sliding Scale lease 5% on V & U)
VO. NO.	$	TO:
VO. NO.	$ 110.46	TO: Glenn Berry, 831 24 Road, Grand Junction, Colo. (10% V & U)
VO. NO.	$	TO:
VO. NO.	$ 147.05	TO: Home & Remsen, Box 347, Naturita, Colorado (3% V & U, 2.5% Dev.)

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

DMEA
DEPARTMENT OF THE INTERIOR
NOV 27 1957
REGION III
DENVER, COLORADO

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Brooks + Nielson Address:
Claim: Good Hope A.E.C. No.:
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore:
Owner of Claim:
Leased to: Uranium
Royalty: % V_2O_5
Min. Grade: % V_2O_5

Form No. VW61-C6

Date 1957	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	% V_2O_5 Assay	V_2O_5 Pounds	Per Lb. V_2O_5	Total Value V_2O_5	% U_3O_8 Assay	U_3O_8 Pounds	Per Lb. U_3O_8	Total Value U_3O_8
11	14 86158		30-1	Kramer	18560	4.0	17818	1.9	1.68	299			.24	42.76		
	14 86161		-	8-73	17860	5.4	16896	1.4	1.61	272			.23	38.86		
	15 86237		-	8-73	20840	6.5	19485	1.2	2.04	397			.32	62.35		
	14 86166		-	Kramer	16970	6.3	15901	1.1	1.79	285			.31	49.29		
					74230		70100			1253				193.26		

Paid 11-15-57

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Type of Ore C-1 Carnotite

AEC LICENSE NO. P-1044

Deliveries to Naturita Mill Claim Name Rattlesnake Period 10-28/11-15-57

Purchased from Uranium Development Corp. Address Denver, Colorado

Settlement covering various lots beginning No. 86164 Ending No. 86194

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
34620		33461	1.03	.15519	no LP	346	51.93	
NET WEIGHT TONS		DRY WEIGHT TONS						
17.310		16.7305						

V205 1.03 % 346 lbs. at .31 Per Lb. $ 107.26

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V205 ..... $ 107.26

U308 .15519 % 51.93 lbs. at 2.6038 Per Lb. $ 135.22

Content at 4 lbs. per ton ..... lbs.

Premium for lbs in excess of 4 lbs. per ton ..... lbs. at 75c Per Lb. $ .....

Content at 10 lbs. per ton ..... lbs.

Premium for lbs. in excess of 10 lbs. per ton ..... lbs. at 25c Per Lb. $ .....

Total Value U308 ..... $ 135.22

Development Allowance 51.93 lbs. at 50c Per Lb. ..... $ 25.97

Haulage Allowance ..... at .....

..... $ .....

TOTAL GROSS VALUE ..... $ 268.45

Less Royalty ..... %V205 ( ) ..... %U308 ( ) ..... $ .....

Less Accounts Receivable ..... $ .....

TOTAL NET PAYMENT ..... $ 268.45

VO. NO. ..... $ 179.45 TO: James & Kent Rolands, Pioche, Nevada
VO. NO. ..... $ 36.79 TO: Hume & Somers, Box 347, Naturita, Colorado (5% V, U & 95%D)
VO. NO. ..... $ 24.24 TO: Glen Berry, 831 24 Road, Grand Junction, Colorado (10% V&U)
VO. NO. ..... $ 14.55 TO: Uranium Development Corp., 1645 Court Place, Room 420, Denver, Colorado ~~(XXXXXXXX~~ 6% V&U)
VO. NO. 8681 $ ..... TO:
VO. NO. ..... $ 13.42 TO: Defense Minerals Exploration Administration, 204 New Custom House, Denver, Colo. ~~XXX~~ (5% V, U, &D)
VO. NO. ..... $ ..... TO:

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the ore described in this settlement sheet and have legal right to deliver the same to the Vanadium Corporation of America. I certify that I hold A.E.C. Source Material License numbered above. I hereby transfer to the Vanadium Corporation of America, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore. I agree to save Vanadium Corporation of America harmless in the event my right to convey title is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Stone + Somers Address:
Claim: Rattlesnake A.E.C. No.:
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore:
Owner of Claim:
Leased to: Uranium Dev.
Royalty: % V_2O_5
Min. Grade: % V_2O_5

Form No. VW51-C6

Date 1957	Lot No.	Claim	Stock-pile No.	Hauler	Gross Wt. Pounds	% H_2O	Dry Wt. Pounds	% $CaCO_3$	% V_2O_5 Assay	V_2O_5 Pounds	Per Lb. V_2O_5	Total Value V_2O_5	% U_3O_8 Assay	U_3O_8 Pounds	Per Lb. U_3O_8	Total Value U_3O_8
11/14	86164		30-1	8-73	17090	3.4	16509	3.0	.81	134			.14	23.11		
14	86194		—	/	17530	3.3	16952	2.8	1.25	212			.17	28.82		
					34620		33461			346				51.93		

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

September 5, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA-2618 (Uranium) Contract Idm-E452, Uranium Development Corporation (Blackfoot Group) Montrose County, Colorado
Period: August, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
7/23/57	7476	24.404	$22.93	$22.93	No bonus due	

9-16 " C 220 700

Totals:	24.404	$22.93	$22.93

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4320.218

E. M. Hershman

Acting Executive Officer

cc: Chron
Royalty File E452 w/settlement sheets
Monthly Royalty Payment File
hmh

UNION CARBIDE NUCLEAR COMPAN
[redacted] Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Grand Junction, [redacted] Colorado, July 23 1957
Liquidation No. 7476 Lot No. Du Lord Detail Shippers Lot No.
Bought of Uranium Development Corp A.E.C. License No. P-1044
Address 1675 Broadway, Denver, Colorado
Type of Ore Carnotite
Mining Claim Rattlesnake Mining District Uravan-Eagle Basin Date Received 7-15-57 Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	49280	1.0	48807.76	0.15	1.37	approx average	71.40	669.45	

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	71.40	2.50	24.40		178.50	
Development Allowance	71.40	.50	24.40		35.70	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						214.20
V205 Payment	669.45	.31	24.40		207.53	
Total V205 Payment						207.53
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 24.64 Wet Tons @ 1.50 per wet ton mile						36.96
Total U3O8, V2O5 and Haulage Payment						458.69

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

TOTAL E452

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Grand Junction, [redacted] Colorado, July 23, 1957

Receiving Station Uravan Colo.
Liquidation No. 7474 Lot No. Lucid Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. P-1044
Address 1445 [redacted], Denver Colo.
Type of Ore Carnotite Date Received 7-15-57
Mining Claim Rattle snake Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	49280	1.0	48807.76	0.15	1.37		71.40	669.45	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	71.40	2.50	24.40		178.50	
Development Allowance	71.40	.50	24.40		35.70	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						214.20
V205 Payment	669.45	.31	24.40		207.53	
Total V205 Payment						207.53
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 24.64 Wet Tons @ 1.50 per wet ton mile						36.96
Total U3O8, V2O5 and Haulage Payment						458.69

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

e Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 7-1 7-15-57

NAME Uranium Development Corp. ADDRESS Denver, Colo.

CLAIM Rattlesnake

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
7-8	95960	19360	729457	1.0	19166.40	0.20	38.33	1.16	222.33
7-12	96370	13840	740457	1.2	13673.92	0.09	12.31	1.53	209.21
7-15	96631	16080	757457	0.7	15967.44	0.13	20.76	1.49	237.91
		49280		1.0	48807.76	0.15	71.40	1.37	669.45

TOTAL E452

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 6, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation (Blackfoot group) Montrose County, Colorado
Period: July 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
7/15/57	7455	39.080	$27.80	$27.80	No bonus due	
Totals:		39,080	$27.80	$27.80		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4320.218

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 8 1957

DATE	INITIALS	CODE
8/8	P.K.	220
"	[illegible]	700

E. M. Hirschman
Acting Executive Officer

Chron
cc: Royalty File E 452 w/settlement sheets
~~xMonthly xRoyalty xPayment xFile~~
hmh

2

UNION CARBIDE NUCLEAR COMP[redacted]Y
[redacted] Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, [redacted] Colorado, July - 15, 19 57
Liquidation No. 2455 — Lot No. Sealed Bulk — Shippers Lot No.
Bought of Uranium Development Corp — A.E.C. License No. P-1044
Address Mill Hugh Cutler, Uravan, Colorado
Type of Ore Carnotite — Date Received 6-16 6-30-57
Mining Claim Blackfoot - Sonny — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	86450	7.8	78160.37	0.14	0.81		107.13	631.03	

PRICED PER A.E.C. CIRCULAR NO.

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	107.13	7.30	39.08		746.40	
Development Allowance	107.13	.50	39.08		53.57	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						799.97
V205 Payment	631.03	.31			195.67	
Total V205 Payment						195.67
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 40.77 Wet Tons @ 1.50 per wet ton mile						60.33
Total U3O8, V2O5 and Haulage Payment						555.97

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	Date
Check Number	Date 7-18-57

Appr

E452

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

July 8, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 2618 (Uranium) Contract Idm-E452, Uranium Development Corporation (Blackfoot Group) Montrose County, Colorado
Period: June 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
6/6/57	7377	11.740	$16.43	$16.43	No bonus due	
6/24/57	7417	18.042	26.96	26.96		
Totals:		29.782	$43.39	$43.39		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4281.138

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 11 1957

DATE	INITIALS	CODE
7/11	C	220
"	[illegible]	700

WSP King
Executive Officer

Chron.
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
hmh

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Grand Junction, [redacted] Colorado, June 6, 1957

Receiving Station Uravan, Colorado
Liquidation No. 7377 Lot No. See Load Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. 1044
Address 1118 Mile High Center, Denver, Colo.
Type of Ore Carnotite Date Received 5-16 5-31-57
Mining Claim Blackfoot Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				Approx. Average					
	24400	3.8	23480.00	0.23	1.23	—	55.17	288.79	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	55.17	3.50	11.74		193.10	
Development Allowance	55.17	.50	11.74		27.59	
Excess 4 lbs. per ton Premium	8.21	.75	11.74		6.16	
Excess 10 lbs. per ton Premium						
Total U308 Payment						226.85
V205 Payment	288.79	.31			89.52	
Total V205 Payment						89.52
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 12.2 Wet Tons @ 10¢ per wet ton ~~mile~~						12.20
Total U3O8, V2O5 and Haulage Payment						328.57

E452

1-50—5M Inc Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 5-16 5-31-57

NAME Uranium Res. Co. ADDRESS Denver Colo.

CLAIM Black Foot

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-30	9218	12000	54557	2.5	11700.00	0.25	29.25	1.25	146.25
5-31	9327	12400	54957	5.0	11780.00	0.22	25.92	1.21	142.54
		24400		3.8	23480.00	0.23	55.17	1.23	288.79

RECEIVED JUL 11 1957 D.M.E.A.

TOTAL

1

UNION CARBIDE NUCLEAR COMPA[redacted]
A Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, [redacted] Colorado, June 6, 1957

Liquidation No. 7377 — Lot No. See Load Detail — Shippers Lot No.

Bought of Uranium Development Corp. — A.E.C. License No. 1044

Address 1118 Mile High Center, Denver, Colo.

Type of Ore Carnotite — Date Received 5-16 5-31-57

Mining Claim Blackfoot — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				Approx. Average					
	24400	3.8	23480.00	0.23	1.23	—	55.17	288.79	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	55.17	3.50	11.74		193.10	
Development Allowance	55.17	.50	11.74		27.59	
Excess 4 lbs. per ton Premium	8.21	.75	11.74		6.16	
Excess 10 lbs. per ton Premium						
Total U308 Payment						226.85
V205 Payment	288.79	.31			89.52	
Total V205 Payment						89.52
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 12.2 Wet Tons @ 10° per wet ton ~~mile~~						12.20
Total U3O8, V2O5 and Haulage Payment						328.57

E452

1-55—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 5-16 5-31-57

NAME Uranium Res. Co. ADDRESS Denver Colo.

CLAIM Black Foot

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
5-30	92184	12000	54557	2.5	11700.00	0.25	29.25	1.25	146.25
5-31	92327	12400	54457	5.0	11780.00	0.22	25.92	1.21	142.54
		24400		3.8	23480.00	0.23	55.17	1.23	288.79

TOTAL

RECEIVED JUL 11 1957 D.M.E.A.

DMEA
DEPARTMENT OF THE INTERIOR
JUN 12 1957
REGION III
DENVER, COLORADO

284

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, [redacted] Colorado June 24-57, 1957
Liquidation No. 7417 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address 1118 mile high Center Denver 2, Colorado
Type of Ore Carnotite — Date Received 6-1-6-15-57
Mining Claim Black foot (50) — Mining District Uravan Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8 approx	SETTLEMENT ASSAYS V_2O_5 average	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	37680	4.2	36084.48	0.25	1.20	—	90.82	431.37	—

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	90.82	3.50	18.04		317.87	
Development Allowance	90.82	.50	18.04		45.41	
Excess 4 lbs. per ton Premium	18.66	.75	18.04		14.00	
Excess 10 lbs. per ton Premium						
Total U308 Payment						377.28
V205 Payment	431.37	.31	18.04		133.72	
Total V205 Payment						133.72
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 18.84 Wet Tons @ 1.50 per wet ton ~~mile~~						28.26
Total U3O8, V2O5 and Haulage Payment						[redacted]

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	Date
Check Number 7909	Date 6-26-57
Approved for Payment	

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E452

E452

284

UNION CARBIDE NUCLEAR COMPANY
[redacted]ivision of Union Carbide [redacted]Corporation

ORE SETTLEMENT

Grand Junction, [redacted] Colorado, June 24 - 57 1957

Receiving Station Uravan, Colorado
Liquidation No. 7417 Lot No. See load detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. P-1044
Address W. 8 mile high Center Denver 2, Colorado
Type of Ore Carnotite Date Received 6-1-6-15-57
Mining Claim Blackfoot (50) Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	37680	4.2	36084.48	approx 0.25	average 1.20	—	90.82	431.37	—

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	90.82	3.50	18.04		317.87	
Development Allowance	90.82	.50	18.04		45.41	
Excess 4 lbs. per ton Premium	18.66	.75	18.04		14.00	
Excess 10 lbs. per ton Premium						
Total U308 Payment						377.28
V205 Payment	431.37	.31	18.04		133.72	
Total V205 Payment						133.72
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%−——%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance Miles 18.84 Wet Tons @ 1.50 per wet ton						28.26
Total U3O8, V2O5 and Haulage Payment						[redacted]

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted]Division of Union Carbide [redacted]Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted]Division of Union Carbide [redacted]Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	Date
Check Number 7909	Date 6-26-57
Approved for Payment	

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E452

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 6-1 6-15-57

NAME Uranium Res. Corp. ADDRESS Denver Colo.

CLAIM Black Jack (So)

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
6-7	97894	10400	601.057	3.8	10004.80	0.23	23.01	1.34	134.06
6-14	93577	27280	605451	4.4	26079.68	0.26	67.81	1.14	297.31
		37680		4.2	36084.48	0.25	90.82	1.20	431.37

TOTAL

28H

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide [redacted] Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, [redacted] Colorado, June 24-57 1957
Liquidation No. 7417
Bought of Uranium Development Corp. — Lot No. See load detail — Shippers Lot No.
Address 118 mile high Center Denver 2, Colorado — A.E.C. License No. P-1044
Type of Ore Carnotite
Mining Claim Black foot (50) — Mining District Uravan Eagle Basin — Date Received 6-1-6-15-57 — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8 approx	V_2O_5 average	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	37680	4.2	36084.48	0.25	1.20	—	90.82	431.37	—

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	90.82	3.50	18.04		317.87	
Development Allowance	90.82	.50	18.04		45.41	
Excess 4 lbs. per ton Premium	18.66	.75	18.04		14.00	
Excess 10 lbs. per ton Premium						
Total U308 Payment						377.28
V205 Payment	431.37	.31	18.04		133.72	
Total V205 Payment						133.72
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%-___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 18.84 Wet Tons @ 1.50 per wet ton ~~mile~~						
Total U3O8, V2O5 and Haulage Payment						28.26
						[illegible]

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, [redacted] Division of Union Carbide [redacted] Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents [illegible] loads delivered and covered by this settlement.

Voucher Number	Date
Check Number 7909	Date 6-26-57
Approved for Payment	

Seller or [illegible]

DMEA
DEPARTMENT OF THE INTERIOR
JUN 27 1957
REGION III
DENVER, COLORADO

RECEIVED JUN 1957 D.M.E.A.

DAILY SENTINEL COM'L PTG. DEPT.

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

[redacted] Division of Union Carbide [redacted] Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 6-1 6-15-57

NAME Uranium Res. Corp. ADDRESS Denver Colo.

CLAIM Black Jack (So)

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
6-7	97894	10400	601.057	3.8	10004.80	0.23	23.01	1.34	134.06
6-14	93577	27280	605451	4.4	26079.68	0.26	67.81	1.14	297.31
		37680		4.2	36084.48	0.25	90.82	1.20	431.37

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

June 10, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: May, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
4/24	7271	15.151	$20.88	$20.88	No bonus due	
5/3	7295	6.254	19.43	19.42 *		
5/3	7296	14.583	18.66	18.66		
Totals:		35.988	$58.97	$58.96		

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 1957

DATE		CODE
6/13	C	220
"	Chg	700

76 Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4251.356

E. M. Hardman
Acting Executive Officer

vj
cc: Konselman (2) w/settlement sheets
Royalty File E452 w/settlement sheets
Monthly Royalty Payment File
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, April 24 1957
Liquidation No. 7271 Lot No. See Lot Detail Shippers Lot No.
Bought of Uranium Development Co A.E.C. License No.
Address 1118 Mile High Center, Denver 2, Colo.
Type of Ore Carnotite Date Received
Mining Claim Good Hope Mining District Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_8$
				approx Average					
	32000	5.3	30304.4	0.21	1.46	—	65.14	443.89	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	65.14	3.50	15.15		227.99	
Development Allowance	65.14	.50	15.15		32.57	
Excess 4 lbs. per ton Premium	4.54	.75	15.15		3.41	
Excess 10 lbs. per ton Premium						
Total U308 Payment						263.97
V205 Payment	443.89	.31			137.61	
Total V205 Payment						137.61
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 16.00 Wet Tons @ 1.00 per wet ton ~~mile~~						16.00
Total U3O8, V2O5 and Haulage Payment						417.58

E 452

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 4-1 4-15-57

NAME Uranium Development ADDRESS Denver Colo.

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
4-5	87012	16080	331457	6.4	15050.88	0.22	33.11	1.48	222.75
4-11	87607	15920	358457	4.2	15251.36	0.21	34.03	1.45	221.14
		32000		5.3	30302.24	0.21	65.14	1.46	443.89

TOTAL

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RECEIVED
DATE | INITIALS | CODE
957

E 452

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. [redacted], Colorado, May 3, 1957

Liquidation No. 7295 Lot No. U-88096 Shippers Lot No.

Bought of Uranium Development Corp. A.E.C. License No. P-104

Address 1118 Mile High Center Denver Colo.

Type of Ore Carnotite Date Received 4-16 4-30-57

Mining Claim Lo Blackfoot Mining District Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				approx average					
	13340	6.1	12507.48	0.50	2.67		62.54	333.95	

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	62.54	3.50	6.25		218.89	
Development Allowance	62.54	.50	6.25		31.27	
Excess 4 lbs. per ton Premium	37.54	.75	6.25		28.16	
Excess 10 lbs. per ton Premium						
Total U308 Payment						278.32
V205 Payment	333.95	.31			103.52	
Total V205 Payment						103.52
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
....%—....%=....% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ....Miles 666 Wet Tons @ 1.00 per wet ton ~~mile~~						6.66
Total U308, V205 and Haulage Payment						388.50

E452

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo [redacted], Colorado, May 3, 1957
Liquidation No. 7296 Lot No. See Load Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. P-1044
Address 1118 Mile High Bldg Denver Colo.
Type of Ore Carnotite Date Received 4-16 4-30-57
Mining Claim Good Hope Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				approx assay					
	30400	4.1	29166.44	0.40	1.36		58.60	397.78	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	58.60	3.50	14.58		205.10	
Development Allowance	58.60	.50	14.58		29.30	
Excess 4 lbs. per ton Premium	.28	.75	14.58		.21	
Excess 10 lbs. per ton Premium						
Total U308 Payment						234.61
V205 Payment	397.78	.31			123.31	
Total V205 Payment						123.31
Less High Lime Penalty over 6% CaCo3						
Base Penalty						
....%—....%=....% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ....Miles 15.40 Wet Tons @ 1.00 per wet ton [redacted]						15.40
Total U308, V205 and Haulage Payment						373.12

E452

Good for the Sentinel printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 4-16 4-30-57

NAME Uranium Development Co. ADDRESS Denver Colo.

CLAIM Wood Rose

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
4-17	88072	13640	388457	2.9	13244.44	0.19	25.16	1.14	150.94
4-16	88893	16760	410457	5.0	15922.00	0.21	33.44	1.55	246.79
		30400		4.1	29166.44	0.20	58.60	1.36	397.78

DMEA
DEPARTMENT OF THE INTERIOR
MAY 13 1957
REGION III
DENVER, COLORADO

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: May 6, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: April, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
3/21	7186	30.746	$40.50	$40.50	No bonus due	
4/4	7209	31.115	46.92	46.92		
Totals:		61.861	$87.42	$87.42		

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D M E A
RECEIVED MAY 8 1957

DATE	INITIALS	CODE
5/9	JWD	220
"	Eff's (Chg)	700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4215.368

E. M. Hawthorne

XXXXXXXXXXX
Acting Executive Officer

vj
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

12

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, March 21 1957
Liquidation No. 7186 Lot No. See Load Detail Shippers Lot No.
Bought of Uranium Dev. Corp A.E.C. License No. 10XX
Address 1118 Mile High Center Denver 2, Colo.
Type of Ore Carnotite Date Received 3-1 3-15-57
Mining Claim Good Hope Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	6XXX0	X.6	61X92.96	Approx Average 0.20	1.46	—	12X.X9	898.77	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	12X.X9	3.50	30.75		X35.72	
Development Allowance	12X.X9	.50	30.75		62.25	
Excess 4 lbs. per ton Premium	1.49	.75	30.75		1.12	
Excess 10 lbs. per ton Premium						
Total U308 Payment						X99.09
V205 Payment	898.77	.31			278.62	
Total V205 Payment						278.62
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 32.22 Wet Tons @ 1.00 per wet ton						32.22
Total U3O8, V2O5 and Haulage Payment						809.93

...M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 3-1 3-15-57

NAME Uranium Res. Co. ADDRESS Denver Colo.

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
3-1 ~~3-6~~	83725	14040	103457	5.9	13211.64	0.20	26.42	1.45	191.57
3-6	84351	12480	120457	4.4	11930.88	0.27	32.21	1.86	221.91
3-7	84453	13080	126457	4.3	12517.56	0.17	21.28	1.37	171.49
3-9	84664	13520	131457	4.1	12965.68	0.26	33.71	1.80	233.38
3-13	84996	11320	141457	4.0	10867.20	0.10	10.87	0.74	80.42
		64440		4.6	61492.96	0.20	124.49	1.46	898.77

RECEIVED
MAY 8 1957
D.M.E.A.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado. April 4 1957
Liquidation No. 7209 Lot No. See Lot Detail Shippers Lot No.
Bought of Uranium Dev. Corp. A.E.C. License No. 1044
Address 1118 Mile High Center Denver 2, Colo
Type of Ore Carnotite Date Received 3-15 3-31-57
Mining Claim Good Hope Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	65580	5.1	62230.98	Approx 0.24	Average 1.50	—	149.39	933.36	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	149.39	3.50	31.12		522.87	
Development Allowance	149.39	.50	31.12		74.70	
Excess 4 lbs. per ton Premium	24.91	.75	31.12		18.68	
Excess 10 lbs. per ton Premium						
Total U308 Payment						616.25
V205 Payment	933.36	.31			289.34	
Total V205 Payment						289.34
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 32.79 Wet Tons @ 10 per wet ton						32.79
Total U3O8, V2O5 and Haulage Payment						938.38

E452

1-59—Mt. The Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 3-15 3-31-57

NAME Uranium Development Co ADDRESS Denver Colo

CLAIM Good hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
3-19	85528	16460	280457	5.6	15538.24	0.25	38.85	1.81	281.24
3-21	85734	16940	284457	5.4	16025.24	0.24	38.46	1.40	224.35
3-25	86023	16100	294457	4.9	15311.10	0.21	32.15	1.49	228.14
3-30	86591	16080	304457	4.5	15356.40	0.26	39.93	1.30	199.63
		65580		5.1	62230.98	0.24	149.39	1.50	933.36

AL

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MAY 8 1957
D.M.E.A.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: April 3, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: March, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
2/22	7124	7.609	$9.08	$9.08	No bonus due	
2/22	7125	93.100	94.19	94.19		
2/22	7126	28.032	41.18	41.18		
3/5	7162	31.390	43.05	43.05		
3/5	7163	6.650	13.74	13.74		
Totals:		166.781	$201.24	$201.24		

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DMEA
RECEIVED 1957

DATE		CODE
4/5	C	220
"	~~Chrony~~ J	700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 4153.507

E. M. Harshman
XXXXXXXXXXX
Acting Executive Officer

vj
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

1

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, Feb. 22 19 57

Liquidation No. 7124 Lot No. 81153 Shippers Lot No.

Bought of Uranium Dev. Corp A.E.C. License No. 10XX

Address 1118 Mile High Center, Denver 2, Colo.

Type of Ore Carnotite Date Received 2-3-57

Mining Claim Red Fox Mining District Uravan, Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8	V_2O_5	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	16170	5.6	15217.28	0.70	1.10	—	30.43	167.39	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	30.43	3.50	7.61		106.51	
Development Allowance	30.43	.50	7.61		15.22	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						121.73
V205 Payment	167.39	.31			51.89	
Total V205 Payment						51.89
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 8.06 Wet Tons @ 1.00 per wet ton ~~mile~~						8.06
Total U3O8, V2O5 and Haulage Payment						181.68

RECEIVED APR 5 1957 D.M.E.A.

E452

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado. Feb. 22 19 57
Liquidation No. 7125 Lot No. See Load Detail Shippers Lot No.
Bought of Uranium Dev. Corp. A.E.C. License No. 1044
Address 1118 Mile High Center, Denver 2, Colo.
Type of Ore Carnotite Date Received 2-1 2-12 57
Mining Claim South Blackfoot Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	197360	5.7	186199.72	0.16	1.43	—	299.20	2670.21	—

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	299.20	2.70	93.10		807.84	
Development Allowance	299.20	.50	93.10		149.60	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						957.44
V205 Payment	2670.21	.31			827.77	
Total V205 Payment						827.77
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 98.68 Wet Tons @ 1.00 per wet ton						98.68
Total U3O8, V2O5 and Haulage Payment						1883.89

E452

1-56-2 The Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 2-1-57 thru 2-15-57

NAME Uranium Res. ADDRESS Denver Colo.

CLAIM So. Black Jack

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
2-4	81242	17640	107457	4.3	16881.48	0.19	32.07	1.70	286.99
2-4	81262	19280	✓	5.5	18219.60	0.16	29.15	1.42	258.72
2-5	81360	18040	✓	4.7	17192.12	0.15	25.79	1.42	244.13
2-5	81383	18080	✓	5.9	17013.28	0.20	34.03	1.56	265.41
2-6	81466	18080	101457	3.0	17537.60	0.11	19.29	1.30	227.99
2-7	81590	18080	✓	6.9	16832.48	0.10	16.83	1.21	203.67
2-8	81718	18280	115457	6.2	17146.64	0.26	44.58	1.89	324.07
2-10	81870	18360	127457	5.7	17313.48	0.17	29.43	1.41	244.12
2-12	82066	18640	128457	6.4	17447.04	0.13	22.68	1.15	200.64
2-12	82086	18320	✓	6.0	17220.80	0.17	29.28	1.52	261.76
2-14	82255	14560	134457	8.0	13395.20	0.12	16.07	1.14	152.71
		197360		5.7	186199.72	0.16	299.20	1.43	2670.21

TOTAL

RECEIVED APR 5 1957 D.M.E.A.

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, Feb. 22 1957
Liquidation No. 7126 Lot No. Second Detail Shippers Lot No.
Bought of URANIUM Dev. Corp. A.E.C. License No. 1044
Address 1118 Mile High Center, Denver 2, Colo.
Type of Ore Carnotite Date Received 2/ 2-15-57
Mining Claim Good Hope Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	58600	4.3	56063.08	approx. average 0.22	1.61	—	125.91	903.95	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	125.91	3.50	28.03		440.69	
Development Allowance	125.91	.50	28.03		62.96	
Excess 4 lbs. per ton Premium	13.79	.75	28.03		10.34	
Excess 10 lbs. per ton Premium						
Total U308 Payment						513.99
V205 Payment	903.95	.31			280.22	
Total V205 Payment						280.22
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 29.30 Wet Tons @ 1.00 per wet ton ~~mile~~						29.30
Total U3O8, V2O5 and Haulage Payment						823.51

E458

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 2-1 2-15-57

NAME Uranium Ltd. ADDRESS Denver Colo.

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
2-5	81370	12520	107457	3.0	12144.40	0.28	34.00	1.68	204.03
2-6	81489	11880	109457	4.2	11381.04	0.15	17.07	1.12	127.47
2-14	82227	11720	133457	4.3	11216.04	0.23	25.80	1.73	194.04
2-14	82228	11200	✓	4.3	10718.40	0.23	24.65	1.73	185.43
2-14	82294	11280	134457	6.0	10603.20	0.23	24.39	1.82	192.98
		58600		4.3	56063.08	0.22	125.91	1.61	903.95

TOTAL

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, March 5 19 51
Liquidation No. 7162 Lot No. See load detail Shippers Lot No.
Bought of Uranium Development Co. A.E.C. License No. 10XX
Address 1118 Mile High Center Denver 2, Colo.
Type of Ore Carnotite Date Received 2-16 2-28-51
Mining Claim Good Hope Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	65400	4.0	62779.96	0.22	1.44	—	135.06	906.48	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	135.06	3.50	31.39		472.71	
Development Allowance	135.06	.50	31.39		67.53	
Excess 4 lbs. per ton Premium	9.50	.75	31.39		7.13	
Excess 10 lbs. per ton Premium						
Total U308 Payment						547.31
V205 Payment	906.48	.31			281.01	
Total V205 Payment						281.01
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 32.70 Wet Tons @ 1.00 per wet ton ~~mile~~						32.70
Total U3O8, V2O5 and Haulage Payment						861.08

E452

31-53 8M THE SENTINEL PRINTERS

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 2-16-57 - 2-28-57

NAME Uranium Development ADDRESS Denver, Colorado

CLAIM Good Hope

SHIPPED DATE	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
2-20	82743	12440	160-U-57	3.7	11979.72	0.16	19.17	1.31	156.93
2-20	82856	11720	168-U-57	4.9	11145.72	0.28	31.21	2.10	234.04
2-22	83047	13520	172457	3.9	12992.72	0.18	23.39	0.87	113.04
2-25	83339	14080	173457	4.9	13390.08	0.20	26.78	1.39	186.12
2-27	83557	13640	177457	2.7	13271.72	0.26	34.51	1.63	216.33
		65,400		4.0	62779.96	0.22	135.06	1.44	906.48

TOTAL

1

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, March 5 19 57
Liquidation No. 7163 Lot No. 8707 Shippers Lot No.
Bought of Uran. Dev. Co. A.E.C. License No. 10XX
Address 1118 Mile High Center Denver 2, Colo.
Type of Ore Carnotite Date Received 2-19-57
Mining Claim South Blackfoot Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8	V_2O_5	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	14000	5.0	13300.00	0.30	2.38	—	39.90	316.54	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	39.90	3.50	6.65		139.65	
Development Allowance	39.90	.50	6.65		19.95	
Excess 4 lbs. per ton Premium	13.30	.75	6.65		9.98	
Excess 10 lbs. per ton Premium						
Total U308 Payment						169.58
V205 Payment	316.54	.31			98.13	
Total V205 Payment						98.13
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 7.00 Wet Tons @ 1.00 per wet ton ~~mile~~						7.00
Total U3O8, V2O5 and Haulage Payment						274.71

E452

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: March 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: February, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1957						
2/5	7075	73.324	$102.46	$102.46	No bonus due	
2/5	7076	41.648	74.91	74.91		
2/5	7077	13.195	10.66	10.67		
Totals:		128.167	$188.03	$188.04		

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DATE	INITIALS	CODE
3/11	C	220
11	[illegible]	700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 3986.726

E. M. Hershman
for W. M. Traver

vj
cc: Royalty File E452 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, Feb 5 19 57
Liquidation No. 7075 Lot No. Shippers Lot No.
Bought of Uranium Dev. Corp. A.E.C. License No. 10XX
Address 1118 Mile High Center Denver 2 Colo.
Type of Ore Carnotite Date Received 1-16 1-31 57
Mining Claim Blackfoot (50 acs) Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	15080	4.8	14661.80	0.41	15% approx average	—	314.54	2251.94	—

PRICED PER A.E.C. CIRCULAR NO. — (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	314.54	3.50	73.32		1100.89	
Development Allowance	314.54	.50	73.32		157.27	
Excess 4 lbs. per ton Premium	21.26	.75	73.32		15.95	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1274.11
V205 Payment	2251.94	.31			698.10	
Total V205 Payment						698.10
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 77.04 Wet Tons @ 1.00 per wet ton ~~mile~~						77.04
Total U3O8, V2O5 and Haulage Payment						2049.25

E452

The Sentinel Printer

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Finchard Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-15-57 1-31-57

NAME Uranium Development ADDRESS Denver Colo

CLAIM do Black Foot

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
1-17	79903	14640	43457	5.1	13893.36	0.30	41.68	1.39	193.12
1-11	79924	11920	48457	3.1	11550.48	0.31	35.81	1.79	206.75
1-19	80052	15480	54457	3.0	15015.60	0.19	28.53	1.15	172.68
1-19	80057	17800	✓	2.8	17301.60	0.18	31.14	1.37	237.03
1-22	80285	18120	58457	6.3	16978.44	0.26	44.14	1.86	315.80
1-24	80459	14720	64457	3.0	14278.40	0.11	15.71	0.86	122.79
1-24	80473	12640	✓	6.3	11843.68	0.22	26.06	1.89	223.85
1-30	80820	17160	74457	7.2	15924.48	0.21	33.44	1.72	273.90
1-30	80841	17160	✓	7.8	16907.52	0.19	32.12	1.79	302.64
1-31	80951	12840		6.4	12954.24	0.20	25.91	1.57	203.38
		152080		4.8	146679.80	0.21	314.34	1.74	2551.74

TOTAL

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UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, Feb 5, 19 57
Liquidation No. 7096 Lot No. See Lead Atlas Shippers Lot No. 1
Bought of Uranium Dev. Corp A.E.C. License No. 10XX
Address 1118 Mile High Center Denver 2, Colo.
Type of Ore Carnotite Date Received F16 1-31-57
Mining Claim Good Hope Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	86670	3.9	83296.36	0.27	1.95	approx. average	226.52	1625.48	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	226.52	3.50	41.65		792.82	
Development Allowance	226.52	.50	41.65		113.26	
Excess 4 lbs. per ton Premium	59.92	.15	41.65		44.94	
Excess 10 lbs. per ton Premium						
Total U308 Payment						951.02
V205 Payment	1625.48	.31			503.90	
Total V205 Payment						503.90
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 43.32 Wet Tons @ 1.00 per wet ton ~~mile~~						43.32
Total U3O8, V2O5 and Haulage Payment						1498.24

E452

The Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-16-57 1-31-57

NAME Uranium Development ADDRESS Denver Colo

C.A.A. Joe L. Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
1-17	79912	12600	48457	4.3	12058.20	0.23	27.73	1.82	219.46
1-18	79931	11160	✓	3.2	11383.68	0.31	35.29	2.08	236.78
1-19	80049	11360	✓	4.1	10826.08	0.20	21.65	1.62	175.38
1-22	80295	13760	58457	4.0	13209.60	0.30	39.63	2.06	298.54
1-24	80463	13200	✓	2.9	12811.20	0.25	32.04	1.91	244.81
1-30	80831	12240	74457	4.0	11750.40	0.31	36.43	2.12	249.11
1-31	80910	11720	75457	4.0	11251.20	0.30	33.75	1.79	201.40
		86620		3.9	83296.36	0.27	226.52	1.95	1615.28

D.M.E.A.
MAR 11 1957
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TOTAL

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, Feb. 5 1957
Liquidation No. 7077 Lot No. 79775 Shippers Lot No.
Bought of Uranium Dev. Corp. A.E.C. License No. 10XX
Address 1118 Mile High Center, Denver 2, Colo.
Type of Ore Carnotite Date Received 1-16-57
Mining Claim Red Fox Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8	V_2O_5	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	27720	4.8	26389.44	0.18	0.75	11.0	47.50	197.9v	290v.8X

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	47.50	3.10	13.19		147.25	
Development Allowance	47.50	.50	13.19		23.75	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						171.00
V205 Payment	197.9v	.31	13.19		61.35	
Total V205 Payment						61.35
Less High Line Penalty over 6% CaCo3						
Base Penalty				1.00		
11.0% – 6.0% = 5.0% Penalty @ $ .04 per 1/10th			13.19	1.50		
				v.50		-13v.98
TOTAL						
Haulage Allowance Miles 13.86 Wet Tons @ 1.00 per wet ton ~~mile~~						13.86
Total U3O8, V2O5 and Haulage Payment						213.23
						213.23

E452

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorad

Date: February 6, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: January, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
12/26	6992	26.210	$37.01	$37.01		
12/26	6993	31.029	50.17	50.17		
12/27	6994	60.541	30.42	33.79 *		
1957						
1/5	7016	25.615	24.88	24.88		
1/5	7017	29.263	52.66	52.66		
1/5	7018	29.260	21.09	21.09		
1/22	7038	13.343	16.44	16.44		
1/22	7039	33.832	55.79	55.79		
1/22	7040	91.384	105.75	105.75		
Totals:		340.477	$394.21	$397.58		

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DATE	INITIALS	CODE
2/12	C	220
"	[illegible]	700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 3858.559

W. M. Traver

W. M. Traver

vj
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: URAVAN — Uravan, Colorado, Dec. 26, 1956
Liquidation No.: 6992 — Lot No.: See Load Detail — Shippers Lot No.:
Bought of: Uranium Dev. Corp — A.E.C. License No.: 10XX
Address: To Garfield & Pasternak, Suite 1400, Mile High Center, Denver, Colo.
Type of Ore: Carnotite — Date Received: 12-1 thru 12-15-56
Mining Claim: Red Fox — Mining District: Uravan, Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx average					
	54880	4.5	52419.04	0.27	0.77	—	140.39	401.64	—

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	140.39	3.50	26.21		491.37	
Development Allowance	140.39	.50	26.21		70.20	
Excess 4 lbs. per ton Premium	35.55	.75	26.21		26.66	
Excess 10 lbs. per ton Premium						
Total U308 Payment						588.23
V205 Payment	401.64	.31			124.51	
Total V205 Payment						124.51
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 27.44 Wet Tons @1.00 per wet ton						27.44
Total U3O8, V2O5 and Haulage Payment						740.18

E452

1-56 5M the Sensenet Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

PURCHASE ORE LOAD DETAIL

INSERT GRADE

PERIOD 12-1-56 12-15-56

NAME URANIUM DEVELOPMENT ADDRESS DENVER Colo.

CLAIM RED FOX

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-9	77293	25280	846456	4.7	24091.84	0.23	55.41	0.75	180.69
12-12	77575	29600	857456	4.3	28327.20	0.30	84.98	0.78	220.95
		54880		4.5	52419.04	0.27	140.39	0.77	401.64

TOTAL

E452

~~E655~~

RECEIVED FEB 11 1957 D.M.E.A.

K 1

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, Dec. 26 19 56
Liquidation No. 6993 Lot No. See Load Detail Shippers Lot No.
Bought of: Uranium Dev. Corp A.E.C. License No. 1044
Address: c/o Garfield & Pasternak, Suite 1400, Mile High Center, Denver 2, Colo.
Type of Ore: Carnotite Date Received
Mining Claim: Good Hope Mining District: Uravan, Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	64600	3.9	62059.54	Approx Average 0.25	1.70	—	154.97	1058.06	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	154.97	3.50	31.03	-	542.40	
Development Allowance	154.97	.50	31.03		77.49	
Excess 4 lbs. per ton Premium	30.85	.75	31.03		23.14	
Excess 10 lbs. per ton Premium						
Total U308 Payment						643.03
V205 Payment	1058.06	.31			328.00	
Total V205 Payment						328.00
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 32.30 Wet Tons @ 1.00 per wet ton						32.30
Total U3O8, V2O5 and Haulage Payment						1003.33

E452

1-50—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

PURCHASE ORE LOAD DETAIL

INSERT GRADE

PERIOD 12-1-56 12-15-56

NAME URANIUM DEVELOPMENT ADDRESS DENVER COLORADO

CLAIM GOOD HOPE

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-4	76967	13320	836456	2.3	13013.64	0.20	26.03	1.93	251.16
12-8	77402	12640	846456	4.6	12058.56	0.29	34.97	1.69	203.79
12-11	77447	12760	859456	4.5	12185.80	0.24	29.25	1.63	198.63
12-13	77650	13480	859456	3.6	12994.72	0.28	36.39	1.75	227.41
12-14	77724	12400	863456	4.8	11804.80	0.24	28.33	1.50	177.07
		64600		3.9	62057.52	0.25	154.97	1.70	1058.06

TOTAL

E 452

~~E 455~~

X 2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan — Uravan, Colorado, Dec. 26 19 56

Liquidation No. 6994 — Lot No. See Load Detail — Shippers Lot No.

Bought of Uranium Dev. Corp — A.E.C. License No. 1044

Address c/o Garfield & Pasternak, Suite 1401, Mile High Center, Denver 2, Colo.

Type of Ore Carnotite — Date Received 12-1 thru 12-15-56

Mining Claim South Blackfoot — Mining District Uravan, Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	122,680	5.2	121082.16	0.12	0.84	—	141.24	1012.93	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	141.24	1.90	60.54		268.36	
Development Allowance	141.24	.50	60.54		70.62	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						338.98
V205 Payment	1012.93	.31			314.01	
Total V205 Payment						314.01
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 63.84 Wet Tons @ .06 per wet ton mile						22.98
Total U3O8, V2O5 and Haulage Payment						675.97

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1-56—5M The Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

PURCHASE ORE LOAD DETAIL

INSERT GRADE

PERIOD 12-1-56 12-15-56

NAME URANIUM DEVELOPMENT ADDRESS DENVER COLORADO

CLAIM SOUTH BLACKFOOT

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-3	76864	15880	835456	5.9	14943.08	0.11	16.44	0.69	103.11
12-3	76940	15460	✓	3.4	15337.56	0.11	16.87	0.69	105.83
12-3	76900	16440	✓	4.7	15667.32	0.09	14.10	0.62	97.14
12-4	76941	16200	836456	4.5	15411.00	0.07	10.83	0.62	95.42
12-6	77137	15320	844456	4.7	14599.46	0.12	17.52	0.77	112.42
12-12	77566	15000	857456	5.5	14175.00	0.15	21.26	0.95	134.66
12-14	77744	15520	863456	7.8	14309.44	0.17	24.33	1.50	214.64
12-15	77836	17360	859456	4.5	16578.80	0.12	19.89	0.90	149.21
		127680		5.2	121082.16	0.12	141.24	0.84	1012.93

RECEIVED FEB 11 1957 D.M.E.A.

TOTAL E 452

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UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, January 5 1954
Liquidation No. 7016 Lot No. Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. P-1044
Address c/o Garfield & Patterson Suite 402 Mile High Center Denver Colo.
Type of Ore Carnotite Date Received 12-16 thru 12-31-53
Mining Claim Red Fox Mining District Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	53560	4.4	51229.72	0.20	0.78	7.4	99.90	402.04	3766.59

PRICED PER A.E.C. CIRCULAR NO. 5 revised

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	99.90	3.50	25.61		349.65	
Development Allowance	99.90	.50	25.61		49.95	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						399.60
V205 Payment	402.04	.31	25.61		124.63	
Total V205 Payment						124.63
Less High Line Penalty over 6% CaCo3						
Base Penalty						
7.4% − 6.0% = 1.4% Penalty @ $ ~~.04~~ .03 per 1/10th			25.61	1.00		
				.42		−36.36
TOTAL				1.42		
Haulage Allowance 6 Miles 26.78 Wet Tons @ .06 per wet ton mile .091						9.64
Total U3O8, V2O5 and Haulage Payment						497.51

E452

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 12-16-56 Thru 12-31-56

NAME Uranium Development Corp. ADDRESS Denver Colorado

CLAIM Red Fox

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5	$CaCo_3$ GRADE	POUNDS $CaCo_3$
12-22	78224	26720	4.0	25651.20	0.20	51.30	0.62	159.04	9.0	2308.61
12-24	78310	26840	4.7	25578.52	0.19	48.60	0.95	243.00	5.7	1457.98
		53560	4.4	51229.72	0.20	99.90	0.78	402.04	7.4	3766.59

TOTAL

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, January 5, 1956
Liquidation No. 7017 Lot No. Shippers Lot No.
Bought of URANIUM DEVELOPMENT CORP. A.E.C. License No. P-1044
Address c/o Garfield E. Pasternak, Suite 1402 Mile High Center Denver, Colo.
Type of Ore Carnotite Date Received 12-16 thru 12-31-56
Mining Claim Good Hope Mining District Uravan - Egle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5 approx average	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	61160	4.3	58526.80	0.27	1.96		158.98	1146.00	

PRICED PER A.E.C. CIRCULAR NO. 5 Revised

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	158.98	3.50	29.26		556.43	
Development Allowance	158.98	.50	29.26		79.49	
Excess 4 lbs. per ton Premium	41.94	.75	29.26		31.46	
Excess 10 lbs. per ton Premium						
Total U308 Payment						667.38
V205 Payment	1146.00	.31	29.26		355.26	
Total V205 Payment						355.26
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 30.58 Wet Tons @ 1.00 per wet ton ~~mile~~						30.58
Total U3O8, V2O5 and Haulage Payment						1053.22

E452

Form 50—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

PURCHASED ORE LOAD DETAIL

INSERT GRADE

PERIOD 12-16-56 12-31-56

NAME URANIUM DEVELOPMENT Co. ADDRESS DENVER, Colo.

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-18	77941	11920	878456	3.5	11502.80	0.26	29.91	1.87	215.10
12-27	78525	12160	894456	5.5	11491.20	0.36	41.37	2.07	237.87
12-28	78575	12520	✓	5.0	11894.00	0.31	36.87	2.20	261.67
12-29	78676	12320	✓	4.0	11827.20	0.21	24.84	1.50	177.41
12-30	78719	12240	899456	3.5	11811.60	0.22	25.99	2.15	253.95
		61160		4.3	58526.80	0.27	158.98	1.96	1146.00

TOTAL

RECEIVED FEB 11 1957 D.M.E.A.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, January 5, 1956
Liquidation No. 7018 Lot No. Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. P-1044
Address To Garfield & Pasternak Suite 1402 Mile High Center Denver Colo
Type of Ore Carnotite Date Received 12-16-56 Thru 12-31-56
Mining Claim Jewish Blackfoot Mining District Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5 approx average	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	60240	2.9	58519.72	0.13	1.21	—	73.92	705.64	—

PRICED PER A.E.C. CIRCULAR NO. 5-Revised

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	73.92	2.10	29.26		155.23	
Development Allowance	73.92	.50	29.26		36.96	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						
V205 Payment						192.19
Total V205 Payment	705.64	.31	29.26		218.75	
Less High Line Penalty over 6% CaCo3						218.75
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 30.12 Wet Tons @ .06 per wet ton mile						10.84
Total U3O8, V2O5 and Haulage Payment						421.78

E452

1-56 the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

URAVAN, COLORADO

PURCHASED ORE LOAD DETAIL

INSERT GRADE

PERIOD 12-16-56 12-31-56

NAME URANIUM DEVELOPMENT ADDRESS DENVER Colo.

CLAIM SOUTH BLACKFOOT

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
12-19	78016	12120	883456	5.9	11404.92	0.24	27.37	1.38	157.39
12-21	78174	15680	887456	3.4	15146.88	0.17	25.75	1.21	183.28
12-31	78781	15990	✓	1.2	15689.44	0.06	9.41	1.05	164.74
12-31	78790	16560	✓	1.7	16278.48	0.07	11.39	1.23	200.23
		60240		2.9	58519.72	0.13	73.92	1.21	705.64

TOTAL

RECEIVED JAN 11 1957 D.M.E.A.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, January 22 19 57
Liquidation No. 7038 Lot No. 79396 Shippers Lot No.
Bought of Uranium Dev. Corp A.E.C. License No. 1044
Address Suite 1118, Mile High Center Denver 2 Colo.
Type of Ore Carnotite Date Received 1-1 / 1-15-57
Mining Claim Red Fox Mining District Uravan, Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8	V_2O_5	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	28120	5.1	26685.88	0.21	1.07	—	56.04	285.54	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	56.04	3.50	13.34		196.14	
Development Allowance	56.04	.50	13.34		28.02	
Excess 4 lbs. per ton Premium	2.68	.75	13.34		2.01	
Excess 10 lbs. per ton Premium						
Total U308 Payment						226.17
V205 Payment	285.54	.31			88.52	
Total V205 Payment						88.52
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 14.06 Wet Tons @ 1.00 per wet ton						14.06
Total U3O8, V2O5 and Haulage Payment						328.75

E452

1-56-5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-1-56 1-15-56

NAME Uranium Development ADDRESS Denver Colo.

CLAIM Red Fox

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
1-9	79396	28120	17057	5.1	26685.88	0.21	56.04	1.07	285.54

TOTAL

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UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Co Co — Uravan, Colorado, January 22 19 57
Liquidation No: 7039 — Lot No: See Load Detail — Shippers Lot No:
Bought of: Uranium Dev. Corp — A.E.C. License No: 10XX
Address: Suite 1118, Mile High Center, Denver 2, Colo
Type of Ore: Carnotite — Date Received: 1-1 1-15-57
Mining Claim: Good Hope — Mining District: Uravan Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				approx average					
	7060	4.2	6766.32	0.24	1.97	—	161.61	1336.31	—

PRICED PER A.E.C. CIRCULAR NO. 2 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	161.61	3.50	33.83		565.64	
Development Allowance	161.61	.50	33.83		80.81	
Excess 4 lbs. per ton Premium	26.29	.75	33.83		19.72	
Excess 10 lbs. per ton Premium						
Total U308 Payment						666.17
V205 Payment	1336.31	.31			414.26	
Total V205 Payment						414.26
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 35.32 Wet Tons @ 1.00 per wet ton						35.32
Total U3O8, V2O5 and Haulage Payment						1115.75

E452

Lab-5M the Sa[illegible] Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-1-57 1-15-57

NAME Uranium Development ADDRESS Denver Colo

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
1-4	79065	12400	8457	2.8	12052.80	0.36	43.39	2.61	314.58
1-7	79274	12200	11457	3.8	11736.40	0.24	28.17	2.09	245.29
1-8	79320	11440	13457	4.2	10959.52	0.20	21.92	1.79	196.18
1-9	79414	11840	17457	5.0	11248.00	0.24	27.00	2.09	235.08
1-9	79415	11360	✓	5.0	10792.00	0.24	25.90	2.09	225.55
1-11	79468	11400	✓	4.6	10875.60	0.14	15.23	1.10	119.63
		70640		4.2	67664.32	0.24	161.61	1.97	1336.31

TOTAL

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2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, January 22, 19 57
Liquidation No. 7040 Lot No. See Land Detail Shippers Lot No.
Bought of: Uranium Dev. Corp. A.E.C. License No. 1044
Address: Suite 1118, Mile High Center, Denver 2, Colo.
Type of Ore: Carnotite Date Received: 1-1 1-15-57
Mining Claim: Rattlesnake Mining District: Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	188340	3.0	182767.80	0.17	1.66	—	317.12	3040.38	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	317.12	2.90	91.38		919.65	
Development Allowance	317.12	.50	91.38		158.56	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						1078.21
V205 Payment	3040.38	.31			942.52	
Total V205 Payment						942.52
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 94.17 Wet Tons @ 1.00 per wet ton ~~mile~~						94.17
Total U3O8, V2O5 and Haulage Payment						2114.90

E452

1-50—5M the Service Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 1-1-57 1-15-57

NAME Uranium Development ADDRESS Denver Colo.

CLAIM Rattlesnake

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
1-2	78906	16200	4456	1.8	15908.40	0.06	9.55	1.01	160.67
1-2	78932	16600	✓	2.2	16234.80	0.10	16.23	1.29	209.43
1-3	78988	16280	6457	1.4	16052.08	0.07	11.24	1.17	187.81
1-3	79011	14840	✓	1.6	14602.56	0.06	8.76	1.16	169.39
1-4	79039	16440	✓	3.0	15946.80	0.14	22.33	1.55	247.18
1-4	79061	14800	8457	1.9	14518.80	0.08	11.62	1.53	222.14
1-4	79080	16040	✓	1.9	15735.24	0.06	9.44	1.39	218.72
1-5	79129	15560	11456	2.5	15171.00	0.31	47.03	2.30	348.93
1-7	79277	10240	✓	5.5	9676.80	0.63	60.96	4.00	387.07
1-8	79329	16040	13457	3.7	15446.52	0.20	30.89	2.32	358.36
1-12	79567	16820	25457	3.6	16214.48	0.23	37.29	1.41	228.62
1-15	79729	18480	29457	6.6	17260.32	0.30	51.78	1.75	302.06
		188340		3.0	182767.80	0.17	317.12	1.66	3040.38

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED JAN 22 1957 D.M.E.A.

224 New Customhouse
Denver 2, Colorad

Date: January 17, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: December, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
11/23	6943	47.769	$102.25	$102.25	No Bonus due	
11/23	6944	13.031	18.15	18.15		
11/23	6945	24.472	39.23	39.23		
12/5	6964	87.949	74.22	74.22		
12/5	6965	43.421	56.34	56.34		
12/5	6966	12.256	18.33	18.33		
Totals:		228.898	$308.52	$308.52		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 3518.082

W. M. Traver

vj
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. — Grand Junction Uravan, Colorado, Nov. 23, 19 56

Liquidation No. 6943 — Lot No. See Load Detail — Shippers Lot No.

Bought of: Uranium Dev. Corp. — A.E.C. License No. 1044

Address: C/o Garfield & Pasternak, Suite 1404, Mile High Center, Denver 2, Colo.

Type of Ore: Carnotite — Date Received: 11-1 thru 11-15-56

Mining Claim: Good Hope — Mining District: Uravan Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx	Average				
	99800	4.3	95537.64	0.34	2.08	—	320.60	1985.64	---

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	320.60	3.50	47.77		1122.10	
Development Allowance	320.60	.50	47.77		160.30	
Excess 4 lbs. per ton Premium	129.52	.75	47.77		97.14	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1379.54
V205 Payment	1985.64	.31			615.55	
Total V205 Payment						615.55
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 49.90 Wet Tons @ 1.00 per wet ton						49.90
Total U3O8, V2O5 and Haulage Payment						2044.99

E452

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Shiprock, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 11-1-56 11-30-56

NAME Uranium Ore Co. ADDRESS Denver Colorado

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
11-2	74651	12840	742456	3.8	12352.08	0.35	43.23	2.02	249.51
11-3	74685	12840	744456	3.0	12454.80	0.32	39.86	1.80	224.19
11-5	74843	12640	748456	4.3	12096.48	0.36	43.55	2.32	280.64
11-8	75104	13200	753456	4.0	12672.00	0.37	46.89	2.06	261.04
11-12	75345	12040	764456	4.5	11498.20	0.31	35.64	2.20	252.96
11-13	75413	11840	✓	4.9	11259.84	0.33	37.16	1.96	220.69
11-14	75475	12160	✓	4.7	11588.48	0.26	30.13	2.00	231.77
11-15	75567	12240	768456	5.1	11616.76	0.38	44.14	2.28	264.84
		99800		4.3	95537.64	0.34	340.60	2.08	1985.67

RECEIVED JAN 22 1957 D.M.E.A.

RECEIVED JAN 22 1957 D.M.E.A.

TOTAL

14
2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Grand Junction Uravan, Colorado, Nov. 23 1956
Liquidation No. L944 Lot No. See Load Detail Shippers Lot No.
Bought of: Uranium Dev. Corp. A.E.C. License No. 1047
Address: C/o Garfield & Pasternak, Suite 1400, Mile High Center, Denver 2, Colo.
Type of Ore: Carnotite Date Received: 11-1 thru 11-15-56
Mining Claim: South Blackfoot Mining District: Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				APPROX	AVERAGE				
	27560	5+	26061.78	0.70	1.73	—	57.77	451.78	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	57.77	3.50	13.03		182.95	
Development Allowance	57.77	.50	13.03		26.14	
Excess 4 lbs. per ton Premium	0.15	.75	13.03		0.11	
Excess 10 lbs. per ton Premium						
Total U308 Payment						209.70
V205 Payment	451.78	.31			140.05	
Total V205 Payment						140.05
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 13.78 Wet Tons @ 1.00 per wet ton						13.78
Total U3O8, V2O5 and Haulage Payment						363.03

E452

14

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. — Grand Junction, Colorado, Nov. 13, 1956
Liquidation No. 6945 — Lot No. See Load Detail — Shippers Lot No.
Bought of: Uranium Dev. Corp. — A.E.C. License No. 1047
Address: % Garfield & Pasternak, Suite 1401, Mile High Center, Denver 2, Colo.
Type of Ore: Carnotite — Date Received: 11-1 thru 11-15-56
Mining Claim: Red Fox — Mining District: Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	51560	5.1	48944.68	Approx 0.30	Average 0.90	-	146.36	441.82	-

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	146.36	3.50	24.47		512.76	
Development Allowance	146.36	.50	24.47		73.18	
Excess 4 lbs. per ton Premium	48.48	.75	24.47		36.36	
Excess 10 lbs. per ton Premium						
Total U308 Payment						621.80
V205 Payment	441.82	.31			136.96	
Total V205 Payment						136.96
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 25.78 Wet Tons @ 1.00 per wet ton						25.78
Total U3O8, V2O5 and Haulage Payment						784.57

E452

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 11-1-56 11-15-56

NAME Uranium Dev. Co. ADDRESS Denver Colorado

CLAIM Red Fox

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
11-11	75276	27560	761456	4.7	26264.68	0.35	91.93	1.00	262.65
11-15	75579	24000	768456	5.5	22680.00	0.24	54.43	0.79	179.17
		51560		5.1	48944.68	0.30	146.36	0.90	441.82

TOTAL

RECEIVED JAN 22 1957 D.M.E.A.

18
2

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. — Uravan, Colorado, December 5, 1956
Liquidation No.: 6964 — Lot No.: See Load Detail — Shippers Lot No.:
Bought of: Uran. Dev. Co. — A.E.C. License No.: 10XX
Address: C/o Garfield & Pasternak, Suite 1402, Mile High Center, Denver 2, Colo.
Type of Ore: Carnotite — Date Received: 11-16 thru 11-30-56
Mining Claim: (South) Blackfoot — Mining District: Uravan, Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				APPROX. AVERAGE					
	185360	5.1	175898.12	0.15	1.13	—	259.15	1981.61	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	259.15	2.50	87.95		647.88	
Development Allowance	259.15	.50	87.95		129.58	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						777.46
V205 Payment	1981.61	.31			614.30	
Total V205 Payment						614.30
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 92.68 Wet Tons @ 1.00 per wet ton mile						92.68
Total U3O8, V2O5 and Haulage Payment						1484.44

UMEA
DEPARTMENT OF THE INTERIOR
DEC 10 1956
REGION III
DENVER, COLORADO

E452

1-56 SM the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 11-16-56 11-30-56

NAME Uranium Development ADDRESS Denver Colorado

CLAIM (Saul L) Blackfoot

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
11-16	75645	13840	79456	5.8	13037.28	0.21	27.38	1.56	203.38
11-18	75816	13520	79456	5.8	12735.94	0.22	28.02	1.97	250.90
11-24	76242	15640	801456	4.5	14936.20	0.12	17.92	1.20	179.23
11-25	76294	16000	✓	5.0	15200.00	0.17	25.84	1.43	217.36
11-26	76394	15200	808456	4.8	14470.40	0.14	20.26	0.99	143.26
11-27	76421	15480	✓	6.3	14504.76	0.18	26.11	1.32	191.46
11-27	76476	15880	✓	4.7	15133.64	0.12	18.16	0.92	139.23
11-28	76497	15960	812456	5.0	15162.00	0.13	19.71	0.92	139.49
11-28	76533	14720	✓	5.4	13925.12	0.13	18.10	0.86	119.76
11-30	76709	16060	813456	5.2	15504.28	0.14	21.71	0.85	131.83
11-30	76746	16160	✓	4.0	15513.60	0.13	20.17	0.93	144.28
11-30	76748	16600	✓	5.0	15770.00	0.10	15.77	0.77	121.43
		185360		5.1	175898.12	0.15	259.15	1.13	1981.61

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DMEA
DEPARTMENT OF THE INTERIOR
DEC 10 1956
REGION III
DENVER, COLORADO

TOTAL

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, December 5 1956
Liquidation No. 6965 Lot No. See Lot Detail Shippers Lot No.
Bought of Uran. Des. Co. A.E.C. License No. 1044
Address G. Garfield & Pasternak, Suite 1402, Mile High Center, Denver 2, Colo.
Type of Ore Carnotite Date Received 11-16 thru 11-30-56
Mining Claim Good Hope Mining District Uravan, Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				APPROX AVERAGE					
	59240	2.7	86842.60	0.20	1.45	—	172.69	1262.48	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	172.69	3.50	43.42		604.42	
Development Allowance	172.69	.50	43.42		86.35	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						690.77
V205 Payment	1262.48	.31			391.37	
Total V205 Payment						391.37
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 44.62 Wet Tons @ 10¢ per wet ton mile						44.62
Total U3O8, V2O5 and Haulage Payment						1126.76

UMEA
DEPARTMENT OF THE INTERIOR
DEC 10 1956
REGION III
DENVER, COLORADO

E452

1-50—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 11-16-56 11-30-56

NAME Uranium Development ADDRESS Denver Colorado

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
11/16	75632	14000	75[illegible]56	0.4	13974.00	0.07	9.71	0.64	88.79
11-17	75702	12480	794456	2.8	12130.56	0.23	27.90	1.37	166.19
11-21	76003	12520	794456	2.3	12232.04	0.22	26.91	1.59	194.49
11-24	76222	12680	801456	3.7	12210.84	0.28	34.19	1.85	225.92
11-26	76363	12600	808456	3.4	12171.60	0.20	24.34	1.39	169.19
11-27	76469	12360	✓	2.9	12001.56	0.21	25.20	1.70	204.03
11-29	76627	12600	813456	3.0	12222.00	0.20	24.44	1.75	213.84
		89,240		2.7	86842.60	0.20	112.69	1.45	1262.48

TOTAL

RECEIVED JAN 22 1957 DMEA

DMEA
DEPARTMENT OF THE INTERIOR
DEC 10 1956
REGION III
DENVER, COLORADO

18

15

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo.
Uravan, Colorado, December 5, 1956
Liquidation No.: 6966
Lot No.: 76183
Shippers Lot No.:
Bought of: Uranium Development Corp
A.E.C. License No.: 1044
Address: % Garfield & Westcombe, Suite 1400, Mile High Center, Denver, Colo.
Type of Ore: Carnotite
Date Received: 11-30-56
Mining Claim: Red Fox
Mining District: Uravan - Eagle Basin
Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	2500	3.5	2411.00	0.28	0.85	—	68.63	208.34	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	68.63	3.50	12.26		240.21	
Development Allowance	68.63	.50	12.26		34.32	
Excess 4 lbs. per ton Premium	19.59	.15	12.26		14.69	
Excess 10 lbs. per ton Premium						
Total U308 Payment						289.22
V205 Payment	208.34	.31			64.59	
Total V205 Payment						64.59
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 12.70 Wet Tons @ 1.00 per wet ton mile						12.70
Total U3O8, V2O5 and Haulage Payment						366.51

E452

12-12-56

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: December 10, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: November, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
11/3	6902	25.089	$28.02	$28.02	No bonus due	
11/3	6903	27.729	37.99	37.99		
11/3	6904	18.635	37.31	37.31		

RECEIVED DEC 12 1956 D.M.E.A.

Totals:	71.453	$103.32	$103.32

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 3289.184

W. M. Traver

vj
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED DEC 12 1956 D.M.E.A.

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, Nov. 1956
Liquidation No. 6902 Lot No. Lease Load Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No.
Address c/o Garfield & Pasternak, Mile High Center, Suite 1401, Denver 2, Colo.
Type of Ore Carnotite Date Received
Mining Claim (South) Blackfoot Mining District Uravan, Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				Approx Average					
	51680	4.7	50178.88	0.17	1.61	—	83.70	808.19	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	83.70	2.90	25.09		241.86	
Development Allowance	83.70	.50	25.09		41.70	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						283.56
V205 Payment	808.19	.31			250.57	
Total V205 Payment						250.57
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 26.34 Wet Tons @1.00 per wet ton ~~mile~~						26.34
		5452				560.44

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE: C

PERIOD 10-16-56 10-31-56

NAME Dawson Development ADDRESS Denver Colorado

CLAIM (South) Black Jack

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
10-18	73450	12640	690456	5.0	12008.00	0.14	16.81	0.87	104.47
10-20	73619	13240	693456	5.0	12578.00	0.12	15.09	1.53	192.44
10-22	73773	12840	696456	4.4	12275.04	0.17	20.87	1.80	220.95
10-22	73786	13960	✓	4.6	13317.84	0.23	30.63	2.18	290.33
		52680		4.7	50178.88	0.17	83.40	1.61	808.19

TOTAL

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, Nov. 3 19 56
Liquidation No. 6903 Lot No. See Lot Detail Shippers Lot No.
Bought of: Uranium Development Corp. A.E.C. License No. 1074
Address: c/o Banfield & Pasternak, M.L. High Center, Suite 1407, Denver 2, Colo.
Type of Ore: Carnotite Date Received: 10-16 thru 10-31-56
Mining Claim: Red Fox Mining District: Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	57440	3.5	55458.04	0.23	1.21	—	127.61	671.17	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	127.61	3.50	27.73		446.64	
Development Allowance	127.61	.50	27.73		63.81	
Excess 4 lbs. per ton Premium	16.69	.75	27.73		12.52	
Excess 10 lbs. per ton Premium						
Total U308 Payment						522.97
V205 Payment	671.17	.31			208.06	
Total V205 Payment						208.06
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance Miles 28.72 Wet Tons @ 1.00 per wet ton ~~mile~~						28.72
Total U3O8, V2O5 and Haulage Payment						759.75

E452

the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Denver, COLORADO

Fire Rose Ore LOAD DETAIL

13

INSERT GRADE

PERIOD 10-16-56 10-31-56

NAME Atomic Development ADDRESS Denver Colorado

CLAIM Red Fox

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
10-16	73597	28760	693456	3.8	27667.12	0.19	52.57	1.11	307.11
10-27	74199	28680	712456	3.1	27790.92	0.27	75.04	1.31	364.06
		57440		3.5	55458.04	0.23	127.61	1.21	611.17

TOTAL

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, Nov. 3, 1956
Liquidation No. 6904 Lot No. See Lot Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. 104
Address 10 Garfield & Pasternak, Mile High Center, Suite 1402, Denver 2, Colo.
Type of Ore Carnotite Date Received 10-16 thru 10-31-56
Mining Claim Good Hope Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx. Average					
	38880	4.1	37270.84	0.31	2.03	—	115.41	756.29	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	115.41	3.50	18.64		403.94	
Development Allowance	115.41	.50	18.64		57.71	
Excess 4 lbs. per ton Premium	40.85	.75	18.64		30.64	
Excess 10 lbs. per ton Premium						
Total U308 Payment						492.29
V205 Payment	756.29	.31			234.45	
Total V205 Payment						234.45
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 19.44 Wet Tons @ 1.00 per wet ton ~~mile~~						19.44
Total U3O8, V2O5 and Haulage Payment						746.18

E452

Continental Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Kurchase Ore LOAD DETAIL

B

INSERT GRADE

PERIOD 10-16-56 10-31-56

NAME Vanadium Development ADDRESS Denver Colorado

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
10-26	74059	13120	718456	4.7	12503.36	0.27	33.76	2.06	257.57
10-30	74406	12920	718456	4.8	12299.84	0.38	46.74	2.22	273.06
10-30	74437	12840	✓	2.9	12467.64	0.28	34.91	1.81	225.66
		38880		4.1	37270.84	0.31	115.41	1.03	756.29

TOTAL

11-13-56

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: November 7, 1956

RECEIVED NOV 13 1956 D.M.E.A.

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 2618 (Uranium), Contract Idm E452, Uranium Development Corporation (Blackfoot Group), Montrose County, Colorado
Period: October, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
9/21	6851	5.572	$9.28	$9.28		
9/21	6852	53.367	109.56	109.56		
10/5	6870	13.795	14.88	14.88		
10/5	6871	13.181	21.46	21.46		
10/5	6872	43.021	77.13	77.13		
10/23	6896	25.642	36.26	36.26		
10/23	6897	6.959	11.96	11.96		
10/23	6898	28.569	27.73	27.73		
10/23	6899	22.296	12.93	12.93		
Totals:		212.402	$321.19	$321.19		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 3217.731

W. M. Traver

W. M. Traver

vj
cc: Royalty File E 452 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

RECEIVED NOV 13 1956 D.M.E.A. DENVER

Receiving Station: Uravan, Colo. Uravan, Colorado, Sept 19 56
Liquidation No. 6851 Lot No. 70852 Shippers Lot No.
Bought of: Uranium Development Co. A.E.C. License No.
Address: c/o Garfield & Pasternak - Mile High Center Suite 1700, Denver 2, Colo.
Type of Ore: Carnotite Date Received: 9-11-56
Mining Claim: Black Foot Mining District: Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	11360	1.9	11144.16	0.26	1.54		28.97	171.62	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	28.97	3.50	5.57		101.40	
Development Allowance	28.97	.50	5.57		14.49	
Excess 4 lbs. per ton Premium	6.69	.75	5.57		5.02	
Excess 10 lbs. per ton Premium						
Total U308 Payment						120.91
V205 Payment	171.62	.335			57.49	
Total V205 Payment						57.49
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 5.68 Wet Tons @ 1.45 per wet ton mile						7.16
Total U3O8, V2O5 and Haulage Payment						185.50

E452

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. — Uravan, Colorado, Sept. 21, 19 56
Liquidation No.: 2852 — Lot No.: See Load Detail — Shippers Lot No.:
Bought of: Uranium Development Co. — A.E.C. License No.: P 1044
Address: % Garfield & Pasternak, Mile High Center, Suite 1801, Denver, 2, Colo.
Type of Ore: Carnotite — Date Received: 9-1-56 thru 9-15-56
Mining Claim: Good Hope — Mining District: Uravan, Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	110.040	3.0	106733.72	0.30	2.10		322.43	2241.90	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	322.43	3.50	53.37		1128.51	
Development Allowance	322.43	.50	53.37		161.22	
Excess 4 lbs. per ton Premium	108.95	.75	53.37		81.71	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						1371.44
V2O5 Payment	2241.90	.335			751.04	
Total V2O5 Payment						751.04
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 55.02 Wet Tons @ 1.25 per wet ton					68.78	68.78
Total U3O8, V2O5 and Haulage Payment						2191.26

E452

1-56—5M Ino Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 9-1-56 9-15-56

NAME Uranium Development Co. ADDRESS Denver 2, Colorado

CLAIM Good Hope,

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
9-1	70210	12440	559456	2.5	12129.00	0.29	35.17	2.48	300.80
9-1	70236	12280	✓	3.1	11899.32	0.32	38.08	2.17	258.22
9-3	70320	12080	✓	2.6	11688.00	0.38	44.41	2.09	244.28
9-4	70365	12360	✓	3.8	11890.32	0.37	43.99	2.33	277.04
9-5	70490	11640	569456	2.8	11314.08	0.39	44.12	2.37	268.14
9-7	70615	12400	574456	3.8	11928.80	0.40	47.72	2.20	262.43
9-11	70890	12080	581456	2.2	11814.24	0.29	34.26	2.39	282.36
9-12	70971	12240	582456	3.1	11860.56	0.21	24.91	1.91	226.54
9-14	71133	12600	588456	3.1	12209.40	0.08	9.77	1.00	122.09
		110040		3.0	106733.72	0.30	322.43	2.10	2241.90

TOTAL

1

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Grand Junction ~~Uravan~~, Colorado, October 5 1956

Liquidation No. 6870 Lot No. 72080 Shippers Lot No.

Bought of: Uranium Development Corp. A.E.C. License No. P 1044

Address: c/o Garfield & Pasternak, Mile High Center, Suite 1400, Denver 2, Colo.

Type of Ore: Carnotite Date Received: 9-28-56

Mining Claim: Red Fox Mining District: Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	28240	2.3	27590.48	0.20	1.05	7.0	55.18	289.70	1931.33

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	55.18	3.50	13.80		193.13	
Development Allowance	55.18	.50	13.80		27.59	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						220.72
V205 Payment	289.70	.31			89.81	
Total V205 Payment						89.81
Less High Line Penalty over 6% CaCo3						
Base Penalty				1.00		
7.0 %−6.0 %=1.0 % Penalty @ $ ~~.04~~ .03 per 1/10th			13.80	.30		(-) 11.94
TOTAL						
Haulage Allowance 6 Miles 14.12 Wet Tons @ .06 per wet ton mile						5.08
Total U3O8, V2O5 and Haulage Payment						297.61

E 452

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. — Grand Junction, Colorado — Oct. 5, 1956

Liquidation No.: 6871 — Lot No.: See Load Detail — Shippers Lot No.:

Bought of: Uranium Development Co. — A.E.C. License No.: P1044

Address: % Garfield E Pasternak, Mile High Center, Suite 1401, Denver 2, Colo.

Type of Ore: — Date Received: 9-16-56 thru 9-30-56

Mining Claim: Black Foot (50) — Mining District: Uravan-Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	27480	4.1	26362.96	0.27	1.61	—	69.90	424.86	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	69.90	3.50	13.18		244.65	
Development Allowance	69.90	.50	13.18		34.95	
Excess 4 lbs. per ton Premium	17.18	.75	13.18		12.89	
Excess 10 lbs. per ton Premium						
Total U308 Payment						292.49
V205 Payment	424.86	.31			131.71	
Total V205 Payment						131.71
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 13.74 Wet Tons @ .05 per wet ton mile						4.95
Total U3O8, V2O5 and Haulage Payment						429.15

E 452

the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 9-16-56 9-30-56

NAME Uranium Development Co. ADDRESS Denver Colorado

CLAIM Black Jack (50)

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
9-26	71852	12920	620056	3.8	12429.04	0.17	21.13	1.12	139.21
9-30	72176	14560	629456	4.3	13933.92	0.35	48.77	2.05	285.65
		27480		4.1	26362.96	0.27	69.90	1.61	424.86

TOTAL

E 452

2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Grand Junction ~~Uravan~~, Colorado, Oct 5, 1956

Liquidation No: 6872 Lot No: Lee Land Retest Shippers Lot No:

Bought of: Uranium Development Co. A.E.C. License No: P1044

Address: % Garfield & Patternak, Mile High Center, Suite 1401 Denver 2, Colo.

Type of Ore: Carnotite Date Received: 9-16-56 thru 9-30-56

Mining Claim: Good Hope Mining District: Uravan Eagle Basin Pile No:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	89440	3.8	86041.56	Approx Average 0.28	1.89	—	242.47	1625.34	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	242.47	3.50	43.02		848.65	
Development Allowance	242.47	.50	43.02		121.24	
Excess 4 lbs. per ton Premium	70.39	.75	43.02		52.79	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1022.68
V205 Payment	1625.34	.31			503.86	
Total V205 Payment						503.86
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 447.2 Wet Tons @ .06 per wet ton mile						16.10
Total U3O8, V2O5 and Haulage Payment						1542.64

E-452

1-56 ... the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Grand, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

PERIOD 9-16-56 9-30-56

NAME Uranium Development Co. ADDRESS Denver Colorado

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
9-17	71272	12600	603456	2.4	12297.60	0.27	33.20	1.77	217.67
9-18	71353	12240	✓	4.3	11713.68	0.30	35.14	1.72	201.48
9-20	71466	12200	607456	5.1	11577.80	0.38	44.00	1.98	229.24
9-21	71564	13360	611456	2.8	12986.92	0.32	41.55	2.06	267.51
9-25	71826	13120	620456	3.1	12713.28	0.23	29.24	2.05	260.62
9-26	71890	12880	624456	4.3	12326.16	0.31	38.21	2.26	278.57
9-28	72072	13040	629456	4.7	12427.12	0.17	21.13	1.37	170.25
		89440		3.8	86041.56	0.28	242.47	1.89	1625.34

TOTAL E 452

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, October 23 19 56
Liquidation No. L896 Lot No. See Lot Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. 10XX
Address To Garfield & Pasternak, Mile High Center, Suite 1400 Denver 4, Colo.
Type of Ore Carnotite Date Received 10-1-56 thru 10-15-56
Mining Claim Good Hope Mining District Uravan, Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx. Average					
	53160	3.5	51284.52	0.22	1.48	—	113.64	760.73	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	113.64	3.50	25.64		397.74	
Development Allowance	113.64	.50	25.64		56.82	
Excess 4 lbs. per ton Premium	11.08	.75	25.64		8.31	
Excess 10 lbs. per ton Premium						
Total U308 Payment						462.87
V205 Payment	760.73	.31			235.83	
Total V205 Payment						235.83
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 26.58 Wet Tons @ 1.00 per wet ton mile						26.58
Total U3O8, V2O5 and Haulage Payment						725.28

E452

The Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

B

INSERT GRADE

PERIOD 10-1-56 10-15-56

NAME Uranium Reclamation ADDRESS Denver, Colo.

CLAIM Good Hope

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
10-3	72361	13600	651456	3.9	13069.60	0.10	13.07	1.23	160.76
10-8	72711	13360	670456	3.8	12852.32	0.25	32.13	1.32	169.65
10-9	72756	13.000	664456	3.7	12519.00	0.28	35.05	1.96	245.37
10-11	72842	13200	666456	2.7	12843.60	0.26	33.39	1.44	184.95
		53160		3.5	51288.52	0.22	113.64	1.48	760.73

DMEA
DEPARTMENT OF THE INTERIOR
OCT 30 1956
REGION III
DENVER, COLORADO

TOTAL

1

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo — Uravan, Colorado, October 23, 1956

Liquidation No.: 6897 — Lot No.: 7V969 — Shippers Lot No.:

Bought of: Uranium Development Corp. — A.E.C. License No.: 10XF

Address: C/o Garfield E. Patterna, Mile High Center, Suite 1X07, Denver 2, Colo.

Type of Ore: Carnotite — Date Received: 10-12-56

Mining Claim: South Blackfoot — Mining District: Uravan - Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	14760	5.7	13918.68	0.26	1.87	—	36.19	260.28	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	36.19	3.50	6.96		126.67	
Development Allowance	36.19	.50	6.96		18.10	
Excess 4 lbs. per ton Premium	8.35	.75	6.96		6.26	
Excess 10 lbs. per ton Premium						
Total U308 Payment						151.03
V205 Payment	260.28	.31			80.69	
Total V205 Payment						80.69
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 7.38 Wet Tons @ 1.00 per wet ton mile						7.38
Total U3O8, V2O5 and Haulage Payment						239.10

E452

14
1

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Uravan, Colorado, October 23 1956
Liquidation No. 6898 Lot No. See Lot Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. 1054
Address To Garfield & Patterson Mtg High Center, Suite 1404, Denver 2, Colo.
Type of Ore Carnotite Date Received 10-1-56 thru 10-15-56
Mining Claim Red Fox Mining District Uravan, Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	59080	3.3	57137.48	0.18	Approx. Average 1.06	7.4	105.17	603.34	4237.35

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	105.17	3.10	28.57		326.03	
Development Allowance	105.17	.50	28.57		52.59	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						378.62
V205 Payment	603.34	.31			187.04	
Total V205 Payment						187.04
Less High Line Penalty over 6% CaCo3						
Base Penalty				1.00		
7.4 % - 6.0 % = 1.4 % Penalty @ $ .03 per 1/10th			28.57	1.42		(-) 40.57
TOTAL						
Haulage Allowance 6 Miles 29.54 Wet Tons @ 1.00 per wet ton mile						29.54
Total U3O8, V2O5 and Haulage Payment						534.63

6452

1-56—5M Fe Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Slavson, COLORADO

Purchase Ore LOAD DETAIL

PERIOD 9-1-56 - 10-15-56

NAME Uranium Development (Longwell) ADDRESS Denver Colo.

CLAIM Red Fox

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	% H_2O	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5	$CaCo_3$ GRADE	POUNDS $CaCo_3$
10-4	72421	24320	4.7	23176.96	0.19	44.04	1.05	243.36	7.0	1622.34
10-13	73030	34760	2.3	33960.52	0.18	61.13	1.06	359.98	7.7	2614.96
		59080	3.3	57137.48	0.18	105.17	1.06	603.34	7.4	4237.35

TOTAL

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo. Uravan, Colorado, October 23, 1956
Liquidation No.: 6899 Lot No.: See Lot Detail Shippers Lot No.:
Bought of: Uranium Development Corp. A.E.C. License No.: 1044
Address: To Garfield & Pasternak, Mile High Center, Suite 1400, Denver 2, Colo.
Type of Ore: Carnotite Date Received: 10-1-56 thru 10-15-56
Mining Claim: North Blackfoot Mining District: Uravan Eagle Basin Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx Average					
	4590	2.9	4459.80	0.11	1.01	—	50.54	448.89	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	50.54	1.70	22.30		85.92	
Development Allowance	50.54	.50	22.30		25.27	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						111.19
V205 Payment	448.89	.31			139.16	
Total V205 Payment						139.16
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 22.96 Wet Tons @ .06 per wet ton mile						8.27
Total U3O8, V2O5 and Haulage Payment						258.62

E452

1-56—5M the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE

RECEIVED NOV 13 1956 D.M.E.A.

PERIOD 10-1-56 10-15-56

NAME Uranium Development ADDRESS Denver Colo.

CLAIM North Black Jack

DATE SHIPPED	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE U_3O_8	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
10-9	72747	25600	663456	3.2	24780.80	0.10	24.78	0.94	232.94
10-15	73183	20320	671456	2.5	19812.00	0.13	25.76	1.09	215.95
		45920		2.9	44592.80	0.11	50.54	1.01	448.89

TOTAL

4-9-56.

RECEIVED
APR 9 - 1956

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: April 5, 1956

Memorandum
To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, DMEA Docket 2618 (Uranium), Contract Idm-E452, Uranium Development Corporation - Colorado

Period: March, 1956

During the above month the following royalty payments were received for ore or concentrates shipped from the subject property:

Lot No.	Dry Tons	Royalty Due	Royalty Pd.
6579 3/16/56	24.574	$85.17	$85.17

Totals:	24.574	$85.17	$85.17

Past Due Royalties Collected	$1,588.55
Total Dry Tons (Ore or Cons.) Shipped to Date	3005.329
Expiration Date of Royalty Repayment	November 24, 1962
Amount of Government Participation	$19,570.00
Total Royalty Payments to Date	$6,849.35
Percent of Loan Repayment	35.00%

W. M. Traver
W. M. Traver

vj
cc Royalty File E 452 w/Settlement Sheets
Monthly Royalty Payment File
T. A. Christensen
J. F. Shaw (2) w/settlement sheet
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
APR 9 - 1956

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Uravan, Colorado, March 16, 1956
Liquidation No. 6579 — Lot No. See load detail — Shippers Lot No.
Bought of: Uranium Development Corp. — A.E.C. License No. P-1044
Address: Station #1, Santa Fe, New Mexico
Type of Ore: Carnotite — Date Received: 3-1-56 thru 3-15-56
Mining Claim: Rattlesnake — Mining District: Uravan — Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				approximate averages					
	51020	3.7	49147.86	0.63	1.90	6.6	308.14	935.50	3231.81

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	308.14	3.50	24.57		1078.49	
Development Allowance	308.14	.50	24.57		154.07	
Excess 4 lbs. per ton Premium	209.86	.75	24.57		157.40	
Excess 10 lbs. per ton Premium	62.44	.25	24.57		15.61	
Total U308 Payment						1405.57
V205 Payment	935.50	.31	24.57		290.01	
Total V205 Payment						290.01
Less High Line Penalty over 6% CaCo3						
Base Penalty			24.57	1.00		
6.6% − 6.0% = 0.6% Penalty @ $ .04 per 1/10th			24.57	.24		
TOTAL						30.47
Haulage Allowance 6 Miles 25.51 Wet Tons @ 1.50 per wet ton ~~mile~~						38.27
Total U3O8, V2O5 and Haulage Payment						1703.38

~~DMEA~~
~~Date Rec'd~~
MAR 22 1956
BUREAU OF MINES
Denver, Colorado

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	1552	Date	3-20-56
Check Number	1552	Date	3-20-56
Approved for Payment	N E Blaney		

Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
FEB 13 1956

224 New Customhouse
Denver 2, Colorado

February 8, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering shipment of ore to the Union Carbide Nuclear Company under Liquidation No. 6522.

Also enclosed is Union Carbide Nuclear Company check No. 1096 in the amount of $23.65 in full payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

U E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
FEB 13 1956

224 New Customhouse
Denver 2, Colorado

February 8, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering shipment of ore to the Union Carbide Nuclear Company under Liquidation No. 6522.

Also enclosed is Union Carbide Nuclear Company check No. 1096 in the amount of $23.65 in full payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
FEB 13 1956

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Uravan, Colorado, February 2, 1956
Liquidation No.: 6522 — Lot No.: U-59435 — Shippers Lot No.:
Bought of: Uranium Development Corp — A.E.C. License No.: P-1044
Address: Station #1, Santa Fe, New Mexico
Type of Ore: Carnotite — Date Received: 1-30-56
Mining Claim: Good Hope — Mining District: Uravan, Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	24380	5.1	23136.62	0.30	2.27		69.41	525.20	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	69.41	3.50	11.57		242.94	
Development Allowance	69.41	.50	11.57		34.71	
Excess 4 lbs. per ton Premium	23.13	.75	11.57		17.35	
Excess 10 lbs. per ton Premium						
Total U308 Payment						295.00
V205 Payment	525.20	.31	11.57		162.81	
Total V205 Payment						162.81
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 12.19 Wet Tons @ 1.25 per wet ton ~~mile~~						15.24
Total U3O8, V2O5 and Haulage Payment						473.05

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	1093	Date	2-4-56
Check Number	1093	Date	2-4-56
Approved for Payment	R E Blaney		

Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JAN 27 1956

224 New Customhouse
Denver 2, Colorado

January 25, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering shipment of ore to the Union Carbide Nuclear Company under Liquidation No. 6492.

Also enclosed is Union Carbide Nuclear Company check No. 931 in the amount of $51.66 in full payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E452
Sec .Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron..

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Uravan, Colorado, January 19, 1956
Liquidation No. 6492 — Lot No. See Load Detail — Shipper's Lot No.
Bought of: Uranium Development Corp — A.E.C. License No. R-1044
Address: Station #1, Santa Fe, New Mexico
Type of Ore: Carnotite — Date Received: 1-1-56 thru 1-15-56
Mining Claim: Good Hope — Mining District: Uravan, Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approximate average					
	45200	5.0	42940.00	0.35	2.73		148.51	1173.70	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	148.51	3.50	21.47		519.79	
Development Allowance	148.51	.50	21.47		74.26	
Excess 4 lbs. per ton Premium	62.63	.75	21.47		46.97	
Excess 10 lbs. per ton Premium						
Total U308 Payment						641.02
V205 Payment	1173.70	.31	21.47		363.85	
Total V205 Payment						363.85
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 22.60 Wet Tons @ 1.25 per wet ton						28.25
Total U3O8, V2O5 and Haulage Payment						1033.12

DMA
Date Rec'd
JAN 23 1956
BUREAU OF MINES
Denver, Colorado

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	929	Date	1-19-56
Check Number	929	Date	1-19-56
Approved for Payment			

Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E452

RECEIVED
JAN 27 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JAN 27 1956

224 New Customhouse
Denver 2, Colorado

January 25, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed are settlement sheets covering shipments of ore from Uranium Development Corporation to the Vanadium Corporation of American dated April 28 to May 18, 1954; and the Climax Uranium Company under Liquidation Nos. 1149, 1173, 1212, 1289, 1304 and 1374.

Payment of royalties due on the above shipments will be requested from the operator.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheets
J. F. Shaw (2) w/settlement sheets
Royalty Report File
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JAN 16 1956

224 New Customhouse
Denver 2, Colorado

January 12, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed are settlement sheets covering ore shipped to Union Carbide Nuclear Company under Liquidation Nos. 6470 and 6471.

Also enclosed is Union Carbide Nuclear Company check No. 774 in the amount of $101.42 in full payment of royalty due on these shipments.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheets
J. F. Shaw (2) w/settlement sheets
Royalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
JAN 16 1956

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, Jan. 4, 1956
Liquidation No. 6470 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address Station #1, Santa Fe, New Mexico
Type of Ore Carnotite — Date Received 12-16-55 thru 12-31-55
Mining Claim Good Hope — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	73600	5.1	69839.30	0.27	2.20		189.84	1539.49	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	189.84	3.50	34.92		664.44	
Development Allowance	189.84	.50	34.92		94.92	
Excess 4 lbs. per ton Premium	50.16	.75	34.92		37.62	
Excess 10 lbs. per ton Premium						
Total U308 Payment						796.98
V205 Payment	1539.49	.31	34.92		477.24	
Total V205 Payment						477.24
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 36.80 Wet Tons @ .06 per wet ton mile						13.25
Total U3O8, V2O5 and Haulage Payment						1287.47

DMEA
Date Rec'd
JAN 9 1956
BUREAU OF MINES
Denver, Colorado

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	769	Date	1-4-56
Check Number	769	Date	1-4-56
Approved for Payment	E. J. Blaney		

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E452

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
JAN 16 1956

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, Jan. 4, 1956
Liquidation No. 6471 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address Station #1, Santa Fe, New Mexico
Type of Ore Carnotite — Date Received 12-16-55 to 12-31-55
Mining Claim Rattlesnake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	39860	6.2	37388.48	approx 0.34	average 1.67	8.0	128.99	622.53	2991.08

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	128.99	3.50	18.69		451.47	
Development Allowance	128.99	.50	18.69		64.50	
Excess 4 lbs. per ton Premium	54.23	.75	18.69		40.67	
Excess 10 lbs. per ton Premium						
Total U308 Payment						556.64
V205 Payment	622.53	.31	18.69		192.98	
Total V205 Payment						192.98
Less High Line Penalty over 6% CaCo3						
Base Penalty				1.00		
8.0% – 6.0% = 2.0% Penalty @ $ .04 per 1/10th			18.69	.89		
TOTAL						33.64
Haulage Allowance 6 Miles 19.93 Wet Tons @ 1.25 per wet ton						24.91
Total U3O8, V2O5 and Haulage Payment						740.89

DMEA
Date Rec'd.
JAN 9 1956
BUREAU OF MINES
Denver, Colorado

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	769	Date	1-4-56
Check Number	769	Date	1-4-56
Approved for Payment	R. E. Blaney		

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 4, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed are settlement sheets covering shipments of ore from Uranium Development Corporation to Climax Uranium Company under Liquidation Nos. 613 and 614; to Vanadium Corporation of America dated April 23 to May 15, 1953; and the United States Vanadium Company under Liquidation Nos. 4366, 4417, 4420, 4464, 4544, 4577, 4671, 4740, 4765, 4860, 4895, 4958, 4992, 5061, 5139, 5181 and 5254.

Payment of royalties due on the above shipments have been requested from the operator.

W. M. Traver

W. M. Traver

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheets
J. F. Shaw (2) w/settlement sheets
Royalty Report File
Chron.

CLIMAX URANIUM COMPANY

GRAND JUNCTION, COLO.

Receiving Station: CLIMAX Uranium Company — Grand Junction, Colorado, March 6, 1953

Liquidation No. 613 — Lot No. — Shippers Lot No.

Bought of: George Spaniack & Charles L. Randall — A.E.C. License No. P-1301

Address: 10[illegible]4 South Second, Montrose, Colorado

Type of Ore: Carnotite — Date Received: 2/1/53 - 2/28/53

Mining Firm: [illegible]ed Fox — Mining District: Vixen — File No.

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
[illegible]	30,330	5.6	28,632	0.15	0.94	2.56	42.95	269.14	
[illegible]-1535	33,300	5.0	31,635	0.26	1.54	2.50	82.25	487.18	
	63,630	5.3	60,267*	0.21	1.25		125.20*	756.32*	

* These quantities used only to determine average grade percentages

	Per Lb.	Per Ton	Short Tons	Total Value
U_3O_8				
0.2[illegible] = 1[illegible].56 lbs. at	$3.50	$14.70	30.13	$442.96
Development Allowance 126.56 lbs. at	.50	2.10	30.13	63.28
Premium in excess of 4# per ton				
Total lbs. U_3O_8 126.56				
Less: 30.13 Tons @ 4# 120.52				
PREMIUM LBS. 6.04 at	.75	0.15	30.13	4.53
Total U_3O_8 Payment				$510.77
V_2O_5				
1.25% = 753.34 lbs. at	.31	7.75	30.13	233.54
Total Gross Price				$744.31
Deductions: Royalty - Uranium Development Corporation 35% of $744.31				260.51
Net Proceeds				$483.80

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement for sums due to me on account of the ore deliveries described herein.

The Uranium Development Corp.

Seller or Agent.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment

E452

CLIMAX URANIUM COMPANY

GRAND JUNCTION, COLO.

Receiving Station [illegible] Grand Junction, Colorado, [illegible] 19[illegible]

Liquidation No. [illegible] Lot No. [illegible] Shippers Lot No. [illegible]

Bought of [illegible] A.E.C. License No. [illegible]

Address [illegible]

Type of Or[illegible] [illegible] Date Received [illegible]

Mining Cl[illegible] [illegible] Mining District [illegible] File No. [illegible]

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	

[illegible] these materials [illegible] to [illegible] [illegible] per [illegible] [illegible]

[illegible]				
0.275 = 111.97 lbs. at	[illegible]	[illegible]	[illegible]	[illegible]
Development allowance 111.97 lbs. at	[illegible]	[illegible]	[illegible]	[illegible]
Total [illegible] payment				[illegible].49
V2O5				
1.42[illegible] = [illegible] lbs. at	[illegible]	[illegible]	[illegible]	[illegible]
Total [illegible] price				[illegible].90

Deductions: [illegible] equipment rental: [illegible] [illegible] Corp. 21.[illegible] tons - [illegible] tons 46.50

Royalty: [illegible] [illegible] Corp. [illegible] of [illegible].40 [illegible].20 [illegible]

Net Proceeds [illegible].20

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement for sums due to me on account of the ore deliveries described herein.

The Uranium Development Corp.

Seller or Agent.

E-452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Grand Junction, Colorado, March 23, 1953

Receiving Station Uravan, Colorado
Liquidation No. 434
Bought of Charles Randall & George Spanich
Address Uravan, Colorado
Type of Ore Carnotite
Mining Claim Black Foot
Mining District Dixie

Lot No. See Load Detail
Shippers Lot No.
A.E.C. License No. P-1301
Date Received 3-1-53 thru 3-15-53
Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx	average				
	65460	6.4	61274.16	0.30	1.62		186.00	992.03	

PRICED PER A.E.C. CIRCULAR NO. 8 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	186.00	3.50	30.64	21.25	651.00	
Development Allowance	186.00	.50	30.64	3.05	93.00	
Excess 4 lbs. per ton Premium	63.44	.75	30.64	1.55	47.58	
Excess 10 lbs. per ton Premium						
Total U308 Payment						791.58
V205 Payment	992.03	.31	30.64	10.05	307.53	
Total V205 Payment						307.53
Less High Lime Penalty over 6% CaCo3						
Iron Penalty						
___% — ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 32.73 Wet Tons @ .06 per net ton mile						11.78
Total U3O8, V2O5 and Haulage Payment						1110.89

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado — April 7
Liquidation No. 4417 — Lot No. [illegible] — Shippers Lot No.
Bought of Charles Randall + George Spanicek — A.E.C. License No. C-1801
Address Uravan, Colorado
Type of Carnotite — Date Received 2-16-53 thru 3-31-53
Mining Claim Blackfoot — Mining District Dolores — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	110100	5.0	104633.96	0.21	1.44		221.89	1511.18	

PRICED PER A.E.C. CIRCULAR NO. 21 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	221.89	3.50	52.32	14.85	776.62	
Development Allowance	221.89	.50	52.32	2.10	110.95	
Excess 4 lbs. per ton Premium	12.61	.75	52.32	.20	9.46	
Excess 10 lbs. per ton Premium						
Total U308 Payment						897.03
V205 Payment	1511.18	.31	52.32	8.95	468.47	
Total V205 Payment						468.47
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___% — ___% = ___% Penalty @ $ .04 per 1.10th						
TOTAL						
Haulage Allowance 6 Miles 55.05 Wet Tons @ .06 per wet ton mile						19.82
Total U3O8, V2O5 and Haulage Payment						1385.32

E453

1

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Yavapai, Colorado — Grand Junction, Colorado, April 7, 1953
Liquidation No. 4420 — Lot No. 4-12747 — Shippers Lot No.
Bought of The Yavapai Development Corp. — A.E.C. License No. R-1044
Address 2554C Building, Denver, Colorado
Type of Ore Carnotite — Date Received 2-21-53
Mining Claim Grey Fox — Mining District Vesper — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	11920	6.3	11169.04	0.11	1.23		12.29	137.38	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1229	1.70	5.58	3.75	20.89	
Development Allowance	1229	.50	5.58	1.10	6.15	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						27.04
V205 Payment	137.38	.31	5.58	7.65	42.59	
Total V205 Payment						42.59
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 3 Miles 5.96 Wet Tons @ .06 per wet ton mile						1.07
Total U3O8, V2O5 and Haulage Payment						70.70

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number 4-212 — Date 4-8-53
Check Number 23379 — Date 4-8-53
Approved for Payment J. M. Zeel

Seller or Agent

E453

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2

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, April 27, 1953
Liquidation No. 4464 — Lot No. see lot detail — Shippers Lot No.
Bought of Charles Randall and George Spencer — A.E.C. License No. P-1301
Address Uravan, Colorado — Date Received 7-1-53 thru 4-15-53
Type of Ore carnotite — Pile No.
Mining Claim Blackfoot — Mining District Virgen

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8 (approx average)	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	83340	4.3	79760.78	0.34	2.09		267.62	1663.99	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	267.62	3.50	39.88	23.49	936.67	
Development Allowance	267.62	.50	39.88	3.36	133.81	
Excess 4 lbs. per ton Premium	108.10	.75	39.88	2.03	81.08	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1151.56
V205 Payment	1663.99	.31	39.88	12.93	515.84	
Total V205 Payment						515.84
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 41.67 Wet Tons @ .06 per wet ton mile						15.00
Total U3O8, V2O5 and Haulage Payment						1682.40

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, May 7, 1953
Liquidation No. 4544 — Lot No. [illegible] — Shippers Lot No.
Bought of Charles Kampfer, [illegible] — A.E.C. License No. P-1301
Address Uravan, Colorado — Date Received 4-16-53 to 4-30-53
Type of Ore Carnotite — File No.
Mining Claim Black Hoof — Mining District [illegible]

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	126480	4.8	120438.28	approx. 0.27	approx. 1.67		314.64	2009.60	

PRICED PER A.E.C. CIRCULAR NO. [illegible] (Revised)

	POUNDS	PER LB	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	314.64	.30	60.22	18.55	1118.74	
Development Allowance	314.64	.30	60.22	2.65	159.82	
Excess 4 lbs. per ton Premium	78.76	.15	60.22	1.00	53.07	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1337.63
V205 Payment	2009.60	.31	60.22	10.35	622.98	
Total V205 Payment						622.98
Less High Line Penalty over 6% $CaCO_3$						
Base Penalty						
—%— —%= —% Penalty @ $ .04 per 1 10th						
TOTAL						
Haulage Allowance 6 Miles 63.24 Wet Tons @ .06 per wet ton mile						22.77
Total U3O8, V2O5 and Haulage Payment						1983.38

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station [illegible] Grand Junction, Colorado [illegible] 19[illegible]

Lot No. [illegible] Shippers Lot No. [illegible]

A.E.C. License No. [illegible]

Date Received [illegible]

Mining District [illegible] File No. [illegible]

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	6,560	9.4	6,022.54	0.27	1.80		160.20	1083.78	

PRICED PER A.E.C. CIRCULAR NO. [illegible]

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	160.20	3.50	30.06	18.65	560.70	
Development Allowance	160.20	.50	30.06	2.65	80.10	
Excess 4 lbs. per ton Premium	2996	.15	30.06	1.00	299.97	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						670.27
V2O5 Payment	1083.78	.21	30.06	11.20	335.97	
Total V2O5 Payment						335.97
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___% – ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 5.6 Miles 21.76 Wet Tons @ .56 per wet ton mile						10.68
Total U3O8, V2O5 and Haulage Payment						1017.42

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado Grand Junction, Colorado, June 6 1953
Liquidation No. 9571 Lot No. see below Shippers Lot No.
Bought Charles Rayfield and George Spencer A.E.C. License No. P-1301
Address Uravan, Colorado
Type of Ore Carnotite Date Received 5-16-53 thru 5-31-53
Mining Claim Blackfoot Mining District Vega File No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	69420	5.9	65298.30	0.42 (copper of analysis)	2.28		272.12	1489.03	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	272.12	3.50	32.65	29.17	952.42	
Development Allowance	272.12	.50	32.65	4.17	136.06	
Excess 4 lbs. per ton Premium	141.52	.75	32.65	3.25	106.14	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1194.62
V205 Payment	1489.03	.31	32.65	14.14	461.60	
Total V205 Payment						461.60
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 34.71 Wet Tons @ 1.375 per wet ton mile						47.73
Total U3O8, V2O5 and Haulage Payment						1703.95

1703.95

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

[illegible] Colorado — Grand Junction, Colorado — [illegible] 19[illegible]

[illegible] Lot No. [illegible] — Shippers Lot No. [illegible]

[illegible] — A.E.C. License No. R-1381

Mining [illegible] — Mining District [illegible] — Date Received [illegible]

Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	86080	4.4	82309.14	0.35	1.87		296.32	1538.54	

PRICED PER A.E.C. CIRCULAR NO. [illegible]

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	290.32	3.50	41.15	24.69	1016.12	
Development Allowance	290.32	.04	41.15	3.52	145.10	
Excess 4 lbs. per ton Premium	125.72	.75	41.15	2.29	94.29	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						1255.57
V2O5 Payment	1538.54	.31	41.15	11.59	476.95	
Total V2O5 Payment						476.95
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance [redacted] 41.07 Wet Tons @ 1.25 per wet ton [redacted]						53.80
Total U3O8, V2O5 and Haulage Payment						1786.32

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado Grand Junction, Colorado July 6 1953
Liquidation No. 7765 Lot No. [illegible] Shippers Lot No. [illegible]
Bought of Charles Rayhall and George Spencer A.E.C. Licence No. P-[illegible]
Address Uravan, Colorado Date Received 6-16-53 thru 6-30-53
Type V Pile No.
Mining Claim Blackfoot Mining District Uravan

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	85720	4.1	82178.40	0.40	1.94		326.35	1590.48	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	326.35	3.50	41.09	27.80	1142.23	
Development Allowance	326.35	.50	41.09	3.97	163.18	
Excess 4 lbs. per ton Premium	161.99	.75	41.09	2.96	121.49	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1426.90
V205 Payment	1590.48	.31	41.09	12.00	493.05	
Total V205 Payment						493.05
Less High Line Penalty over 6% CaCo3						
Base Penalty ___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance [redacted] 42.86 Wet Tons @ 1.375 per wet ton [redacted]						58.93
Total U3O8, V2O5 and Haulage Payment						1979.88

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

[illegible], Colorado — Grand Junction, Colorado, July [illegible]

[illegible] Lot No. [illegible] Shippers Lot No. [illegible]

Bought of [illegible] A.E.C. Licence No. R-[illegible]

Address [illegible], Colorado

Type [illegible] Date Received [illegible]

Mining Claim [illegible] Mining District [illegible] File No. [illegible]

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	43560	4.4	41644.04	.31	1.72		131.01	716.14	

PRICED PER A.E.C. CIRCULAR NO. [illegible]

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	131.01	2.50	20.82	22.02	458.54	
Development Allowance	131.01	.50	20.82	3.15	65.51	
Excess 4 lbs. per ton Premium	47.73	.75	20.82	1.72	35.80	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						559.85
V2O5 Payment	716.14	.31	20.82	10.66	222.00	
Total V2O5 Payment						222.00
Less High Line Penalty over 6% CaCo3						
Base Penalty ___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance [redacted] 21.78 Wet Tons @ 1.25 per wet ton [redacted]						27.23
Total U3O8, V2O5 and Haulage Payment						809.08

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station [illegible], Colorado — Grand Junction, Colorado — Aug [illegible], 1953
Liquidation No [illegible] — Lot No. [illegible] — Shippers Lot No. [illegible]
Bought of [illegible] — A.E.C. License No. P-1201
Address [illegible], Colorado
Type of Ore [illegible]
Mining Claim [illegible] — Mining District [illegible] — Date Received 7-16-53 to 7-31-53
Pile No. [illegible]

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
[illegible]	[illegible]	[illegible]	[illegible]	.931	1.01		154.04	975.94	

	POUNDS	[illegible]	[illegible]	[illegible]	VALUE	TOTAL VALUE
U308 Payment	154.04	.350	20.90	23.90	541.24	
Development Allowance	154.04	.150	20.90	3.79	77.32	
Excess 4 lbs. per ton Premium	71.04	.15	20.90	2.55	53.28	
Excess 10 lbs. per ton Premium						
Total U308 Payment						671.84
V205 Payment	975.94	.31	20.90	10.30	215.74	
Total V205 Payment						215.74
Less Minimum Penalty over 6% $CaCO_3$						
Boro Penalty						
[illegible] % [illegible] % Penalty @ $ .54 per [illegible]						
TOTAL						
Haulage Allowance [illegible] Miles 22.94 Wet Tons @ 1.25 per wet ton [illegible]						27.43
Total U3O8 V205 and Haulage Payment						915.01

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UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colorado — Grand Junction, Colorado, August 21, 1953
Liquidation No. 4958 — Lot No. [illegible] — Shippers Lot No. 0
Bought of Charles Rinfell and George Spencer — A.E.C. License No. P-1301
Address Uravan Colorado
Type of Ore Carnotite — Date Received 8-1-53 thru 8-15-53
Mining Claim B Lockfoot — Mining District Naturita — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	65200	4.6	62195.40	0.41 appr of average	1.59		255.25	987.25	

PRICED PER A.E.C. CIRCULAR NO. 2 (Revised)

	POUNDS	PER LB	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	255.25	.50	31.10	28.73	893.38	
Development Allowance	255.25	.50	31.10	4.10	127.63	
Excess 4 lbs. per ton Premium	130.85	.75	31.10	3.16	98.14	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1119.15
V205 Payment	987.25	.31	31.10	9.84	306.05	
Total V205 Payment						306.05
Less High Line Penalty over 6% CaCo3						
Base Penalty ___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 32.60 Wet Tons @ 1.375 per wet ton [redacted]						44.85
Total U3O8, V2O5 and Haulage Payment						1470.03

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Naturita Colorado Grand Junction, Colorado, September 2 1953
Liquidation No. 4912 Lot No. [illegible] Shippers Lot No.
Bought of Charles Kendall + George Spencer A.E.C. License No. [illegible]
Addr. Naturita, Colorado
Type of Ore Carnotite Date Received 8-16-53 Thru 8-31-53
Mining Claim Blackfoot Mining District Naturita Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	43380	5.5	41009.16	0.28	1.34		114.75	564.95	

	POUNDS	PER LB	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	114.75	3.50	20.50	17.60	401.63	
Development Allowance	114.75	.50	20.50	2.80	57.38	
Excess 4 lbs. per ton Premium	32.75	.75	20.50	1.20	24.56	
Excess 10 lbs. per ton Premium						
Total U308 Payment						753.57
V205 Payment	564.95	.31	20.50	8.60	176.68	
Total V205 Payment						176.68
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 27.64 Wet Tons @ .06 per wet ton mile						7.81
Total U3O8, V2O5 and Haulage Payment						668.06

E452

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UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Gypsum, Colorado — Grand Junction, Colorado, September 24 1953
Liquidation No. 5061 — Lot No. 4-14890 — Shippers Lot No.
Bought of Charles Randall & George Spaniccle — A.E.C. License No. P-1301
Address Gypsum, Colorado
Type of Ore Carnotite — Date Received 9-12-53
Mining Claim Blackfoot — Mining District Tripen — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	22880	2.7	2226224	0.20	1.51		44.52	336.16	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	44.52	3.50	11.13	14.00	155.82	
Development Allowance	44.52	.50	11.13	2.00	22.26	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						178.08
V205 Payment	336.16	.31	11.13	9.35	104.21	
Total V205 Payment						104.21
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 11.47 Wet Tons @ .06 per wet ton mile						4.12
Total U3O8, V2O5 and Haulage Payment						286.41

E452

UNITED STATES VANADIUM COMPANY
Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, October 6, 1953
Liquidation No. 5139 — Lot No. Second Detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. F-1044
Address 620 E+C Bldg. Denver, Colorado
Type Carnotite — Date Received 9-16-53 thru 4-30-53
Mining Claim Blackfoot — Mining District Uinta — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx.	average				
	41880	5.4	34620.32	0.18	1.88		62.31	744.07	

PRICED PER A.E.C. CIRCULAR NO. 5 Summary

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	62.31	3.10	17.31	10.75	215.67	
Development Allowance	62.31	.50	17.31	1.75	34.79	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						250.46
V205 Payment						
Total V205 Payment	744.07	.31	17.31	11.65	230.66	
Less High Line Penalty over 6% CaCo3						230.66
Base Penalty						
...%— ...%= ...% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ... Miles 20.94 Wet Tons @ .06 per wet ton mile						1.57
Total U3O8, V2O5 and Haulage Payment						482.66

I certify that I am the lawful owner or authorized Representative of the Lawful Owner of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A.E.C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U3O8, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of relative contents of U3O8 contents and of V2O5 contents of the several loads delivered and covered by this settlement.

Voucher Number 10 ... Date ...
Check Number 20 ... Date ...

Approved for Payment

Buying Agent

E452

1

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado
Liquidation No. 5181 Grand Junction, Colorado, October 22, 1953
Bought of Uranium Development Corp. Lot No. U-21013 Shippers Lot No.
Address 620 E+C Building, Denver, Colorado A.E.C. License No. P-1044
Type of Mining Claim Complete Black Foot Mining District Sign Date Received 10-13-53
Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	21840	6.7	20376.72	0.24	1.34		48.90	273.05	

spot averages

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	48.90	3.50	10.19	16.80	171.15	
Development Allowance	48.90	.50	10.19	2.40	24.45	
Excess 4 lbs. per ton Premium	8.14	.75	10.19	.60	6.11	
Excess 10 lbs. per ton Premium						
Total U308 Payment						201.71
V205 Payment	273.05	.31	10.19	8.31	84.65	
Total V205 Payment						84.65
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 10.92 Wet Tons @ .06 per wet ton mile						3.93
Total U3O8, V2O5 and Haulage Payment						290.29

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number 10-420 Date 10-23-53
Check Number 27015 Date 10-23-53
Approved for Payment

Seller or Agent

E452

1

UNITED [illegible]
A Division of [illegible] and [illegible] Corporation

ORE SETTLEMENT

Receiving station [illegible]
Liquidation No. [illegible]
Bought [illegible]
Address [illegible]
Type of [illegible]
Mining Claim [illegible] Mining District [illegible]

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	Specimen Assays U_3O_8	V_2O_5	[illegible]	[illegible]	Units Pounds [illegible]	$CaCO_3$
	20780	9.6	18785.44	[illegible]	[illegible]		[illegible]	[illegible]	

	Pounds	Price	Value		Value	Total Value
U308 Payment	[illegible]	[illegible]	[illegible]	12.4	74.60	
Development Allowance	[illegible]	[illegible]	[illegible]	8.20	[illegible]	
Excess 4 lbs. per ton Premium	[illegible]	[illegible]	[illegible]	.30	2.63	
Excess 10 lbs. per ton Premium						
Total U308 Payment						168.14
V205 Payment	210.37	[illegible]	[illegible]	6.95	65.22	
Total V205 Payment						65.22

Less High Line Penalty over 6% $CaCO_3$
Base Penalty
---%— -%= ...% Penalty @ $ [illegible] per [illegible]

TOTAL

Haulage Allowance ... 6 ... Miles. [illegible] Wet Tons
@ .06 per wet ton mile

3.74

Total U3O8, V2O5 and Haulage Payment

237.12

I certify that I am the lawful owner or authorized [illegible] have legal right to deliver the same to the United States Vanadium Company. [illegible]

I certify that I hold the A. E. C. [illegible] and lawful license [illegible]

I hereby transfer to the United States Vanadium Company, [illegible] of the date of the ore, all my right, title and interest in and to said ore.

[illegible] opposite "Total U308, V205 and Haulage Payment" [illegible] to me in respect of ore [illegible] and is accepted by me in full payment [illegible]

[illegible]

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC 30 1955

224 New Customhouse
Denver 2, Colorado

December 27, 1955

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA FieldTeam, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract DMe-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering ore shipped to Union Carbide Nuclear Company under Liquidation No. 6439.

Also enclosed is Union Carbide Nuclear Company check No. 633 in the amount of $48.43 in full payment of DMEA royalty due on this shipment.

J. W. Townsend

Enclosures

vk

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
DEC 29 1955

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Uravan, Colorado, December 20, 1955
Liquidation No. 6439 — Lot No. See detail Sheet — Shippers Lot No.
Bought of: Uranium Development Corp — A.E.C. License No. P-1044
Address: Station #1, Santa Fe, New Mexico
Type of Ore: Carnotite — Date Received 12-1-55 thru 12-15-55
Mining Claim: Gerard Harper — Mining District: Uravan, Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				approximate average					
	42320	5.1	40161.68	0.37	2.38		148.69	954.84	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	148.69	3.50	20.08		520.42	
Development Allowance	148.69	.50	20.08		74.35	
Excess 4 lbs. per ton Premium	68.37	.75	20.08		51.28	
Excess 10 lbs. per ton Premium						
Total U308 Payment						646.05
V205 Payment	954.84	.31	20.08		296.00	
Total V205 Payment						296.00
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 21.16 Wet Tons @ 1.25 per wet ton mile						26.45
Total U3O8, V2O5 and Haulage Payment						968.50

DMEA
Date Rec'd.
DEC 23 1955
BUREAU OF MINES
Denver, Colorado

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	630	Date	12-21-55
Check Number	630	Date	12-21-55
Approved for Payment			

Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC 16 1955

224 New Customhouse
Denver 2, Colorado

December 13, 1955

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering ore shipped to Union Carbide Nuclear Company under Liquidation No. 6416.

Also enclosed is Union Carbide Nuclear Company check No. 424 in the amount of $36.90 in full payment of DMEA royalty due on this shipment.

E. M. Harshman

E. M. Harshman

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
DEC 16 1955

DMEA
Date Rec'd
DEC 12 1955
BUREAU OF MINES
DENVER, COLORADO

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Uravan, Colorado, December 1, 19 55
Liquidation No.: 6416 — Lot No.: See load Detail — Shippers Lot No.:
Bought of: Uranium Development Corp — A.E.C. License No.: P-1044
Address: Station #1 Santa Fe, New Mexico
Type of Ore: Carnotite — Date Received: 11-16-55 thru 11-30-55
Mining Claim: Good Hope — Mining District: Uravan - Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				approximate average					
	44280	4.6	42252.24	0.25	2.21		106.24	931.67	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	106.24	3.50	21.13		371.84	
Development Allowance	106.24	.50	21.13		53.12	
Excess 4 lbs. per ton Premium	21.72	.75	21.13		16.29	
Excess 10 lbs. per ton Premium						
Total U308 Payment						441.25
V205 Payment	931.67	.31	21.13		288.82	
Total V205 Payment						288.82
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 22.14 Wet Tons @ .06 per wet ton mile						7.97
Total U3O8, V2O5 and Haulage Payment						738.04

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	421	Date	12-3-55
Check Number	421	Date	12-3-55
Approved for Payment			

Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC - 1 1955

224 New Customhouse
Denver 2, Colorado

November 28, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering ore shipped to Union Carbide Nuclear Company under Liquidation No. 6399.

Also enclosed is Union Carbide Nuclear Company check No. 313 in the amount of $21.94 in full payment of DMEA royalty due on this shipment.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Roayalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Uravan, Colorado, Nov. 18, 1955
Liquidation No. 6399 — Lot No. U-55463 — Shippers Lot No.
Bought of: Uranium Development Corp. — A.E.C. License No. P-1044
Address: Station #1, Santa Fe, New Mexico
Type of Ore: Carnotite — Date Received: 11-10-55
Mining Claim: Good Hope — Mining District: Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	25760	3.5	24858.40	0.24	2.44		59.66	606.54	

PRICED PER A.E.C. CIRCULAR NO. 5 (Rev. 1-59)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	59.66	3.50	12.43		208.81	
Development Allowance	59.66	.50	12.43		29.83	
Excess 4 lbs. per ton Premium	9.94	.75	12.43		7.46	
Excess 10 lbs. per ton Premium						
Total U308 Payment						246.10
V205 Payment	606.54	.31	12.43		188.03	
Total V205 Payment						188.03
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 12.88 Wet Tons @ .06 per wet ton mile						4.64
Total U3O8, V2O5 and Haulage Payment						438.77

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number 312	Date 11-22-55
Check Number 312	Date 11-22-55
Approved for Payment R E Blaney	

Seller or Agent

1000 - DAILY SENTINEL COM'L PTG. DEPT.

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

November 9, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering ore shipped to Union Carbide Nuclear Company under Liquidation No. 6378.

Also enclosed is Union Carbide Nuclear Company check No. 154 in the amount of $107.29 in full payment of royalty due on this shipment of ore.

W. M. Traver

By J. W. Townsend

Enclosures

vj

cc: Royalty File E452
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty File
Chron.

RECEIVED
NOV 14 1955

UNION CARBIDE NUCLEAR COMPANY
~~UNITED STATES VANADIUM COMPANY~~
A Division of Union Carbide and Carbon Corporation

DMEA Date Rec'd NOV 7 1955 BUREAU OF MINES DENVER, COLORADO

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, November 1955

Liquidation No. 6378 — Lot No. See Load Detail Sheet — Shippers Lot No.

Bought of Uranium Development Corp. — A.E.C. License No. D-1044

Address Station #1, Santa Fe, New Mexico

Type of Ore Carnotite — Date Received 10-16-55 thru 10-31-55

Mining Claim Rattlesnake — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approximate average					
	213120	3.3	205982.16	0.20	1.04	8.2	409.19	2142.88	16925.04

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	409.19	3.50	102.99		1432.17	
Development Allowance	409.19	.50	102.99		204.60	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						1636.77
V205 Payment	2142.88	.31	102.99		664.29	
Total V205 Payment						664.29
Less High Line Penalty over 6% CaCo3						
Base Penalty				1.00		
8.2% − 6.0% = 2.2% Penalty @ $ .04 per 1/10th			102.99	.88		
TOTAL						193.62
Haulage Allowance 6 Miles 106.56 Wet Tons @ 0.06 per wet ton mile						38.36
Total U3O8, V2O5 and Haulage Payment						2145.80

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the ~~United States Vanadium Company~~ UNION CARBIDE NUCLEAR COMPANY, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the ~~United States Vanadium Company~~ UNION CARBIDE NUCLEAR COMPANY, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	149	Date	11-3-55
Check Number	149	Date	11-3-55
Approved for Payment			

Seller or Agent

1000 THE SENTINEL PRINTERS

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
AUG - 5 1955

224 New Customhouse
Denver 2, Colorado

August 2, 1955

Memorandum

To: R. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium) Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering ore shipped to United States Vanadium Company under Liquidation No. 6259.

Also enclosed is United States Vanadium Company check No. 1665 in the amount of $80.56 in payment of royalty due on this shipment of ore.

W. M. TRAVER

W. M. Traver

Enclosure

vj

cc: Royalty File E452
J. F. Shaw (2) w/settlement sheet
Sec. Opr. Comm. (2) w/settlement sheet
Royalty Report File
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd

RECEIVED
AUG 5 1955
BUREAU OF MINES
Denver, Colorado

ORE SETTLEMENT

JUL 28 1955

Receiving Station Uravan, Colorado — Grand Junction, Colorado, July 19 1955
Liquidation No. 6259 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P- Denver Colorado
Address C/O 620 E. + C. Building, Denver, Colorado
Type of Ore Carnotite — Date Received 7-1-55 thru 7-15-55
Mining Claim Rattlesnake — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx. Averages					
	135480	3.6	130669.04	0.22	0.97		292.62	1267.49	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	292.62	3.50	65.33		1024.17	
Development Allowance	292.62	.50	65.33		146.31	
Excess 4 lbs. per ton Premium	31.30	.75	65.33		23.48	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1193.96
V205 Payment	1267.49	.31	65.33		392.92	
Total V205 Payment						392.92
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 67.74 Wet Tons @ .06 per wet ton mile						24.39
Total U3O8, V2O5 and Haulage Payment						1611.27

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number	1664	Date	7/21/55
Check Number	1664	Date	7/21/55
Approved for Payment			

Seller or Agent

7-52-1500 SENTINEL PRINTERS

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JUL 13 1955

224 New Customhouse
Denver 2, Colorado

July 11, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618, (Uranium) Contract Idm--E452, The Uranium Development Corporation, Colorado

Enclosed is settlement sheet covering ore shipped to United States Vanadium Company under Liquidation No. 6251.

Also enclosed is United States Vanadium Company check No. 1504 in the amount of $36.76 in payment of royalty due on this shipment.

W. M. Traver

Enclosures

vj

cc: Royalty File E452
J. E. Shaw w/settlement sheet
Sec. Opr. Comm. (2) w/settlement sheet
Royalty Report File
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED JUL 13 1955

DMEA Date Rec'd. JUL 11

ORE SETTLEMENT

Receiving Station Uravan, Colorado Grand Junction, Colorado, July 4 1955

Liquidation No. 6251 Lot No. See Bond detail Shipper Lot No.

Bought of The Uranium Development Corporation A.E.C. License No. P-1044

Address c/o Mrs. Jean Cottrienth, 620 C+C Bldg., Denver 2, Colorado

Type of Ore Carbonate Date Received 6-16-55 thru 6-30-55

Mining Claim Rattlesnake Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	69080	5.0	65610.00	0.21	0.83		137.53	541.93	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	137.53	3.50	32.81		481.36	
Development Allowance	137.53	.50	32.81		68.77	
Excess 4 lbs. per ton Premium	6.29	.75	32.81		4.72	
Excess 10 lbs. per ton Premium						
Total U308 Payment						554.85
V205 Payment	541.93	.31	32.81		168.00	
Total V205 Payment						168.00
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 34.54 Wet Tons @ .06 per wet ton mile						12.43
Total U3O8, V2O5 and Haulage Payment						735.28

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U308 contents and of V205 contents of the several loads delivered and covered by this settlement.

Voucher Number 1503	Date 7-6-55
Check Number 1503	Date 7-6-55
Approved for Payment	

Seller or Agent

7-52-1500 SENTINEL PRINTERS

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JUL 11 1955

204 New Customhouse
Denver 2, Colorado

July 8, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 2618 (Uranium), Contract Idm-E452, The Uranium Development Corporation - Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 6218 to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 1370 in the amount of $90.26 in payment of royalty due on this shipment.

W. M. TRAVER,

W. M. Traver

Enclosure

vj

cc: Royalty File E452
J. F. Shaw w/settlement sheet
Sec. Opr. Comm. (2) w/settlement sheet
Royalty Report File
Chron.

UNITED STATES VANADIUM COMPANY
Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd.

ORE SETTLEMENT

RECEIVED JUL 11 1955

JUN 29 1955
BUREAU OF MINES
Denver, Colorado

Receiving Station: Uravan, Colorado — Grand Junction, Colorado, June 17, 1955
Liquidation No. 6218 — Lot No. Sealed Sheet — Shippers Lot No.
Bought of: The Uranium Development Corp. — A.E.C. License No. P-1044
Address: C/o Mrs. Jean Cottwiendt, 2019 South Broadway, Denver, Colorado
Type of Ore: Carnotite — Date Received: 6-1-55 thru 6-15-55
Mining Claim: Rattlesnake — Mining District: Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	109120	3.8	104946.24	approx. 0.32	approx. 0.86		339.65	906.32	

PRICED PER A.E.C. CIRCULAR NO. 54 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	339.65	3.50	52.47		1188.78	
Development Allowance	339.65	.50	52.47		169.83	
Excess 4 lbs. per ton Premium	129.77	.75	52.47		97.33	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1455.94
V205 Payment	906.32	.31	52.47		280.96	
Total V205 Payment						280.96
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 54.56 Wet Tons @ 1.25 per wet ton						68.20
Total U3O8, V2O5 and Haulage Payment						1805.10

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number 1369	Date 6-27-55
Check Number 1369	Date 6-27-55
Approved for Payment	

Seller or Agent

E452

11-5 100 THE SENTINEL PRINTERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JUN 15 1955

224 New Customhouse
Denver 2, Colorado

June 13, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, RegionIII

Subject: Royalty Payment - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-E452 - Colorado

Enclosed are settlement sheets covering ore shipped under Lot No. 6203 from the Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 1203 in the amount of $24.06 in payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

DMEA
Date Rec'd.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED JUN 9 1955

ORE SETTLEMENT

RECEIVED JUN 15 1955 BUREAU OF MINES Denver, Colorado

Receiving Station Uravan, Colorado — Uravan, Colorado, June 6 1955
Liquidation No. 6203 — Lot No. 4-47339 — Shippers Lot No.
Bought of Uranium Development Corp. Attn: Jean Cartwright — A.E.C. License No. P-1044
Address 2019 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 5/17/55
Mining Claim Rattlesnake — Mining District Uravan-Cage Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	20080	4.1	19256.72	0.47	1.11	approx average	90.51	213.75	

PRICED PER A.E.C. CIRCULAR NO. 51 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	90.51	3.50	9.63		316.79	
Development Allowance	90.51	.50	9.63		45.26	
Excess 4 lbs. per ton Premium	51.99	.75	9.63		38.99	
Excess 10 lbs. per ton Premium						
Total U308 Payment						401.04
V205 Payment	213.75	.31	9.63		66.26	
Total V205 Payment						66.26
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 10.04 Wet Tons @ 1.3750 per wet ton [redacted]						13.81
Total U3O8, V2O5 and Haulage Payment						481.11

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	1202	Date	6-6-55
Check Number	1202	Date	6-6-55
Approved for Payment			

Seller or Agent

1000 THE SENTINEL PRINTERS

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
JUN 1 0 1955

224 New Customhouse
Denver 2, Colorado

June 9, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-E452 - Colorado

Enclosed are settlement sheets covering ore shipped under Lots Nos. 6181 and 6182 from the Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 1016 in the amount of $42.06 in payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd.
MAY 27 1955

RECEIVED
JUN 13 1955
BUREAU OF MINES
Denver, Colorado

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, Mar 25 55
Liquidation No. 6181 — Lot No. 4-47002 — Shippers Lot No.
Bought of Uranium Development Corp. % Mrs. Jean Costriendt — A.E.C. License No. P-1044
Address 2019 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 5/10/55
Mining Claim Rattlesnake — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	24460	2.6	23531.84	0.21	1.20		49.42	282.38	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	49.42	3.50	11.77		172.97	
Development Allowance	49.42	.50	11.77		24.71	
Excess 4 lbs. per ton Premium	2.34	.75	11.77		1.76	
Excess 10 lbs. per ton Premium						
Total U308 Payment						199.44
V205 Payment	282.38	.31	11.77		87.54	
Total V205 Payment						87.54
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance .6 Miles 12.08 Wet Tons @ .06 per wet ton mile						4.35
Total U3O8, V2O5 and Haulage Payment						291.33

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	1015	Date	5-23-55
Check Number	1015	Date	5-23-55
Approved for Payment	J E Blaney		

Seller or Agent

E452

1960 THE SENTINEL PRINTERS

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd

RECEIVED
JUN 13 1955

ORE SETTLEMENT

MAY 27 1955
BUREAU OF MINES
Denver, Colorado

Receiving Station: Uravan, Colorado — Uravan, Colorado, May 19, 1955
Liquidation No. 6182 — Lot No. U-47063 — Shippers Lot No.
Bought of Uranium Development Corp. % Mrs. Jean Cortwright — A.E.C. License No. P-1844
Address 2019 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 5/11/55
Mining Claim Good Hope — Mining District Uravan-Cogle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	23600	4.7	22490.80	0.37	2.49		83.22	560.02	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	83.22	3.50	11.25		291.27	
Development Allowance	83.22	.50	11.25		41.61	
Excess 4 lbs. per ton Premium	38.22	.75	11.25		28.67	
Excess 10 lbs. per ton Premium						
Total U308 Payment						361.55
V205 Payment	560.02	.31	11.25		173.61	
Total V205 Payment						173.61
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 11.80 Wet Tons @ $1.25 per wet ton						14.75
Total U3O8, V2O5 and Haulage Payment						549.91

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	1015	Date	5-23-55
Check Number	1015	Date	5-23-55
Approved for Payment	N E Blaney		

Seller or Agent

1000 THE SENTINEL PRINTERS

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 17, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-E452 - Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 6153 from The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 900 in the amount of $26.15 in payment of royalty due on this shipment.

W. M. Traver

Enclosures

WJ

cc: Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw w/ settlement sheet
Royalty File E452
Royalty Report File
Chron

1 8

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd.
MAY 11 1955
BUREAU OF MINES
Denver, Colorado

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, May 5, 1955
Liquidation No. 6153 — Lot No. 46408 — Shippers Lot No.
Bought of Uranium Development Corp. To Mrs Jean Cortwright — A.E.C. License No. P-1044
Address 2019 S. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 4/28/55
Mining Claim Good Hope — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8 (Approx Average)	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	21920	4.4	20955.52	0.38	2.50		79.63	523.89	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	79.63	3.50	10.48		278.71	
Development Allowance	79.63	.50	10.48		39.82	
Excess 4 lbs. per ton Premium	37.71	.75	10.48		28.28	
Excess 10 lbs. per ton Premium						
Total U308 Payment						346.81
V205 Payment	523.89	.31	10.48		162.41	
Total V205 Payment						162.41
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 10.96 Wet Tons @1.25 per wet ton						13.70
Total U3O8, V2O5 and Haulage Payment						522.92

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	891	Date	5-7-55
Check Number	891	Date	5-7-55
Approved for Payment	N E Flanary		

Seller or Agent

1000 THE SENTINEL PRINTERS

hc

E 452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd
MAY 11 1955
BUREAU OF MINES
Denver, Colorado

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, May 5, 1955
Liquidation No. 6153 — Lot No. 46408 — Shippers Lot No.
Bought of Uranium Development Corp. % Mrs. Jean Cortwriendt — A.E.C. License No. P-1044
Address 2019 S. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 4/28/55
Mining Claim Good Hope — Mining District Uravan-Cayle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8 (approx. average)	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	21920	4.4	20955.52	0.38	2.50		79.63	523.89	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	79.63	3.50	10.48		278.71	
Development Allowance	79.63	.50	10.48		39.82	
Excess 4 lbs. per ton Premium	37.71	.75	10.48		28.28	
Excess 10 lbs. per ton Premium						
Total U308 Payment						346.81
V205 Payment	523.89	.31	10.48		162.41	
Total V205 Payment						162.41
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 10.96 Wet Tons @1.25 per wet ton						13.70
Total U3O8, V2O5 and Haulage Payment						522.92

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	891	Date	5-7-55
Check Number	891	Date	5-7-55
Approved for Payment	N E Blancey		

Seller or Agent

1000 THE SENTINEL PRINTERS

E 452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Strategic Materials Administration
RECEIVED
MAY 16 1955

224 New Customhouse
Denver 2, Colorado

May 10, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-2452 - Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 6125 from The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 712 in the amount of $103.48 in payment of royalty due on this shipment.

W. J. Travor

Enclosures

1d

Copy to: Mr. Mr. Mat. (2) w/settlement sheet
J. P. Brown/settlement sheet
Royalty File
Royalty Report File
Chron

Date Rec'd.

APR 27 1955

BUREAU OF MINES
Denver, Colorado

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, April 18, 1955

Liquidation No. 6125 — Lot No. See Load Detail — Shippers Lot No.

Bought of Uranium Development Corp. % Mrs. Jean Cartwrightdt — A.E.C. License No. P-1044

Address 2019 So. Broadway, Denver, Colorado

Type of Ore Carnotite — Date Received 4/1/55 to 4/15/55

Mining Claim Good Hope — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				Approx Average					
	112680	4.5	107576.04	0.30	2.20		321.69	2363.07	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	321.69	3.50	53.79		1125.92	
Development Allowance	321.69	.50	53.79		160.85	
Excess 4 lbs. per ton Premium	106.53	.75	53.79		79.90	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1366.67
V205 Payment	2363.07	.31	53.79		732.55	
Total V205 Payment						732.55
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 56.34 Wet Tons @ 1.25 per wet ton						70.43
			E-452			
Total U3O8, V2O5 and Haulage Payment						2169.65

Defense Minerals Administration
RECEIVED
MAY 1 6 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 13, 1955

Memorandum

To: P. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - The Uranium Development Corporation, Docket DMEA 2018, Contract Idn-E452 - Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 0113 from The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 565 in the amount of $123.57 in payment of royalty due on this shipment.

W. M. TRAVER
W. M. Traver

Enclosures

2

Copy to: Geo. Sup. Comm. (2) w/settlement sheet
J. F. [illegible] w/settlement sheet
Royalty File E452
Chron

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

Defense Minerals Administration
RECEIVED
APR 18 1955

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado — April 4, 1955
Liquidation No. 6113 — Lot No. See Load Detail — Shippers Lot No.
Bought of Uranium Development Corp. % Mrs. Jean Cartwright — A.E.C. License No. R-1044
Address 2019 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 3/16/55 to 3/31/55
Mining Claim Good Hope — Mining District Uravan-Cove Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	135760	4.4	129733.12	0.29	2.14		374.58	2781.49	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	374.58	3.50	64.87		1311.03	
Development Allowance	374.58	.50	64.87		187.29	
Excess 4 lbs. per ton Premium	115.10	.75	64.87		86.33	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1584.65
V205 Payment	2781.49	.31	64.87		862.26	
Total V205 Payment						862.26
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 67.88 Wet Tons @ .06 per wet ton mile						24.44
Total U3O8, V2O5 and Haulage Payment						2471.35

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	584	Date	4-5-55
Check Number	584	Date	4-5-55
Approved for Payment	J. Brenton		

Seller or Agent

DMEA
Date Rec'd
APR 21 1955
BUREAU OF MINES
Denver, Colorado

1000 THE SENTINEL PRINTERS

pc

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

APR 15 1955

224 New Customhouse
Denver 2, Colorado

April 11, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-E452 - Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 6088 from The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 445 in the amount of $40.21 in payment of royalty due on this shipment.

W. M. TRAVER,

W. M. Traver

Enclosures

2

Copy to: Reg. Spr. Comm. (3) w/settlement sheet
J. F. Mac w/settlement sheet
Royalty File E452
Chron

1

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd.
MAR 30 1955
BUREAU OF MINES
Denver, Colorado

ORE SETTLEMENT

Receiving Station Uravan, Colorado Uravan, Colorado March 17 1955
Liquidation No. 6088 Lot No. See Lot detail Shippers Lot No.
Bought of The Uranium Development Corp. A.E.C. License No. R1044
Address % Mrs. Jean Continendt 2014 So. Broadway, Denver, Colo.
Type of Ore Carnotite Date Received 3-1-55 thru 3-15-55
Mining Claim Good Hope Mining District Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	38920	4.8	37053.36	0.33	2.22	Approx. Average	122.11	823.99	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	122.11	3.50	18.53		427.39	
Development Allowance	122.11	.50	18.53		61.06	
Excess 4 lbs. per ton Premium	47.99	.75	18.53		35.99	
Excess 10 lbs. per ton Premium						
Total U308 Payment						524.44
V205 Payment	823.99	.31	18.53		255.44	
Total V205 Payment						255.44
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 19.46 Wet Tons @ 1.25 per wet ton						24.33
Total U3O8, V2O5 and Haulage Payment						804.21

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 9, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-E452 - Colorado

Enclosed is settlement sheet covering ore shipped under Lot No.6061 from The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 228 in the amount of $22.60 in payment of royalty due on the above shipment.

W. M. TRAVER.

W. M. Traver

Enclosures

1d

Copy to: Sec. Opr. Comm. (2)
J. F. Shaw
Royalty File E452
Chron

1

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 14 1955

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado — February
Liquidation No. 6061 — Lot No. Seylord Petrol — Shippers Lot No.
Bought of The Uranium Development Corp. — A.E.C. License No.
Address c/o Mrs. Jean Cartwright 2019 So. Broadway, De
Type of Ore Carnotite — Date Received 2-1-5
Mining Claim Rattlesnake — Mining District Uravan-Eagle Basin — Pile N

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTEN U_3O_8	V
	35880	3.1	34761.80	0.21	1.33		74.54	463

PRICED PER A.E.C. CIRCULAR NO. 5 Re

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE
U308 Payment	74.54	3.50	17.38		260.
Development Allowance	74.54	.50	17.38		37.
Excess 4 lbs. per ton Premium	5.02	.75	17.38		3.7
Excess 10 lbs. per ton Premium					
Total U308 Payment					
V205 Payment	463.23	.31	17.38		143.6
Total V205 Payment					
Less High Line Penalty over 6% CaCo3					
Base Penalty					
——%———%=——% Penalty @ $ .04 per 1/10th					
TOTAL					

Haulage Allowance 6 Miles 17.94 Wet Tons
@ .06 per wet ton mile

Total U3O8, V2O5 and Haulage Payment

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

February 15, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-E452 - Colorado

Enclosed are settlement sheets covering ore shipped under Lots Nos. 6037 and 6038 from The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 82 in the amount of $155.42 in payment of royalties due on the shipments as follows:

Liquidation No. 6037	$142.87	
Liquidation No. 6038	12.55	
TOTAL		$155.42

W. M. TRAVER
W. M. Traver

Enclosures

1.

Copy to: Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw w/settlement sheets
Royalty File E452
Chron

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UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

FEB 9 1955

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, February 1, 1955
Liquidation No. 6037 — Lot No. (See lead detail) — Shippers Lot No.
Bought of The Uranium Development Corp. — A.E.C. License No. R-1044
Address To Mrs. Jean Corturiendt 2019 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 1-16-55 thru 1-31-55
Mining Claim Rattle Snake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	130780	4.9	124366.24	Approx. Average 0.39	1.63		491.15	2029.72	

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	491.15	3.50	62.18		1719.03	
Development Allowance	491.15	.50	62.18		245.58	
Excess 4 lbs. per ton Premium	242.43	.75	62.18		181.82	
Excess 10 lbs. per ton Premium						
Total U308 Payment						2146.43
V205 Payment	2029.72	.31	62.18		629.21	
Total V205 Payment						629.21
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 65.39 Wet Tons @ 1.25 per wet ton ~~mile~~						81.74
Total U3O8, V2O5 and Haulage Payment						2857.38

E452

Ad

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

FEB 9 1955

ORE SETTLEMENT

Receiving Station Uravan, Colorado URAVAN ~~Grand Junction~~, Colorado, February 1, 19 55

Liquidation No. 6038 Lot No. U-41823 Shippers Lot No.

Bought of The Uranium Development Corp. A.E.C. License No. P-1044

Address 90 MRS. Jean Corturiendt 2019 So. BROADWAY, Denver, Colorado

Type of Ore CARNOTITE Date Received 1-16-55 thru 1-31-55

Mining Claim Good Hope Mining District URAVAN-EAGLE BASIN Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8	V_2O_5	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	16240	6.4	15200.64	0.25	1.92		38.00	291.85	

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	38.00	3.50	7.60		133.00	
Development Allowance	38.00	.50	7.60		19.00	
Excess 4 lbs. per ton Premium	7.60	.75	7.60		5.70	
Excess 10 lbs. per ton Premium						
Total U308 Payment						157.70
V205 Payment						
Total V205 Payment	291.85	.31	7.60		90.47	
Less High Line Penalty over 6% CaCo3						90.47
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 8.12 Wet Tons @ .06 per wet ton mile						2.92
Total U3O8, V2O5 and Haulage Payment						251.09

E452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1955

224 New Customhouse
Denver 2, Colorado

January 27, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - The Uranium Development Corporation, Docket DMEA 2618, Contract Idm-E452 - Colorado

Enclosed are settlement sheets covering ore shipped under Lots Nos. 6029 and 6030 from The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company check No. 32342 in the amount of $104.88 in payment of royalty due on these shipments as follows:

Liquidation No. 6029	$79.78
Liquidation No. 6030	25.10
Total	$104.88

W. M. TRAVER

W. M. Traver

Enclosures

1d

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
J. F. Shaw w/settlement sheets
Royalty File E452
Chron

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1955

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, January 20, 1955
Liquidation No. 6029 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Development Corp — A.E.C. License No. P-1044
Address c/o Mrs. Jean Coetzvriendt 2019 So. Broadway, Denver, Colo.
Type of Ore Carnotite — Date Received 1-1-55 thru 1-15-55
Mining Claim Rattlesnake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	94960	4.1	91081.88	0.30	1.27	Approx. average	276.55	1159.26	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	276.55	3.50	45.54		967.93	
Development Allowance	276.55	.50	45.54		138.28	
Excess 4 lbs. per ton Premium	9439	.75	45.54		70.79	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1177.00
V205 Payment	1159.26	.31	45.54		359.37	
Total V205 Payment						359.37
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 47.48 Wet Tons @ 1.25 per wet ton						59.35
Total U3O8, V2O5 and Haulage Payment						1595.72

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado Uravan [redacted] Colorado, January 20, 1955
Liquidation No. 6030 Lot No. See lot detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. R1044
Address % Mes Dept Contrevend + 2019 So Broadway, Denver, Colo
Type of Ore Carnotite Date Received 1-1-55 thru 1-15-55
Mining Claim Good Hope Mining District Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	43000	6.0	40421.12	0.19	1.55	Approx. Average	78.80	628.36	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	78.80	3.30	20.21		260.04	
Development Allowance	78.80	.50	20.21		39.40	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						299.44
V205 Payment	628.36	.31	20.21		194.79	
Total V205 Payment						194.79
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 21.50 Wet Tons @ .06 per wet ton mile						7.74
Total U3O8, V2O5 and Haulage Payment						501.97

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

January 18, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - The Uranium Development Corporation, Docket No. DMEA 2618, Contract No. Idm-E452 - Colorado

Enclosed are settlement sheets covering ore shipped under Liquidation Nos. 6003 and 6004 by The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check No. 32217 from United States Vanadium Company in the amount of $83.73 in payment of royalty on these shipments as follows:

Liquidation No. 6003	$18.57	
Liquidation No. 6004	65.16	
Total		$83.73

W. M. Traver

W. M. Traver

Enclosures

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Copy to: Sec. Opr. Comm. (2) w/ settlement sheets
J. F. Shaw w/settlement sheets
Royalty File E452
Chron

UNITED STATES VANADIUM COMPANY
A Division of Union Carbon and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

ORE SETTLEMENT

Date Rec'd: JAN 7 1955

Receiving Station: Uravan, Colorado
Grand Junction, Colorado, JAN 7 1955
Liquidation No. 6003
Lot No. See detail sheet
Shippers Lot No.
Bought of: Uranium Development Corp.
A.E.C. License No. P-[illegible]
Address: c/o Mrs. Jean Cortviendt, 2019 South Broadway, Denver, Colorado
Type of Ore: Carnotite
Date Received: 12-16-54 Ch 12-31-54
Mining Claim: Rattlesnake
Mining District: Uravan — Eagle Basin
Pile No.

BUREAU OF MINES
Denver, Colorado

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	35440	3.2	34305.92	0.19	1.17		63.47	399.70	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER.LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	63.47	3.30	17.15		209.45	
Development Allowance	63.47	.50	17.15		31.74	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						241.19
V205 Payment						
Total V205 Payment	399.70	.31	17.15		123.91	
Less High Line Penalty over 6% CaCo3						123.91
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 17.72 Wet Tons @ .10 per wet ton mile						6.38
Total U3O8, V2O5 and Haulage Payment						371.48

2

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

Date Rec'd.
JAN. 7 1955
BUREAU OF MINES
Denver, Colorado

ORE SETTLEMENT

Receiving Station Uravan, Colorado — URAVAN ~~Grand Junction~~, Colorado, Jan. 4, 1955
Liquidation No. 6004 — Lot No. See detail sheet — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address c/o Mrs. Jean Cotriendy, 2019 South Broadway, Denver Colorado
Type of Ore Carnotite — Date Received 12-16-54 thru 12-31-54
Mining Claim Good Hope — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	89920	5.6	84862.64	approx. 0.23	average 1.78		199.30	1507.89	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	199.30	3.50	42.43		697.55	
Development Allowance	199.30	.50	42.43		99.65	
Excess 4 lbs. per ton Premium	29.58	.75	42.43		22.19	
Excess 10 lbs. per ton Premium						
Total U308 Payment						819.39
V205 Payment	1507.89	.31	42.43		467.45	
Total V205 Payment						467.45
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 44.96 Wet Tons @ .06 per wet ton mile						16.19
Total U3O8, V2O5 and Haulage Payment						1303.03

A52

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 29, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corporation, Docket No. DMEA 2618, Contract No. Idm-E452 - Colorado

Enclosed are settlement sheets covering ore shipped under Liquidation Numbers 5983 and 5984 by The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check No. 32075 from United States Vanadium Company in the amount of $169.89 in payment of royalty on these shipments as follows:

Liquidation No. 5983	$72.18
Liquidation No. 5984	97.71
	$169.89

Enclosures

W. H. KING

W. H. King

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
Traver w/settlement sheet
Royalty File E452
Chron

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UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
REPRESENTATIVE
JAN 1 1955

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado December 20, 1954
Liquidation No. 5984 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Dev. Corp. — A.E.C. License No. P-1044
Address % Mrs. Jean Cortvriendt 2019 So. Broadway, Denver, Colo.
Type of Ore Carnotite — Date Received 12-1-54 thru 12-15-54
Mining Claim Good Hope — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	115740	5.8	109007.52	approx 0.28	1.89	average	306.90	2061.78	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	306.90	3.50	54.50		1074.15	
Development Allowance	306.90	.50	54.50		153.45	
Excess 4 lbs. per ton Premium	88.90	.75	54.50		66.68	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1294.28
V205 Payment	2061.78	.31	54.50		639.15	
Total V205 Payment						639.15
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 4 Miles 5787 Wet Tons @ .04 per wet ton mile						20.83
Total U3O8, V2O5 and Haulage Payment						1954.26

E452

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, December 20, 1954
Liquidation No. 5983 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Dev. Corp. — A.E.C. License No. R1044
Address % Mrs. Jean Cartvriendt 2019 So. Broadway Denver, Colorado
Type of Ore Carnotite — Date Received 12-1-54 thru 12-15-54
Mining Claim Rattlesnake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	83360	4.1	79965.00	0.29	1.77	approx. average	233.81	1412.50	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	233.81	3.50	39.98		818.34	
Development Allowance	233.81	.50	39.98		116.91	
Excess 4 lbs. per ton Premium	73.89	.75	39.98		55.42	
Excess 10 lbs. per ton Premium						
Total U308 Payment						990.67
V205 Payment	1412.50	.31	39.98		437.88	
Total V205 Payment						437.88
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 41.68 Wet Tons @ .06 per wet ton mile						15.00
Total U3O8, V2O5 and Haulage Payment						1443.55

E452.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 8, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region lV

Subject: Royalty - The Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 5944 by The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company's check, No. 31912, in the amount of $94.17 in payment of royalty on this shipment.

W. H. King

Enclosure
mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

2

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

URAVAN

Receiving Station Uravan, Colorado Grand Junction, Colorado, December 3, 19 54

Liquidation No. 5944 Lot No. See load detail Shippers Lot No.

Bought of Uranium Development Corp. A.E.C. License No.

Address C/O Mrs. Jean Cartwright, 2015 So. Broadway, Denver, Colorado

Type of Ore Carnotite Date Received 11-16-54 thru 11-30-54

Mining Claim Good Hope Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				approx. average					
	69520	6.0	65327.84	0.46	2.52		299.75	1644.33	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	299.75	3.50	32.66		1049.13	
Development Allowance	299.75	.50	32.66		149.88	
Excess 4 lbs. per ton Premium	169.11	.75	32.66		126.83	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1325.84
V205 Payment	1644.33	.31	32.66		509.74	
Total V205 Payment						509.74
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 34.76 Wet Tons @ 1.375 per wet ton						47.80
Total U3O8, V2O5 and Haulage Payment						1883.38

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

December 8, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region lV

Subject: Royalty - The Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 5937 by The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company's check, No. 31793, in the amount of $40.25 in payment of royalty on this shipment.

W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, November 22, 1954
Liquidation No. 5937 — Lot No. U-38398 — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address C/O Mrs. Jean Costwiendt, 2015 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 11-15-54
Mining Claim Good Hope — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	22400	8.5	20496.00	0.64	2.97		131.17	608.73	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	131.17	3.50	10.25		459.10	
Development Allowance	131.17	.50	10.25		65.59	
Excess 4 lbs. per ton Premium	90.17	.75	10.25		67.63	
Excess 10 lbs. per ton Premium	28.67	.25	10.25		7.17	
Total U308 Payment						599.49
V205 Payment	608.73	.31	10.25		188.71	
Total V205 Payment						188.71
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 11.20 Wet Tons @ 1.50 per wet ton [redacted]						16.80
Total U3O8, V2O5 and Haulage Payment						805.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

November 17, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 5896 by The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company's check, No. 31630, in the amount of $146.61 in payment of royalty on this shipment.

John F. Shaw
For W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Bureau of Mines
Minerals Administration
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NOV 22 1954

ORE SETTLEMENT

URAVAN

Receiving Station Uravan, Colorado — Colorado, November 5, 1954
Liquidation No. 5896 — Lot No. See Detail Sheet — Shippers Lot No. —
Bought of Uranium Development Corporation — A.E.C. License No. R-1044
Address C/o Mrs Jean Cortvrlendt, 2015 So. Broadway; Denver, Colorado
Type of Ore Carnotite — Date Received 10-15-54 thru 10-31-54
Mining Claim Good Hope — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	69840	6.2	65480.54	Approx. 0.72	Averages 3.39		474.32	2220.24	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	474.32	3.50	32.74		1660.12	
Development Allowance	474.32	.50	32.74		237.16	
Excess 4 lbs. per ton Premium	343.36	.75	32.74		257.52	
Excess 10 lbs. per ton Premium	146.92	.25	32.74		36.73	
Total U308 Payment						2191.53
V205 Payment	2220.24	.31	32.74		688.27	
Total V205 Payment						688.27
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 34.92 Wet Tons @ 1.50 per wet ton ~~mile~~						52.38
Total U3O8, V2O5 and Haulage Payment						2932.18

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 1954

224 New Customhouse
Denver 2, Colorado

November 4, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed are settlement sheets covering ore shipped under Liquidation Numbers 5885 and 5886 by The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company's check, No. 31518, in the amount of $56.62 in payment of royalty on these shipments as follows:

Liquidation No. 5885	$36.01
Liquidation No. 5886	20.61
	$56.62

W. H. King

W. H. King

Enclosures
mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Traver w/enc. settlement sheets
Chron.

1
RC

UNITED STATES VANADIUM COMPANY
Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 = 1954

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, Oct. 21, 1954
Liquidation No. 5885 — Lot No. U-36907 — Shippers Lot No.
Bought of Uranium Development Corporation — A.E.C. License No. P-1044
Address c/o Mrs. Jean Cortwrendt, 2015 South Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 10-15-54
Mining Claim Good Hope — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	24480	5.5	23133.60	0.50	2.61		115.67	603.79	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	115.67	3.50	11.57		404.85	
Development Allowance	115.67	.50	11.57		57.84	
Excess 4 lbs. per ton Premium	69.39	.75	11.57		52.04	
Excess 10 lbs. per ton Premium						
Total U308 Payment						514.73
V205 Payment	603.79	.31	11.57		187.17	
Total V205 Payment						187.17
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 12.24 Wet Tons @ 1.50 per wet ton						18.36
Total U3O8, V2O5 and Haulage Payment						720.26

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Fc

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado Grand Junction, Colorado, Oct. 21, 1954
Liquidation No. 5886 Lot No. U-36706 Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. N-1044
Address c/o Mrs. Jean Controvendt, 2015 South Broadway, Denver, Colorado
Type of Ore Carnotite Date Received 10-11-54
Mining Claim Rattlesnake Mining District Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS			CONTENTS POUNDS		
				U_3O_8	V_2O_5	$CaCO_3$	U_3O_8	V_2O_5	$CaCO_3$
	22560	6.8	21025.92	0.56	2.26		117.75	475.19	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	117.75	3.50	10.51		412.13	
Development Allowance	117.75	.50	10.51		58.88	
Excess 4 lbs. per ton Premium	75.71	.75	10.51		56.78	
Excess 10 lbs. per ton Premium	12.65	.25	10.51		3.16	
Total U308 Payment						530.95
V205 Payment	475.19	.31	10.51		147.31	
Total V205 Payment						147.31
Less High Line Penalty over 6% CaCo3						
Base Penalty						
10.1% — 6.0% = 4.0% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 11.28 Wet Tons @ 1.50 per wet ton						16.92
Total U3O8, V2O5 and Haulage Payment						695.18

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

October 18, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corp.
Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Lot No. 5867 by The Uranium Development Corporation to United States Vanadium Company.

Also enclosed is United States Vanadium Company's check, No. 31352 in the amount of $91.97 in payment of royalty on this shipment.

W H King
W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — URAVAN ~~Grand Junction~~ Colorado, October 5, 1954
Liquidation No. 5867 — Lot No. See Load Detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address C/O Mrs. Jean Cortbrandt, 2015 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 9-16-54 thru 9-30-54
Mining Claim Good Hope — Mining District Uravan Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx.	Average				
	100400	5.5	94921.36	0.29	2.23		275.51	2112.94	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	275.51	3.50	47.46	20.32	964.29	
Development Allowance	275.51	.50	47.46	2.90	137.74	
Excess 4 lbs. per ton Premium	85.67	.75	47.46	1.35	64.25	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1166.30
V205 Payment	2112.94	.31	47.46	13.80	655.01	
Total V205 Payment						655.01
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 50.20 Wet Tons @ .06 per wet ton mile						18.07
Total U3O8, V2O5 and Haulage Payment						1839.38

50% of 1839.38 = 919.69

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	10-111	Date	10-7-54
Check Number	31351	Date	10-7-54
Approved for Payment			

Seller or Agent

11-53-1000 THE SENTINEL PRINTERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 4 1954

224 New Customhouse
Denver 2, Colorado

September 29, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corp.
Docket 2618, Contract No. E452, Colo.

Enclosed is settlement sheet covering ore shipped under Lot No. Amended 1432 by The Uranium Development Corporation to Climax Uranium Company.

Also enclosed is Climax Uranium Company's check, No. 13381, in the amount of $7.12 in payment of royalty on this shipment.

W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

CLIMAX URANIUM COMPANY
GRAND JUNCTION, COLO.

Receiving Station: Climax Uranium Company — Grand Junction, Colorado, September 20, 1954
Liquidation No.: Amended 1432 — Lot No.: — Shippers Lot No.:
Bought of: The Uranium Development Corp. — A.E.C. License No.: P-1044
Address: c/o Mrs. Jean Cortvriendt, Secretary, 2015 South Broadway, Denver, Colorado
Type of Ore: Carnotite — Date Received: 8/16/54 thru 8/31/54
Mining Claim: Fairy King — Mining District: Vixen — Pile No.:

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
5-4390	244	3.6	235	11.80	4.01	2.00	27.73	9.42	4.70

		Per Lb.	Per Ton	Short Tons	Total Value
U_3O_8					
11.80% = 27.73 lbs. at		$3.50	$808.83	.12	$ 97.06
Development allowance 27.73 lbs. at		.50	115.58	.12	13.87
Premium in excess of 4# per ton					
Total lbs. U_3O_8	27.73				
Less: .12 tons @ 4#	.48				
PREMIUM LBS.	27.25	.75	170.33	.12	20.44
Premium in excess of 10# per ton					
Total lbs. U_3O_8	27.73				
Less: .12 tons @ 10#	1.20				
PREMIUM LBS.	26.53	.25	55.25	.12	6.63
Total U_3O_8 Payment					$138.00
Haulage allowance $12.00 per wet ton					1.46
V_2O_5					
4.01% = 9.42 lbs. at		.31	24.33	.12	2.92
Total Gross Price					$142.38
Deductions:					
1. Royalty - Treasurer of the U. S. 5% of $142.38					7.12
					$135.26

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, for sums due to me on account of the ore deliveries described herein.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

Seller or Agent.

CU-178 5M-2-54 W&Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

OCT - 4 1954

September 29, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colo.

Enclosed is settlement sheet covering ore shipped under date 8-28 / 9-15-54 by Uranium Development Corporation to Vanadium Corporation of America.

Also enclosed is Vanadium Corporation of America's check, No. 5991, in the amount of $69.14 in payment of royalty on this shipment.

W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

VANADIUM CORPORATION OF AMERICA

SETTLEMENT SHEET

DATE [redacted], 195 C-1

OWNER [redacted]

LEASE [redacted]

TYPE OF ORE [redacted]

Devel. Allow	Value Total	Accts. Rec.	Balance
202.57	1341.63		
	41.07		
	1382.70		1382.70

SEP 24 1954
BUREAU OF MINES
Denver, Colorado

CHECK NO. $

CHECK NO. $ [redacted]

CHECK NO. $ [redacted]

CHECK NO. $ [redacted]

CHECK NO. $ [redacted]

CHECK NO. $

I hereby certify that ... Mine, and that I have authority from its owner to remove and sell the same, that ... and unencumbered by any lien or attachments and receipt of payment ... is hereby acknowledged.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Defense Minerals Administration
RECEIVED
SEP 23 1954

224 New Customhouse
Denver 2, Colorado

September 20, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5653 by Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check in the amount of $197.23 in payment of royalty on this shipment.

W. H. King

W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, May 26, 19 54
Liquidation No. 5653 — Lot No. See detail sheet — Shippers Lot No.
Bought of Uranium Development Corp — A.E.C. License No. P-1044
Address c/o Mrs. Jean Cortright 2045 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 5-1-54 thru 5-15-54
Mining Claim Rattle Snake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
	256660	4.8	244387.52	(approx average) 0.26	1.59		643.88	3892.27	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	643.88	3.50	122.19	18.44	2253.58	
Development Allowance	643.88	.50	122.19	2.63	321.94	
Excess 4 lbs. per ton Premium	155.12	.75	122.19	.95	116.34	
Excess 10 lbs. per ton Premium						
Total U308 Payment						2691.86
V205 Payment	3892.27	.31	122.19	9.87	1206.60	
Total V205 Payment						1206.60
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 128.33 Wet Tons @ .06 per wet ton mile						46.20
Total U3O8, V2O5 and Haulage Payment						3944.66

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Exp.
RECEIVED
SEP 23 1954

224 New Customhouse
Denver 2, Colorado

September 20, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - The Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 1433 by The Uranium Development Corporation to Climax Uranium Company.

Also enclosed is check in the amount of $30.16 in payment of royalty on this shipment.

W. H. King

W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

CLIMAX URANIUM COMPANY
GRAND JUNCTION, COLO.

Receiving Station CLIMAX URANIUM COMPANY — Grand Junction, Colorado, September 15, 1954
Liquidation No. 1433 — Lot No. — Shippers Lot No.
Bought of The Uranium Development Corporation — A.E.C. License No. P-1044
Address c/o Mrs. Jean Cortvriendt, Secretary, 2015 South Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 6/12/54 thru 8/31/54
Mining Claim Rattlesnake — Mining District Eagle Basin — Pile No.

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
5-3704	21,720	3.5	20,960	0.16	1.20	1.89	33.54	251.52	396.14
5-4315	21,400	5.0	20,330	0.23	1.44	2.45	46.76	292.75	498.09
Total	43,120	4.2	41,290	0.194478	1.318164	2.17	80.30	544.27	894.23

	Per Lb.	Per Ton	Short Tons	Total Value
U_3O_8				
0.194478% = 80.30 lbs. at	$3.30	$12.83	20.65	$264.99
Development allowance 80.30 lbs. at	.50	1.94	20.65	40.15
Total U_3O_8 Payment				$305.14
Haulage allowance $6.00 per wet ton				129.36
V_2O_5				
1.318164% = 544.27 lbs. at	.31	8.17	20.65	168.72
Total Gross Price				$603.22
Deductions:				
1. Royalty - Treasurer of the United States 5% of $603.22				30.16
Net Proceeds				$573.06

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, for sums due to me on account of the ore delivered as described herein.

Buyer's assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

Seller or Agent.

CU-1785M-2-54 W&Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

September 13, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed are settlement sheets covering ore shipped under Liquidation Numbers 5826 and 5827 by Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check in the amount of $180.64 in payment of royalty on these shipments.

Liquidation No. 5826	$105.57
Liquidation No. 5827	75.07
	$180.64

John F. Shaw
For W. H. King

Enclosures

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Traver w/enc. settlement sheets
Chron.

2

UNITED STATES VANADIUM COMPANY
Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
SEP 17 1954

ORE SETTLEMENT

Receiving Station Uravan, Colorado Grand Junction, Colorado, September 3, 1954
Liquidation No. 5826 Lot No. See Load Detail Shippers Lot No.
Bought of Thousand Development Corporation A.E.C. License No. P-1044
Address C/o Mrs. Jean Costenoindt, 2015 So. Broadway, Denver, Colorado
Type of Ore Carnotite Date Received 8-16-54 thru 8-31-54
Mining Claim Rattlesnake Mining District Uravan Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Agency Averages					
	144740	4.2	138686.36	0.24	1.61		336.93	2235.09	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	336.93	3.50	69.34	17.01	1179.26	
Development Allowance	336.93	.50	69.34	2.43	168.47	
Excess 4 lbs. per ton Premium	59.57	.75	69.34	.64	44.68	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1392.41
V205 Payment	2235.09	.31	69.34	9.99	692.88	
Total V205 Payment						692.88
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 72.37 Wet Tons @ .06 per wet ton mile						26.05
Total U3O8, V2O5 and Haulage Payment						2111.34

Bureau Minerals Administration
RECEIVED
SEP 17 1954

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado Uravan ~~Grand Junction~~, Colorado, September 3, 1954
Liquidation No. 5827 Lot No. See Load Detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. P-1044
Address C/O Mrs. Jean Costenvendt, 2015 So. Broadway, Denver Colorado
Type of Ore Carnotite Date Received 8-14-54 Thru 8-31-54
Mining Claim Good Hope Mining District Uravan - Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx. Average					
	86580	4.6	82567.46	0.27	2.20		220.34	1816.42	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	220.34	3.50	41.28	18.68	771.19	
Development Allowance	220.34	.50	41.28	2.67	110.17	
Excess 4 lbs. per ton Premium	55.22	.75	41.28	1.00	41.42	
Excess 10 lbs. per ton Premium						
Total U308 Payment						922.78
V205 Payment	1816.42	.31	41.28	13.64	563.09	
Total V205 Payment						563.09
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 43.29 Wet Tons @ .06 per wet ton mile						15.58
Total U3O8, V2O5 and Haulage Payment						1501.45

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

August 30, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5793 by Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check in the amount of $24.25 in payment of royalty on this shipment.

W. H. King

W. H. King

Enclosures

es

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP - 3 1954

ORE SETTLEMENT

Receiving Station Uravan Colorado ~~Grand Junction~~ Uravan, Colorado, Aug. 19, 1954
Liquidation No. 5793 Lot No. See detail sheet Shippers Lot No.
Bought of Uranium Development Corporation A.E.C. License No. P-1044
Address C/O Mrs. Jean Cortriendt, 2015 South Broadway, Denver Colorado
Type of Ore Carnotite Date Received 8-1-54 thru 8-15-34
Mining Claim Rattlesnake Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	41840	3.9	40188.32	approx. 0.19	average 1.45		78.15	581.90	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	78.15	3.30	20.09	12.84	257.90	
Development Allowance	78.15	.50	20.09	1.95	39.08	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						296.98
V205 Payment	581.90	.31	20.09	8.98	180.39	
Total V205 Payment						180.39
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 20.92 Wet Tons @ .06 per wet ton mile						7.53
Total U3O8, V2O5 and Haulage Payment						484.90

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

August 13, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation
Docket 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped during July 16 through July 27, 1954 by Uranium Development Corporation to Vanadium Corporation of America.

Also enclosed is check in the amount of $68.39 in payment of royalty due on this settlement sheet.

W. H. King

W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

7-36 / 7-37-54 WC, 195

Development Corp.

Moonshine

PE OF ORE Carnotite C.I.

rel. ow.	Value Total	Accts. Rec.	Balance

08.27 1343.99

23.80

1367.79 1367.79

C O P Y

c/o Mrs. Jean Crotvriendt,

r 10, Colorado

Defense Minerals Admin.

Colorado

and Hauling)

authority from its owner to remove and

Vendo

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

August 13, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation
Docket No. 2618, Contract No. E452, Colorado

Enclosed are settlement sheets covering ore shipped under Liquidation Nos. 5783 and 5784 by Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check in the amount of $199.87 in payment of royalty on these shipments.

W. H. King

W. H. King

Enclosure

mn

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, August 6, 1954
Liquidation No. 5784 — Lot No. See detail Sheet — Shippers Lot No. 8
Bought of Uranium Development Corp — A.E.C. License No. P-1044
Address c/o Mrs. Jean Cortvriendt, 2045 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received
Mining Claim Rattlesnake #2 — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx	Averages				
	95240	4.3	91161.52	0.36	2.24		326.22	2039.55	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	326.22	3.50	45.58	25.05	1141.77	
Development Allowance	326.22	.50	45.58	3.58	163.11	
Excess 4 lbs. per ton Premium	143.90	.75	45.58	2.37	107.93	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1412.81
V205 Payment	2039.55	.31	45.58	13.87	632.26	
Total V205 Payment						632.26
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 47.62 Wet Tons @ 1.25 per wet ton						59.53
Total U3O8, V2O5 and Haulage Payment						2104.60

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UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado ~~Grand Junction~~ Uravan Colorado, August 6, 1954
Liquidation No. 5783 Lot No. See detail Sheet Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No. R-1044.
Address 40 Mr. Jean Cortvriendt, 2045 So. Broadway, Denver, Colorado
Type of Ore Carnotite Date Received 7-16-54 thru 7-31-54
Mining Claim Rattlesnake Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx. Averages					
	74700.	4.6	71265.02	0.42	2.42		297.42	1727.88	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	297.42	3.50	35.63	29.22	1040.97	
Development Allowance	297.42	.50	35.63	4.17	148.71	
Excess 4 lbs. per ton Premium	154.90	.75	35.63	3.26	116.18	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1305.86
V205 Payment	1727.88	.31	35.63	15.03	535.64	
Total V205 Payment						535.64
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 37.35 Wet Tons @ 1.375 per wet ton ~~mile~~						51.36
Total U3O8, V2O5 and Haulage Payment						1892.86

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 27, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5754 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $155.10 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File $452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Grand Junction, Colorado, July 23, 1954
Liquidation No.: 5754 — Lot No.: See Detail Sheet — Shippers Lot No.:
Bought of: Uranium Development Corporation — A.E.C. License No.: P-1044
Address: c/o Mrs. Jean Cartwriendt, 2045 So. Broadway, Denver, Colorado
Type of Ore: Carnotite — Date Received: 7-1-54 thru 7-15-54
Mining Claim: Rattlesnake #1 — Mining District: Uravan - Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				Approx. Averages					
	1269.40	4.8	120803.00	0.41	2.27		494.19	2736.90	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	494.19	3.50	60.40	28.64	1729.67	
Development Allowance	494.19	.50	60.40	4.09	247.10	
Excess 4 lbs. per ton Premium	252.59	.75	60.40	3.14	189.44	
Excess 10 lbs. per ton Premium						
Total U308 Payment						2166.21
V205 Payment	2736.90	.31	60.40	14.05	848.44	
Total V205 Payment						848.44
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 63.47 Wet Tons @ 1.375 per wet ton ~~mile~~						87.27
Total U3O8, V2O5 and Haulage Payment						3101.92

224 New Customhouse
Denver 2, Colorado

July 23, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped from 6-28/7-15-54 by Uranium Development Corporation to the Vanadium Corporation of America.

Also enclosed is check in the amount of $70.91 in payment of royalty on this settlement sheet.

W. H. King

Enclosures

es

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

orm No. VW51--C1

HEET NO. LICENSE NO.

HIPPED BY

ADDRESS

EASED TO

ADDRESS

Lot No.	Gross

CHECK NO.

CHECK NO.

CHECK NO.

CHECK NO.

CHECK NO.

CHECK NO.

I h

sell

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5736 by the Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $76.72 in payment of royalty on this shipment.

W H King
W. H. King

Enclosures

es

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado, Grand Junction, Colorado,
Liquidation No. 5736 Lot No. See load detail Shippers Lot No.
Bought of Uranium Development Corp. A.E.C. License No.
Address c/o Rio Grande Trucking Co., 2045 So. Broadway, Denver
Type of Ore Carnotite Date Received 6
Mining Claim Rattlesnake, Rattlesnake #2 Mining District Uravan - Eagle Basin

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	U_3O_8
				approx. overall assay			
	127860	4.5	122090.12	2.19	1.61		237.81

PRICED PER A.E.C. CIRCULAR NO

	POUNDS	PER LB.	DRY SHORT TONS	PER TON
U308 Payment	237.81	3.30	61.05	12.85
Development Allowance	237.81	.50	61.05	1.95
Excess 4 lbs. per ton Premium				
Excess 10 lbs. per ton Premium				
Total U308 Payment				
V205 Payment	1960.08	.31	61.05	9.95
Total V205 Payment				
Less High Line Penalty over 6% CaCo3				
Base Penalty				
___% — ___% = ___% Penalty @ $ .04 per 1/10th				
TOTAL				
Haulage Allowance 6 Miles 63.93 Wet Tons @ .06 per wet ton mile				
Total U3O8, V2O5 and Haulage Payment				

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore describ have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Car

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corpora delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U303, V2O5 and Haulage Payment" shown above constitutes the entire amount deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U3O8 contents and of V2 delivered and covered by this settlement.

Voucher Number 7-89 Date 7-6-54
Check Number 30290 Date 7-6-54
Approved for Payment [signature]

Seli

6-51-1500 SENTINEL PRINTERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed are settlement sheets covering Liquidation Nos. Amended 1270 and 1302.

Also enclosed is check in the amount of $52.13 in payment of royalty on these shipments as follows:

Liq. No. Amended 1270	$16.20
1302	35.93
	$52.13

W. H. King

Enclosures

es

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Traver w/enc. settlement sheets
Chron.

CLIMAX URANIUM COMPANY
GRAND JUNCTION, COLO.

Receiving Station: Climax Uranium Company — Grand Junction, Colorado, July 2, 1954
Liquidation No.: Amended 1270 — Lot No.: — Shippers Lot No.:
Bought of: Uranium Development Corp. — A.E.C. License No.: P-1044
Address: c/o Mrs. Jean Cortvriendt, Secy., 2015 South Broadway, Denver, Colorado
Type of Ore: Carnotite — Date Received: 5/16/54 thru 5/31/54
Mining Claim: Rattlesnake #2 — Mining District: Vixen — Pile No.:

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
5-3596	19,230	4.2	18,422	0.24	1.47	1.40	44.21	270.80	257.91

U_3O_8	Per Lb.	Per Ton	Short Tons	Total Value
0.24% = 44.21 lbs. at	$3.50	$16.80	9.21	$154.74
Development allowance 44.21 lbs. at	.50	2.40	9.21	22.11
Premium in excess of 4# per ton Total lbs. U_3O_8 44.21 Less: 9.21 tons @ 4# 36.84 PREMIUM LBS. 7.37 at	.75	.60	9.21	5.53
Total U_3O_8 Payment				$182.38
Haulage allowance $6.00 per wet ton				57.69
V_2O_5				
1.47% = 270.80 lbs. at	.31	9.12	9.21	83.95
Total Gross Price				$324.02
Deductions: 1. Royalty - Treasurer of the U.S. - 5% of $324.02				16.20
Net Proceeds				$307.82

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, for sums due to me on account of the ore deliveries described herein.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

Seller or Agent.

CU-178 5M-7-53 W&Y

CLIMAX URANIUM COMPANY
GRAND JUNCTION, COLO.

Receiving Station Climax Uranium Company — Grand Junction, Colorado, June 18, 1954, 19

Liquidation No. 1302 — Lot No. — Shippers Lot No.

Bought of Uranium Development Corp., Mrs. Jean Cortvriendt, Sec. — A.E.C. License No. 1044

Address 2015 South Broadway, Denver, Colorado

Type of Ore Carnotite — Date Received 6/1/54 thru 6/15/54

Mining Claim Rattlesnake #2 — Mining District Eagle Basin — Pile No.

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
5-3707	19,190	3.8	18,461	0.26	1.66	1.14	48.00	306.45	210.46
5-3717	19,380	2.7	18,857	0.26	1.76	1.14	49.03	331.88	214.97
Total	38,570	3.2	37,318	0.260009	1.710515	1.14	97.03	638.33	425.43

U_3O_8	Per lb.	Per Ton	Short Tons	Total Value
0.260009% = 97.03 lbs. at	$3.50	$18.20	18.66	$ 339.61
Development Allowance 97.03 lbs. at	.50	2.60	18.66	48.52
Premium in excess of 4# per ton				
Total lbs. U_3O_8 97.03				
Less: 18.66 Tons @4# 74.64				
PREMIUM LBS. 22.39 at	.75	0.90	18.66	16.79
Total U_3O_8 Payment				$404.92
Haulage allowance $6.00 per wet ton				115.71
V_2O_5				
1.710515% = 638.33 lbs. at	.31	10.60	18.66	197.88
Total Gross Price				$718.51
Deductions:				
1. Royalty Treasurer of the U. S. 5% of $718.51				$ 35.93
Net Proceeds				$ 682.58

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, for sums due to me on account of the ore deliveries described herein.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

Seller or Agent.

CU-178 5M-7-53 W&Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No.E452, Colorado

Enclosed is settlement sheet covering ore shipped during the period of 4-28/6-27-54 by the Uranium Development Corporation to the Vanadium Corporation of America.

Also enclosed is check in the amount of $208.56 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File E452
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

Form No. VW51—C1

VANADIUM CORPORATION OF AMERICA

SHEET NO. 1 LICENSE NO. [illegible]

SHIPPED BY [illegible]

ADDRESS [illegible]

LEASED TO

ADDRESS

Lot No.	Gross Wt.	% H_2O	Net Wt.
10[illegible]19	27[illegible]60	5.7	[illegible]
10[illegible]26	2[illegible]010	[illegible]	[illegible]
10[illegible]7	[illegible]	[illegible]	[illegible]
10[illegible]33	[illegible]	[illegible]	[illegible]
10[illegible]99	21[illegible]	[illegible]	[illegible]
10[illegible]6	1[illegible]70	4.6	[illegible]
10[illegible]7	[illegible]	[illegible]	[illegible]
35[illegible]	20770	[illegible]	[illegible]
3[illegible]60	1[illegible]030	[illegible]	[illegible]
1[illegible]61	1[illegible]	[illegible]	[illegible]
[illegible]62	2[illegible]	[illegible]	[illegible]
1[illegible]	1[illegible]	[illegible]	[illegible]
	2[illegible]		[illegible]
	Pounds 2[illegible]		[illegible]

Tons [illegible]

CHECK NO. [illegible]

CHECK NO.

CHECK NO. [illegible]

CHECK NO.

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CHECK NO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

June 25, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. DMEA 2016, Contract No. 8452, Colorado

Enclosed is settlement sheet covering royalty shipped under Liquidation No. 1271 by Uranium Development Corporation to the Climax Uranium Company.

Also enclosed is check in the amount of $38.11 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

W. O.

CLIMAX URANIUM COMPANY
GRAND JUNCTION, CO[illegible]

Receiving Station [illegible] Grand Junction, Colorado, June 8, 19[illegible]
Liquidation No. [illegible] Lot No. Shippers Lot No.
Bought of [illegible] A.E.C. License No. [illegible]
Address [illegible]
Type of Ore Carnotite Date Received [illegible]
Mining Claim [illegible] Mining District [illegible] Pile No.

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
S-3517	17,000	2.6	16,592	0.17	1.30	1.36	28.21	215.70	225.65
S-3531	18,000	5.6	17,039	0.47	2.39	1.36	80.08	407.22	231.73
	35,000	4.0	33,631	0.3[illegible]1995	1.85[illegible]49	1.36	108.29	622.93	457.38

	Per Unit	Per Ton	Short Tons	Total Value
0.3[illegible]1995 = [illegible] lbs. at	$ 3.50	$ 22.[illegible]	$ 15.82	$ 379.0[illegible]
Development allowance on [illegible]	.50	3.[illegible]	16.[illegible]	54.15
Freight in excess of [illegible] per ton				
Total lbs. [illegible]	[illegible]			
[illegible]	[illegible]			
[illegible]	41.01	.75	1.[illegible]	30.76
Total [illegible] payment				$ 463.93
Haul [illegible] allowance [illegible] per net ton				105.15
[illegible]				
1.85[illegible] = [illegible]	.31	11.48	1[illegible]	171.11
Total [illegible] price				$ 7[illegible].19
Deductions:				
1. Royalty Treasurer [illegible] 5% of 7[illegible]				38.11
Net [illegible]				$ 7[illegible]

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, for sums due to me on account of the ore deliveries described herein.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

Seller or Agent.

CU-178 5M-2-54 W&Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No.2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5623 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $166.67 in payment of royalty on this shipment.

John F. Shaw
For W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, May 6, 1954
Liquidation No. 5623 — Lot No. see load detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. 8-1044
Address c/o Mrs. Jean Cortwrightt, 2045 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 4-16-54 thru 4-30-54
Mining Claim Rattlesnake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
				approx average					
	203160	5.0	192908.28	0.28	1.63		549.28	3152.22	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	549.28	3.50	96.45	19.93	1922.48	
Development Allowance	549.28	.50	96.45	2.85	274.64	
Excess 4 lbs. per ton Premium	163.48	.75	96.45	1.27	122.61	
Excess 10 lbs. per ton Premium						
Total U308 Payment						2319.73
V205 Payment	3152.22	.31	96.45	10.13	977.19	
Total V205 Payment						977.19
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 101.58 Wet Tons @ .06 per wet ton mile						36.57
Total U3O8, V2O5 and Haulage Payment						3333.49

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is settlement sheet covering ore shipped under Liquidation No. 5618 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $72.00 covering royalty on this shipment.

John F. Shaw
John F. Shaw
For A. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 14 1954

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, April 26, 1954
Liquidation No. 5618 — Lot No. See Detail Sheet — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address C/O Mrs. Jean Cartoriendt, 2045 South Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 4-1-54 thru 4-15-54
Mining Claim Rattlesnake — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				Approx. Averages					
	38580	5.0	36653.50	0.62	3.24		228.98	1189.04	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	228.98	350	18.33	43.72	801.43	
Development Allowance	228.98	.50	18.33	6.25	114.49	
Excess 4 lbs. per ton Premium	155.66	.75	18.33	6.37	116.75	
Excess 10 lbs. per ton Premium	45.68	.25	18.33	.62	11.42	
Total U308 Payment						1044.09
V205 Payment	1189.04	.31	18.33	20.11	368.60	
Total V205 Payment						368.60
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 6 Miles 19.29 Wet Tons @ 1.50 per wet ton						28.94
Total U3O8, V2O5 and Haulage Payment						1441.63

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 15, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No. 2618, Contract E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 5509 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $521.08 in payment of royalty on this shipment.

John F. Shaw
For W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

200

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, April 6, 1954
Liquidation No. 5569 — Lot No. See Detail Sheet — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address C/O Mrs. Jean Carloriendt, 201-5 So. Broadway, Denver, Colorado
Type of Ore Carnotite — Date Received 3-16-54 thru 3-31-54
Mining Claim Rattle Snake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	172160	6.9	160344.98	1.11	3.77		1777.33	6040.34	

Approx. Average

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	1777.33	3.50	80.17	77.59	6220.66	
Development Allowance	1777.33	.50	80.17	11.08	888.67	
Excess 4 lbs. per ton Premium	1456.65	.75	80.17	13.63	1092.49	
Excess 10 lbs. per ton Premium	975.63	.25	80.17	3.04	243.91	
Total U308 Payment						8445.73
V205 Payment	6040.34	.31	80.17	23.36	1872.51	
Total V205 Payment						1872.51
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 5 Miles 86.08 Wet Tons @ 1.20 per wet ton						103.30
Total U3O8, V2O5 and Haulage Payment						10421.54

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 7, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No. DMEA 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet dated 3-16/3-27-54 covering ore shipped by the Uranium Development Corporation to the Vanadium Corporation of America.

Also enclosed is check in the amount of $31.76 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 1, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Docket No. 2618, Contract No. E452, Uranium Development Corporation, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Sheet No. 1 by Uranium Development Corporation to the Vanadium Corporation of America dated 2-28/3-15-54.

Also enclosed is check in the amount of $99.74 in payment of royalty on this shipment.

John F. Shaw
John F. Shaw
For W. H. King

Enclosures

es

cc: Royalty File
Sejc. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

Form No. V[illegible]

VANADIUM CORPORATION OF AMERICA
SETTLEMENT SHEET

DATE [redacted], 195[illegible]

SHEET NO. 1 LICENSE NO.

SHIPPED BY [redacted]

MINE OWNER [redacted]

ADDRESS [redacted]

NAME OF MINE OR LEASE [redacted]

LEASED TO [redacted]

LEASED FROM

ADDRESS

ADDRESS

TYPE OF ORE [redacted]

Lot No.	Gross Wt.	% H_2O	Net Weight	% $CaCO_3$	% V_2O_5	Lbs. V_2O_5	Per Lb. V_2O_5	Value V_2O_5	% U_3O_8	Lbs. U_3O_8	Per Lb. U_3O_8	Value U_3O_8	Devel. Allow.	Value Total	Accts. Rec.	Balance
[redacted]																
[redacted]																
[redacted]																
[redacted]					2.50	1557	[redacted]	[redacted]	.53	[redacted]	3.50	1158.88				
	Premium [redacted] tons x 4 lbs. = 124.90						331.09 - 124.90			[redacted]	.75	154.64				
	Premium [redacted] tons x 10 lbs. = 312.26						331.09 - 312.26			[redacted]	.25	[redacted]				
												[redacted]	165.55	1987.02		
														[redacted]		
	Hauling [redacted] tons x 14 miles = 453.54 ton miles @ .064													1894.82		1894.82

5% of $1894.82 = $94.74 Gov Royalty

CHECK NO. [redacted] [redacted] $ [redacted] 1895.08 TO: [redacted]

CHECK NO. $ [redacted]

CHECK NO. [redacted] [redacted] $ 99.74 TO: [redacted]

CHECK NO. $ [redacted]

CHECK NO. $ [redacted]

CHECK NO. $

I hereby certify that the ore described above and sold is from the [redacted] Mine, and that I have authority from its owner to remove and sell the same, that said ore is not encumbered by any liens or attachments and receipt of payment in full is hereby acknowledged.

Vendor

By

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

April 1, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Docket No. 2618, Contract No. E452, Uranium Development Corporation, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 5535 by Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $150.27 in payment of royalty on this shipment.

Enclosed too is check in the amount of $29.88 in payment for the balance due on royalty payment of 5% on the following:

U.S. Vanadium Co.	$ 2.14-Settlement sheet 1/27/54
Vanadium Corp. of America	19.43-Lot No. 5496
Climax Uranium Co.	8.31-Lot No. 1071

John F. Shaw
For W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm.(2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, March 24, 19 54
Liquidation No. 5535 — Lot No. See load detail — Shipper's Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address c/o Mrs. Jean Gartrieldt 2015 South Broadway, Denver 10, Colorado
Type of Ore Carnotite — Date Received 3-1-54 thru 3-15-54
Mining Claim Rattle Snake — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
				(approx. averages)					
	73540	5.8	69248.56	0.72	3.04		499.84	2104.54	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	499.84	3.50	34.62	50.53	1749.44	
Development Allowance	499.84	.50	34.62	7.22	249.92	
Excess 4 lbs. per ton Premium	361.36	.75	34.62	7.83	271.02	
Excess 10 lbs. per ton Premium	153.64	.25	34.62	1.11	38.41	
Total U308 Payment						2308.79
V205 Payment	2104.54	.31	34.62	18.84	652.41	
Total V205 Payment						652.41
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 5 Miles 36.77 Wet Tons @ 1.20 per wet ton						44.12
Total U3O8, V2O5 and Haulage Payment						3005.32

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 24 1954

224 New Customhouse
Denver 2, Colorado

March 22, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No. DMEA 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 1071 by Uranium Development Corporation to Climax Uranium Company.

Also enclosed is check in the amount of $24.67 in payment of royalty on this shipment.

John F. Shaw
for W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

CLIMAX URANIUM COMPANY
GRAND JUNCTION, COLO.

Receiving Station [illegible] Grand Junction, Colorado, March 10, 1954
Liquidation No. [illegible] Lot No. Shippers Lot No.
Bought of [illegible] A.E.C. License No. [illegible]
Address [illegible]
Type of Ore [illegible] Date Received 2/1/54 - 2/13/54
Mining Claim [illegible] Mining District [illegible] Pile No.

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$		CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	
[illegible]	19,000	5.4	18,7[illegible]	0.50	2.10	1.53		93.94	394.55	287.46	

	Per Lb.	Per Ton	Short Tons	Total Value
U_3O_8				
0.50% = 93.94 lbs. at	$3.50	$35.01	9.39	$328.79 ✓
Development allowance 93.94 lbs. at	.50	5.00	9.39	46.97 ✓
Premium in excess of .4# per ton				
Total lbs. U_3O_8 93.94				
Less: 9.39 tons @ .4# 3.76				
Premium lbs. 90.18 at	.75	4.50	9.39	42.22 ✓
Total U_3O_8 payment				$418.05
Haulage allowance 12.00 per wet ton				119.16 ✓
V_2O_5				
2.10% = 394.55 lbs. at	.31	13.03	9.39	122.31 ✓
Total Gross Price				$659.52
Deductions:				
1. Royalty: Treasurer of the U. S. - 5% of $493.39				24.67
Net Proceeds				$634.85

2

Royalty due: $2.98

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to Climax Uranium Company.

I hereby transfer to Climax Uranium Company, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, for sums due to me on account of the ore deliveries described herein.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

Seller or Agent.

CU-178 5M-7-53 W&Y

E 452

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corp., Docket No. 2618
Contract No. E452, Colorado

Attached is copy of settlement sheet covering ore shipped under Liquidation No. 5526 by the Uranium Development Corporation to the United States Vanadium Company.

Also enclosed is check in the amount of $179.43 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, March 6, 1954
Liquidation No. 5526 — Lot No. See detail sheet — Shippers Lot No.
Bought of Uranium Development Corporation — A.E.C. License No. P-1044
Address c/o Mrs. Jean Cortwriendt, 2015 South Broadway, Denver 10, Colorado
Type of Ore Carnotite — Date Received 2-16-54 thru 2-28-54
Mining Claim Rattle Snake — Mining District Uravan-Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	131660	5.7	124173.72	Approx. 0.49	Average 2.11		608.31	2622.41	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	608.31	3.50	62.09	34.29	2129.09	
Development Allowance	608.31	.50	62.09	4.90	304.16	
Excess 4 lbs. per ton Premium	359.95	.75	62.09	4.35	269.96	
Excess 10 lbs. per ton Premium						
Total U308 Payment						2703.21
V205 Payment	2622.41	.31	62.09	13.09	812.95	
Total V205 Payment						812.95
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 5 Miles 65.83 Wet Tons @ 1.10 per wet ton						72.41
Total U3O8, V2O5 and Haulage Payment						3588.57

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 9, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. DMEA 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet No. 1 covering ore shipped by the Uranium Development Corporation to the Vanadium Corporation of America.

Also enclosed is check in the amount of $103.22 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

Form No. VW51—C1

VANADIUM CORPORATION OF AMERICA
SETTLEMENT SHEET

SHEET NO. 1 LICENSE NO. [redacted] DATE [redacted] 195

SHIPPED BY [redacted] MINE OWNER [redacted]

ADDRESS [redacted] NAME OF MINE OR LEASE [redacted]

LEASED TO _____ LEASED FROM _____

ADDRESS _____ ADDRESS _____ TYPE OF ORE [redacted]

Lot No.	Gross Wt.	% H_2O	Net Weight	% $CaCo_3$	% V_2O_5	Lbs. V_2O_5	Per Lb. V_2O_5	Value V_2O_5	% U_3O_8	Lbs. U_3O_8	Per Lb. U_3O_8	Value U_3O_8	Devel. Allow.	Value Total	Accts. Rec.	Balance
[redacted]																

Premium [redacted] tons x [redacted] lbs. = [redacted] [redacted] - [redacted] [redacted] .75 [redacted]

Handling [redacted] tons x [redacted] = [redacted] tons [redacted] .06

Buyers of Vanadium
Denver, Colorado

CHECK NO. [redacted] [redacted] $ [redacted]

CHECK NO. _____ $ _____

CHECK NO. _____ $ _____

CHECK NO. [redacted] [redacted] $ [redacted]

CHECK NO. _____ $ _____

CHECK NO. _____ $ _____

I hereby certify that the ore described above and sold is from the [redacted] Mine, and that I have authority from its owner to remove and sell the same, that said ore is not encumbered by any liens or attachments and receipt of payment in full is hereby acknowledged.

_____
Vendor

By _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 5, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Company, Contract No. E452, Docket No. 2618, Colorado.

Enclosed is copy of settlement sheet No. 1 covering ore shipped from the Rattlesnake claim of the Uranium Development Corporation to the Vanadium Corporation of America.

Also enclosed is check in the amount of $168.42 in payment of royalty on this shipment.

Correct amount $187.85. Difference to be collected directly from Operator

W. H. King

W. H. King

See King's letter of 3-3-54 to Plant Manager, VCA.

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

Form No. VW51—C1

VANADIUM CORPORATION OF AMERICA
SETTLEMENT SHEET

SHEET NO. 1 LICENSE NO. P-1044 DATE 1-1 / 1-27-54, 195

SHIPPED BY Uranium Development Corp. MINE OWNER Uranium Development Corp.

ADDRESS Denver 2, Colo. NAME OF MINE OR LEASE Rattlesnake

LEASED TO Uranium Development Corp. LEASED FROM

ADDRESS Denver 2, Colo. ADDRESS

TYPE OF ORE C-1 Carnotite

Lot No.	Gross Wt.	% H_2O	Net Weight	% $CaCO_3$	% V_2O_5	Lbs. V_2O_5	Per Lb. V_2O_5	Value V_2O_5	% U_3O_8	Lbs. U_3O_8	Per Lb. U_3O_8	Value U_3O_8	Devel. Allow.	Value Total	Accts. Rec.	Balance
17409	21910	4.5	20924	1.05	1.86	389			.51	106.71						
17427	19410	6.0	18245	1.43	1.11	203			.51	93.05						
32563	21350	5.1	20261	.94	1.14	231			.32	64.84						
18068	20620	4.1	19832	2.31	1.07	212			.29	57.51						
18176	21000	5.8	19857	1.82	1.59	316			.50	99.29						
18375	23500	6.2	22043	1.06	3.86	851			.66	145.48						
18558	18990	4.7	18097	.94	2.07	375			.48	86.87						
116920			139259	1.85	2577	.31	798.87	.47	653.75	3.50	2288.13					
Premium 69.6295 tons x 4 lbs. = 278.52								653.75-278.52	375.23	.75	281.42					
											2569.55	326.88	3695.30			
													61.71			
Hauling 73.46 tons x 14 miles = 1028.44 ton miles @ .064													3757.01			3757.01

V_2O_5 — 798.87
U_3O_8 — 2288.13
Premium 281.42
Hauling 61.71
Development 326.88

3757.01 x .05 = 187.85

CHECK NO. 5216 2-10-54 $ 168.42 TO: Defense Minerals Administration, Low Custom House, Denver 2 (5% V_2O_5 & U_3O_8)

CHECK NO. 5237 2-10-54 $ 3588.59 TO: Uranium Development Corp. 620 [illegible] Bldg., Denver 2, Colo.

CHECK NO. $

CHECK NO. $

CHECK NO. $

I hereby certify that the ore described above and sold to from the RATTLESNAKE [illegible] sell the same, that said ore is not extracted by any lease or arrangement, and receipt of payment in full is hereby duly signed.

By

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 3, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject Royalty-Uranium Development Company, Docket No. 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 5496 by Uranium Development Corporation to United States Vanadium Company.

? 20.82

Also enclosed is check in the amount of $18.68 in payment of royalty on this shipment.

W. H. King

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colorado — Grand Junction, Colorado, Feb. 24, 1954
Liquidation No.: 5496 — Lot No.: Sedimentary Shed — Shippers Lot No.:
Bought of: Uranium Development Corp. — A.E.C. License No.: P-1044.
Address: 620 E & C Building, Denver, Colorado
Type of Ore: Carnotite — Date Received: 2-1-54 Rec 2-15-54
Mining Claim: Rattlesnake — Mining District: Uravan-Eagle Basin — Pile No.:

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	44500.	4.2	42609.62	approx. 0.17	average 1.24		72.38	527.80	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	72.38	2.90	21.30	9.85	209.90	
Development Allowance	72.38	.50	21.30	1.70	36.19	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						244.09
V205 Payment	527.80	.31	21.30	7.68	163.62	
Total V205 Payment						163.62
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 5 Miles 22-25 Wet Tons @ .06 per wet ton mile						6.68
Total U3O8, V2O5 and Haulage Payment						416.39

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

March 3, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Docket No. 2618, Contract No. E452, Colorado

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 5464 by Uranium Development Corporation to United States Vanadium Company.

Also enclosed is check in the amount of $77.48 in payment of royalty on this shipment.

W H King
W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. (2) w/enc. settlement sheet
Traver w/enc. settlement sheet
Chron.

2

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
Received
MAR 8 - 1954

ORE SETTLEMENT

Receiving Station Uravan, Colorado Grand Junction, Colorado, February 4, 1954
Liquidation No. 5464 Lot No. See detail sheet Shippers Lot No.
Bought of Uranium Development Corporation A.E.C. License No. P-1044
Address 620 E&C Building, Denver, Colorado
Type of Ore Carnotite Date Received 1-16-54 thru 1-31-54
Mining Claim Rattle Snake Mining District Uravan-Eagle Basin Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
	67340	6.0	63322.50	Approx 0.43	Average 1.63		271.07	1032.11	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	271.07	3.50	31.66	29.97	948.75	
Development Allowance	271.07	.50	31.66	4.28	135.54	
Excess 4 lbs. per ton Premium	144.43	.75	31.66	3.42	108.32	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1192.61
V205 Payment	1032.11	.31	31.66	10.11	319.95	
Total V205 Payment						319.95
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%--___%= ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 5 Miles 33.67 Wet Tons @ 1.10 per wet ton						37.04
Total U3O8, V2O5 and Haulage Payment						1549.60

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

The amount set opposite "Total U308, V2O5 and Haulage Payment" shown above constitutes the entire amount payable to me in respect of ore deliveries described herein and is accepted by me in full payment thereof.

I request that payment be made on the basis of the average of moisture contents, of U3O8 contents and of V2O5 contents of the several loads delivered and covered by this settlement.

Voucher Number 2-84	Date 2-6-54
Check Number 28643	Date 2-6-54
Approved for Payment	

Seller or Agent

6-51—1500 SENTINEL PRINTERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

February 5, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Uranium Development Corporation, Contract E458, Docket No. DMEA 2618, Colorado.

Enclosed is copy of settlement sheet covering Liquidation No. 5458 for ore shipped by Uranium Development Company to the United States Vanadium Company.

Also enclosed is check in the amount of $73.45 in payment of royalty on this shipment.

W. H. King

Enclosures

es

cc: Royalty File
Sec. to the Oper. Comm. w/enc. settlement sheet
Storms
Chron.

UNITED STATES VANADIUM COMPANY
Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, January 25, 1954
Liquidation No. 5458 — Lot No. See load detail — Shippers Lot No.
Bought of Uranium Development Corp. — A.E.C. License No. P-1044
Address 620 E+C Building, Denver, Colorado
Type of Ore Carnotite — Date Received 1-1-54 thru 1-15-54
Mining Claim Rattle Snake — Mining District Uravan - Eagle Basin — Pile No.

Lot No.	Net Weight Pounds	% H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	SETTLEMENT ASSAYS V_2O_5	SETTLEMENT ASSAYS $CaCO_3$	CONTENTS POUNDS U_3O_8	CONTENTS POUNDS V_2O_5	CONTENTS POUNDS $CaCO_3$
			3160236	(approx average)					
	66700	5.2	63204.72	0.41	1.51		259.28	953.05	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	259.28	3.50	31.60	28.72	907.48	
Development Allowance	259.28	.50	31.60	4.10	129.64	
Excess 4 lbs. per ton Premium	132.88	.75	31.60	3.15	99.66	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1136.78
V205 Payment	953.05	.31	31.60	9.35	295.45	
Total V205 Payment						295.45
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance [redacted] 33.35 Wet Tons @ 1.10 per wet ton [redacted]						36.69
Total U3O8, V2O5 and Haulage Payment						1468.92

5% x $1468.92 = $73.45

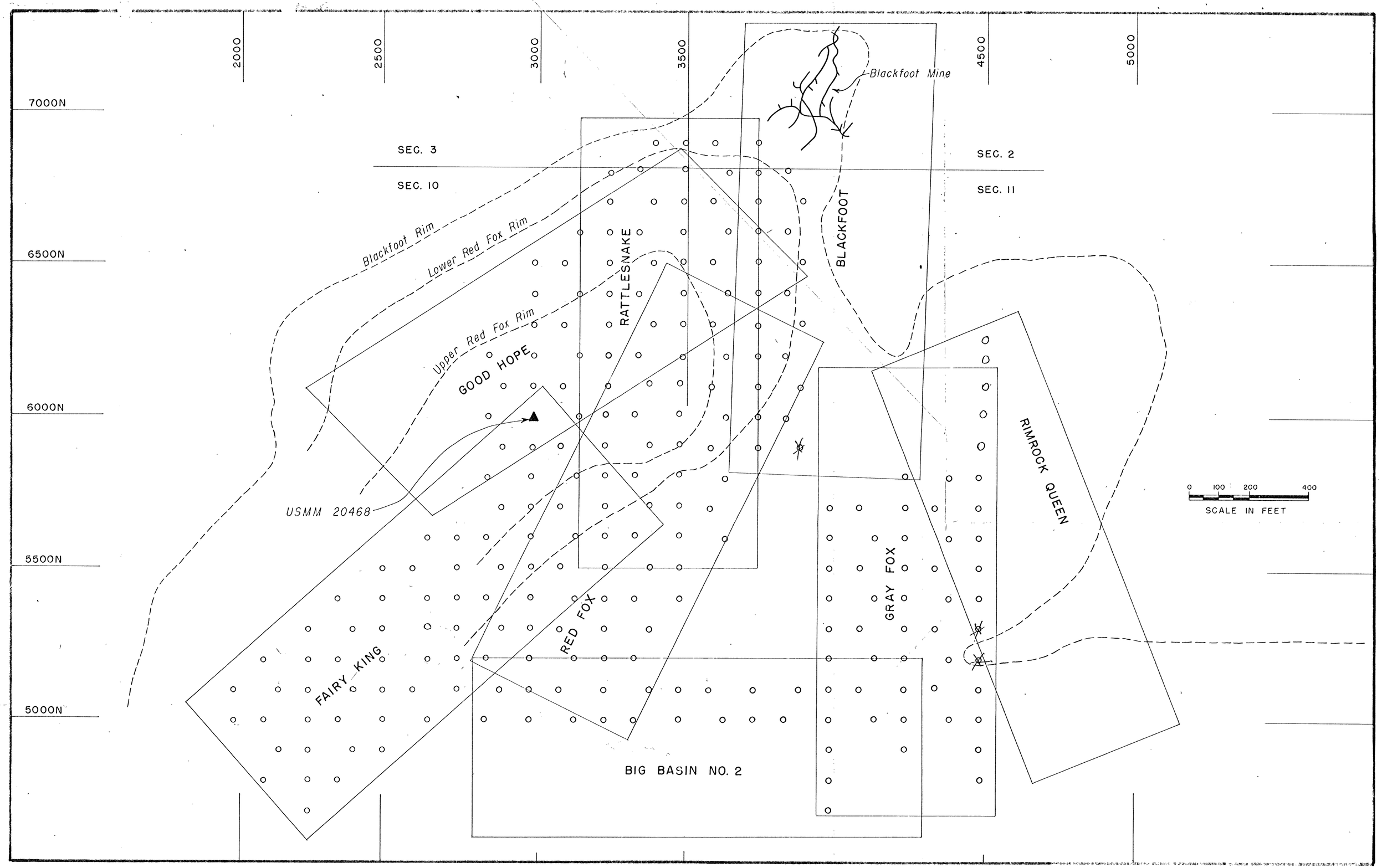


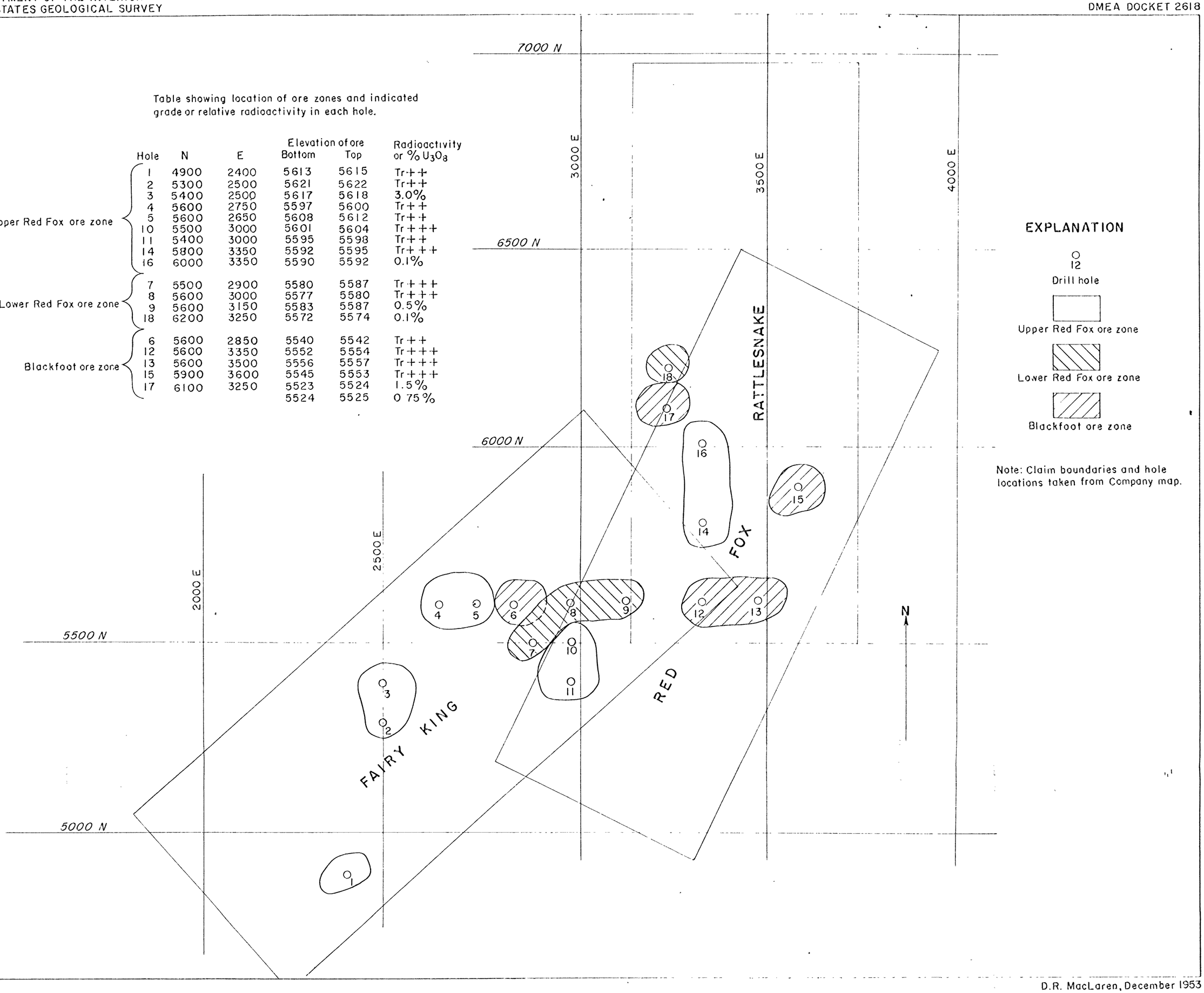
FIGURE 2 - PROPOSED WAGON DRILL HOLES, URANIUM DEVELOPMENT CORPORATION, MONTROSE COUNTY, COLORADO, DMEA 2618

NORTH \ EAST	2000E	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200	3250	3300	3350	3400	3450	3500	3550	3600	3650	3700	3750	3800	3850	3900	3950	4000	4050	4100	4150	4200	4250	4300	4350	4400	4500
7200																																																		
7100																																																		
7000																																																		
6900																													65		67		58			48														
6800																										48		60			74			55		43		35												
6700																										68			75		78		62			39			31										
6600																								74		78		77			76			51		34		28											
6500																					66		75			87			78		72		64			30			30										
6400																					84			90		95		85			70			45		22		38											
6300																					115		108			100			86		77		58			30			35										20
6200																		121			117			110		103		95			83			60		44		48											19
6100																			120		115		112			108			92		81		65			40			40										19
6000																		120			X			107		117		101			77			49		30		20											21
5900																			115		106		107			110			88		72		50			18			x										38
5800																		120			102			100		97		81			58			28		x		x							28			38	55
5700																			106		94		85			73			57		45		29			x			x		40		56			79		69		63
5600														120		120		110			82			70		60		53			42			34		x		x			70			80		87			72	62
5500											119		114			106			89		72		66			58			51		45		x			x			x		77		80			83		73		60
5400								103			100			94		88		76			68			63		60		55			47			x		x		x			70			70		76			53	41
5300						95			94		93		85			74			70		67		68			70			56		x		x			x			x		52		40			21		20		x
5200			105			92		92			90			79		68		67			66			73		79		74			x			x		x		x			32			31		30			18	x
5100	105			92		88			81		87		80			65			66		66		74			83			73		66		61			53			35		23		29			37		27		26
5000	100		92			86		85			84			74				82			90			94		99		85			63			57		52		42			28			34		38			29	40
4900				84		83			84		87																														33					45				28
4800			80			79		83																																	38									33
4700						80																																			44									
4600																																																		
4500																																																		
TOTALS	205		277	176		603		363	265		660		279	367		521		696	566		1310		695	781		1593		766	721		1193		447	379		483		211	171		507		205	215		518		189	210	535

GRAND TOTAL 16,107 ft.

Table showing location of ore zones and indicated grade or relative radioactivity in each hole.

	Hole	N	E	Elevation of ore Bottom	Elevation of ore Top	Radioactivity or % U_3O_8
Upper Red Fox ore zone	1	4900	2400	5613	5615	Tr++
	2	5300	2500	5621	5622	Tr++
	3	5400	2500	5617	5618	3.0%
	4	5600	2750	5597	5600	Tr++
	5	5600	2650	5608	5612	Tr++
	10	5500	3000	5601	5604	Tr+++
	11	5400	3000	5595	5598	Tr++
	14	5800	3350	5592	5595	Tr+++
	16	6000	3350	5590	5592	0.1%
Lower Red Fox ore zone	7	5500	2900	5580	5587	Tr+++
	8	5600	3000	5577	5580	Tr+++
	9	5600	3150	5583	5587	0.5%
	18	6200	3250	5572	5574	0.1%
Blackfoot ore zone	6	5600	2850	5540	5542	Tr++
	12	5600	3350	5552	5554	Tr+++
	13	5600	3500	5556	5557	Tr+++
	15	5900	3600	5545	5553	Tr+++
	17	6100	3250	5523	5524	1.5%
				5524	5525	0.75%



D.R. MacLaren, December 1953

FIGURE 3.-PLAN SHOWING LOCATIONS OF AREAS OF INDICATED ORE DISCOVERD BY WAGON DRILLING, URANIUM DEVELOPMENT CORPORATION, MONTROSE COUNTY, COLORADO

200 0 200

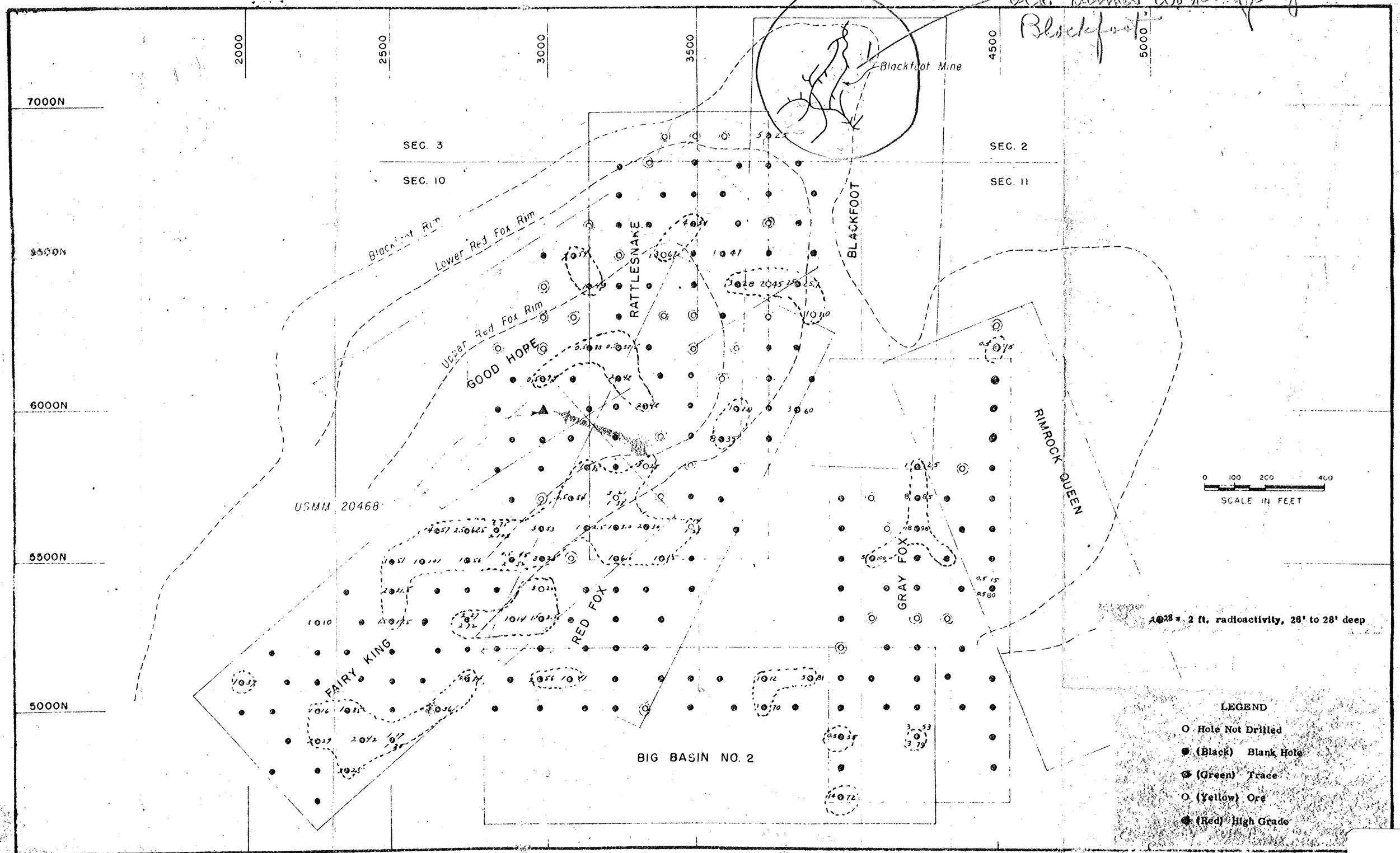


FIGURE 2 - PROPOSED WAGON DRILL HOLES, URANIUM DEVELOPMENT CORPORATION, MONTROSE COUNTY, COLORADO. DMEA 2618

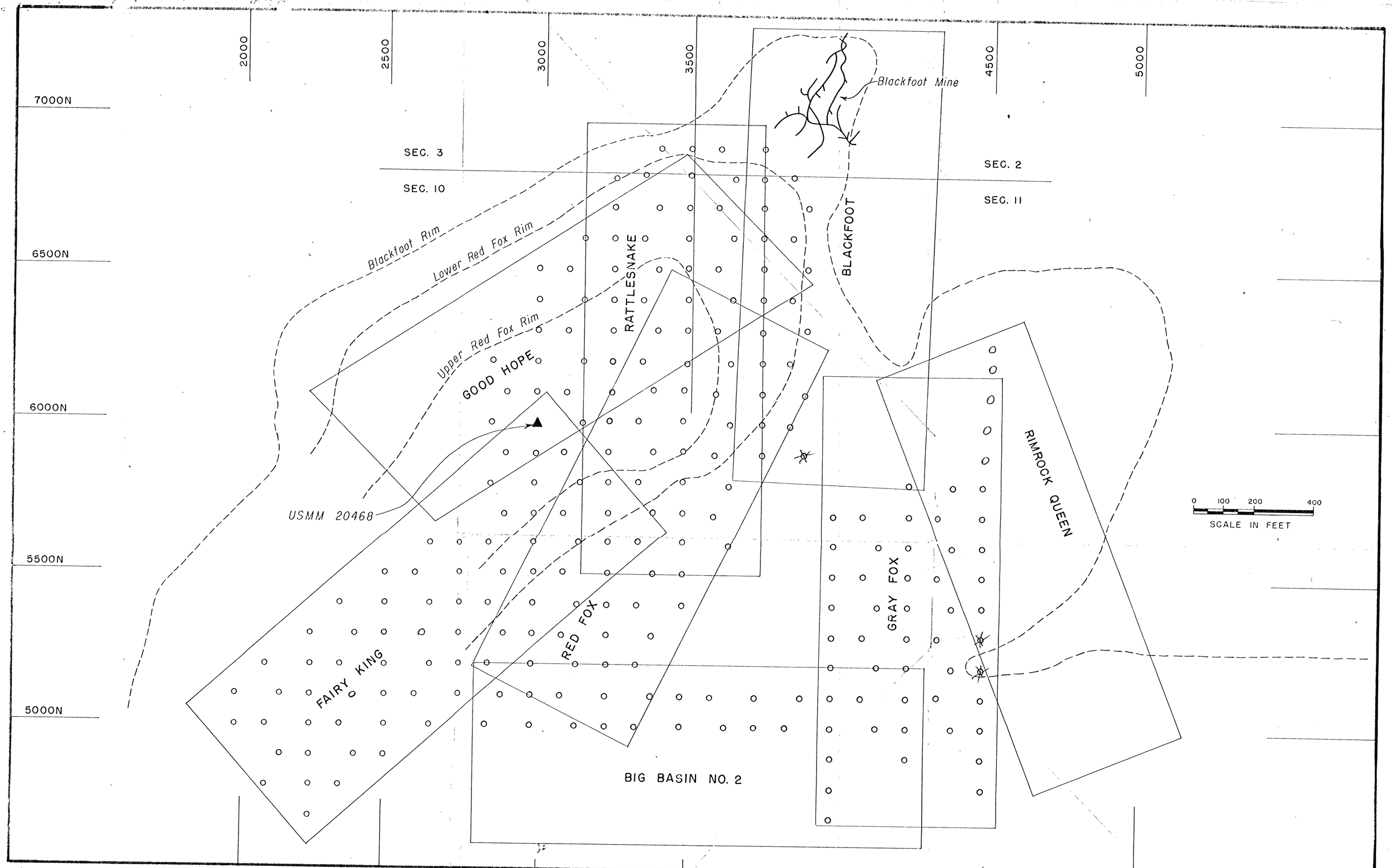
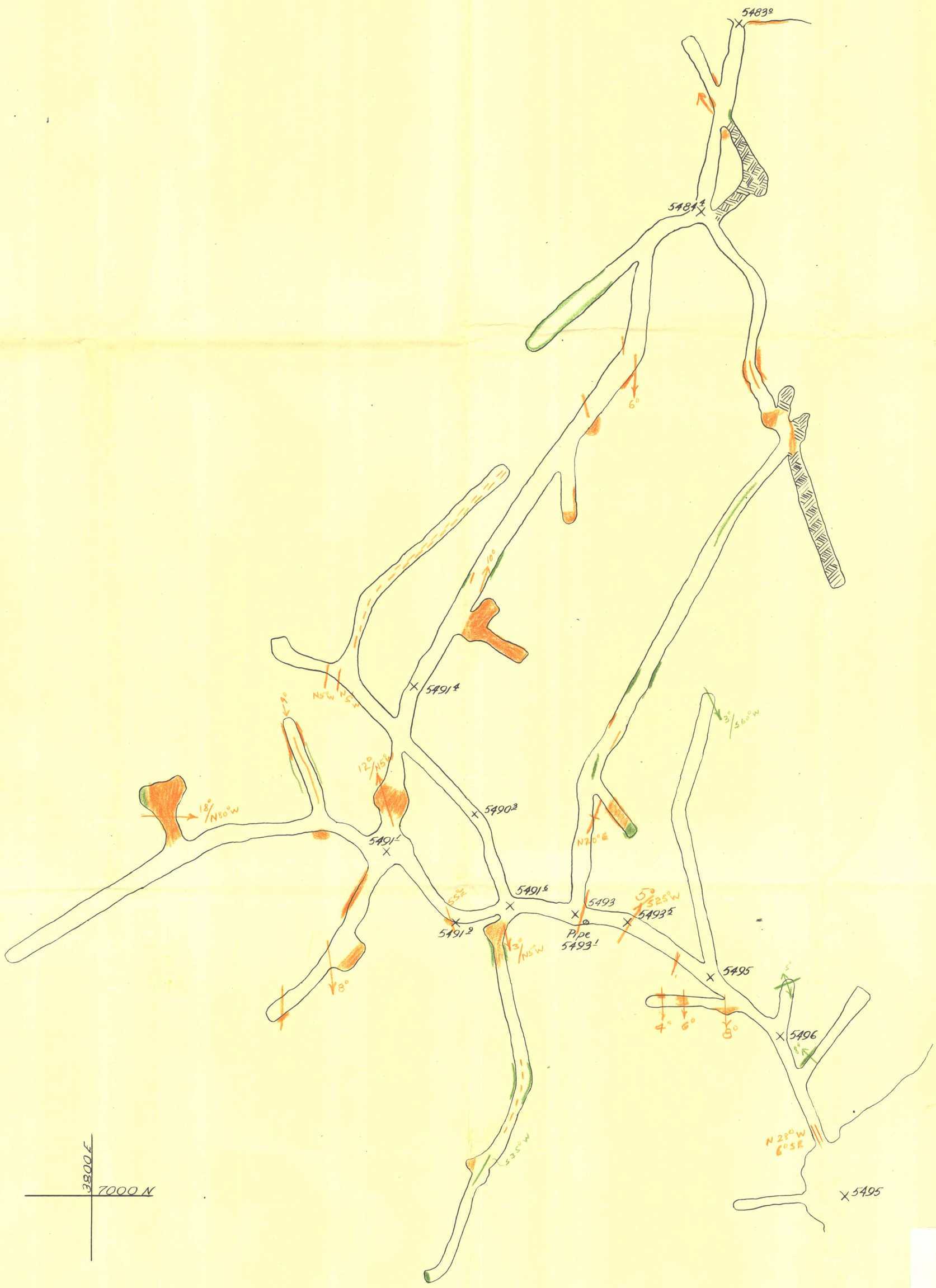


FIGURE 2 - PROPOSED WAGON DRILL HOLES, URANIUM DEVELOPMENT CORPORATION, MONTROSE COUNTY, COLORADO, DMEA 2618



BLACKFOOT MINE,

Vixen Mining District

Montrose County Colo.

Scale: 1" = 20'.

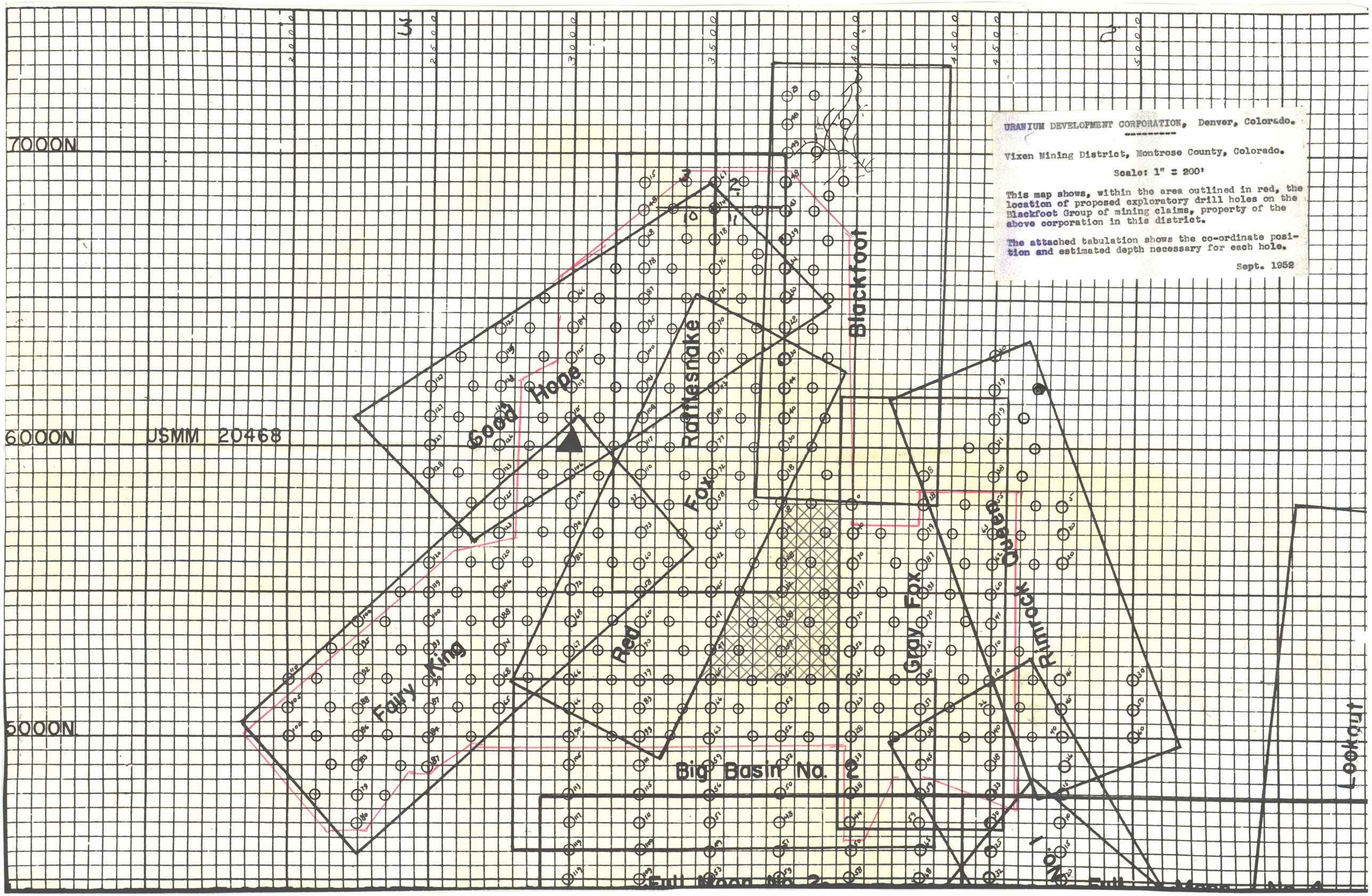
LEGEND

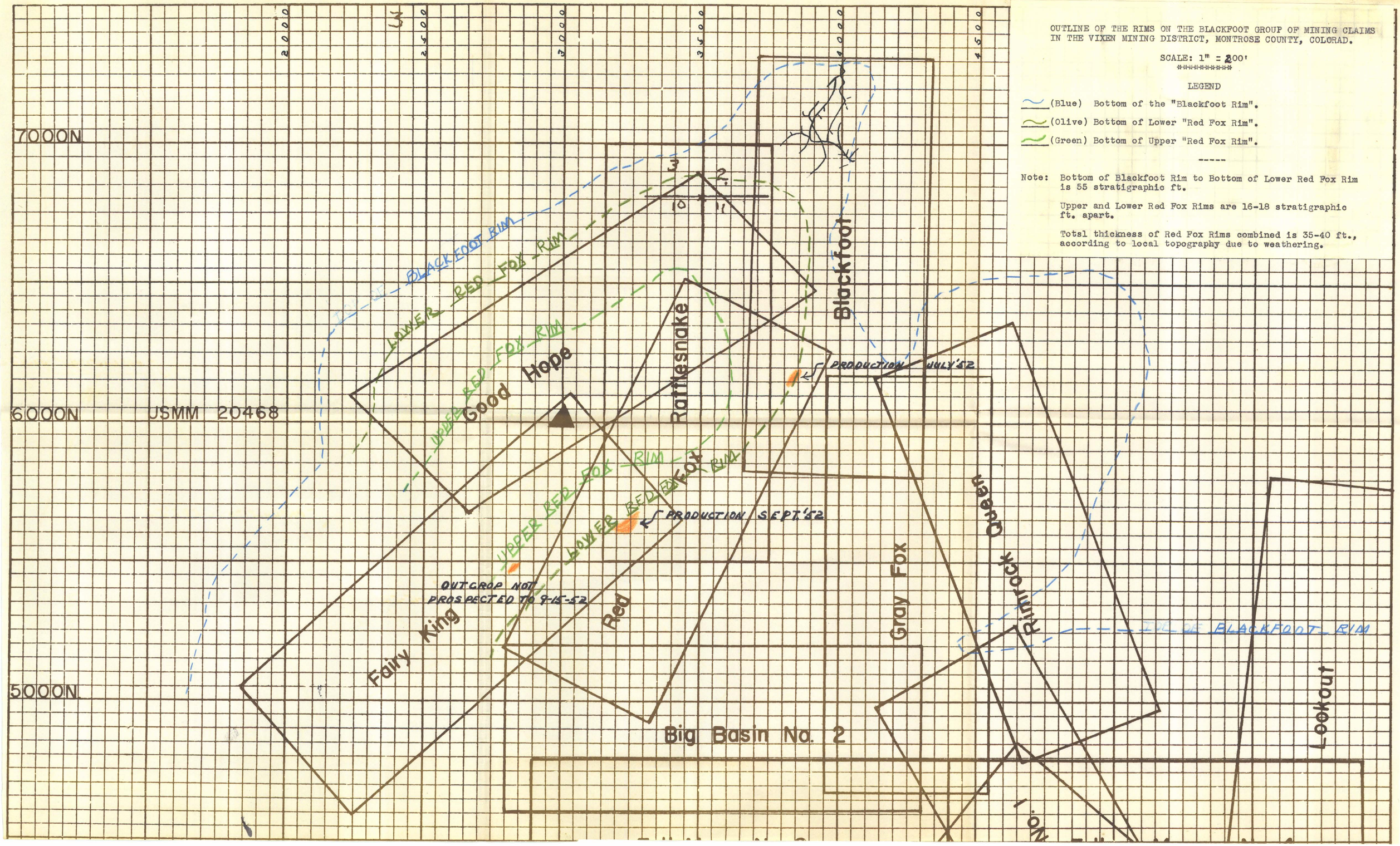
Co-ordinates refer to
USMM 20468 @ 6000N-3000E

Commercial grade carnotite

Low grade carnotite

6° Direction and inclination of the axis of a "roll".

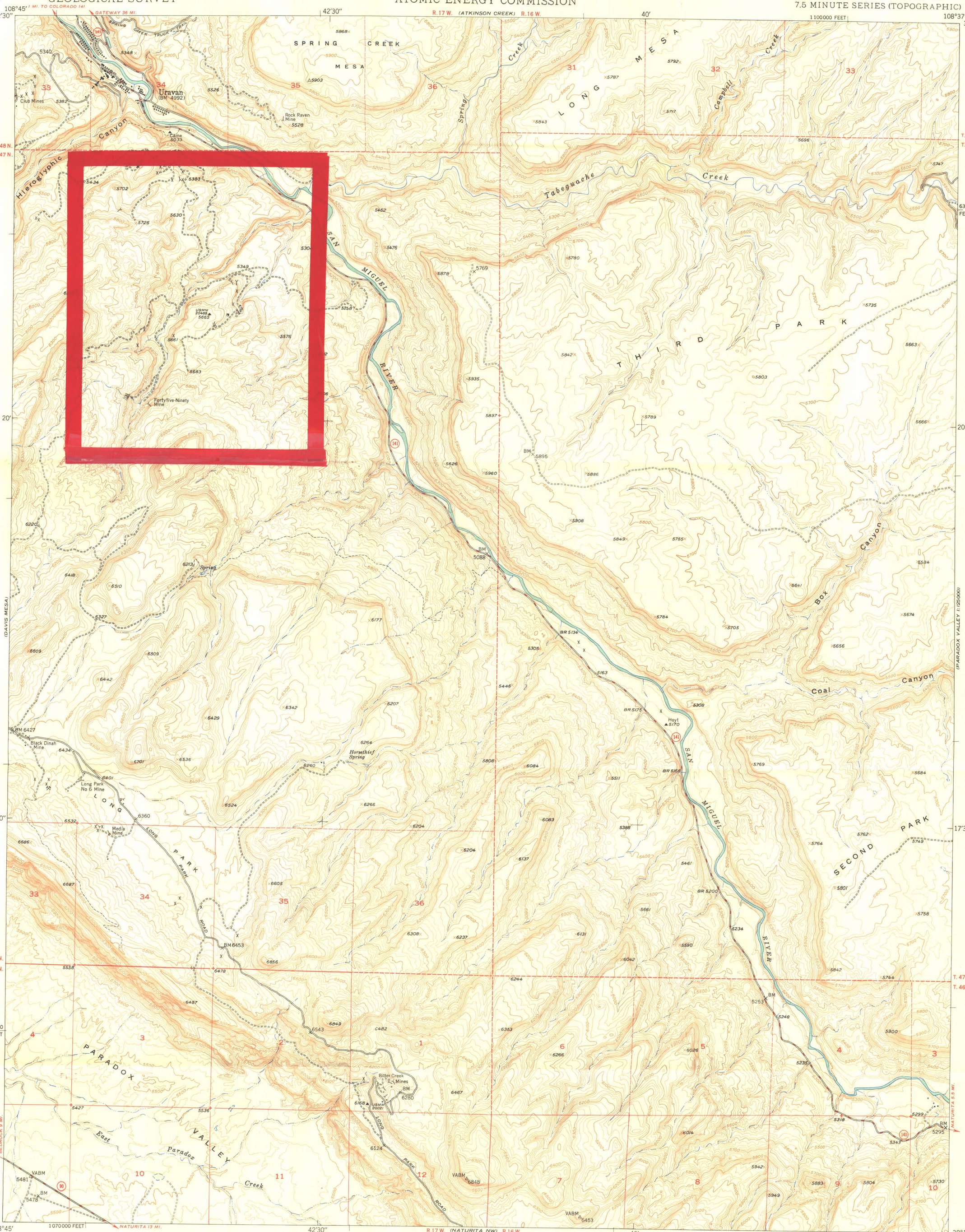

URANIUM DEVELOPMENT CORPORATION, Denver, Colorado.
Vixen Mining District, Montrose County, Colorado.
Scale: 1" = 200'
This map shows, within the area outlined in red, the location of proposed exploratory drill holes on the Blackfoot Group of mining claims, property of the above corporation in this district.
The attached tabulation shows the co-ordinate position and estimated depth necessary for each hole.
Sept. 1952
7000N
6000N
5000N
USMM 20468
2000
2500
3000
3500
4000
4500
4500
5000
Good Hope
Rattlesnake
Blackfoot
Fox
Red
Fairy King
Gray Fox
Cubee
Rimrock
Big Basin No. 2
Lookout


OUTLINE OF THE RIMS ON THE BLACKFOOT GROUP OF MINING CLAIMS IN THE VIXEN MINING DISTRICT, MONTROSE COUNTY, COLORAD.
SCALE: 1" = 200'
LEGEND
(Blue) Bottom of the "Blackfoot Rim".
(Olive) Bottom of Lower "Red Fox Rim".
(Green) Bottom of Upper "Red Fox Rim".
Note: Bottom of Blackfoot Rim to Bottom of Lower Red Fox Rim is 55 stratigraphic ft.
Upper and Lower Red Fox Rims are 16-18 stratigraphic ft. apart.
Totsl thickness of Red Fox Rims combined is 35-40 ft., according to local topography due to weathering.
7000N
6000N
5000N
USMM 20468
2000
2500
3000
3500
4000
4500
BLACKFOOT RIM
LOWER RED FOX RIM
UPPER RED FOX RIM
Good Hope
Rattlesnake
Blackfoot
PRODUCTION JULY '52
PRODUCTION SEPT. '52
OUTCROP NOT PROSPECTED TO 9-15-52
Fairy King
Red Fox
Gray Fox
Queen
Rimrock
Big Basin No. 2
Lookout
No. 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
ATOMIC ENERGY COMMISSION

URAVAN QUADRANGLE
COLORADO—MONTROSE CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken September 1947. Field check, 1948

Polyconic projection. 1927 North American datum
10,000-foot grid based on Colorado coordinate system, south zone

Dashed land lines indicate approximate location
Land lines omitted in part of T. 47 N.–R. 16 W. and T. 46 N.–R. 17 W. because of insufficient data

TRUE NORTH
MAGNETIC NORTH
15°
APPROXIMATE MEAN DECLINATION, 1948

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO OR WASHINGTON 25, D. C.

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS		DRY WEATHER ROADS
Heavy-duty	4 LANE / 2 LANE	Improved dirt
Medium-duty	4 LANE / 2 LANE	Unimproved dirt
Loose-surface, graded, or narrow hard-surface		

U. S. Route — State Route

URAVAN, COLO.
N3815—W10837.5/7.5

EDITION OF 1949

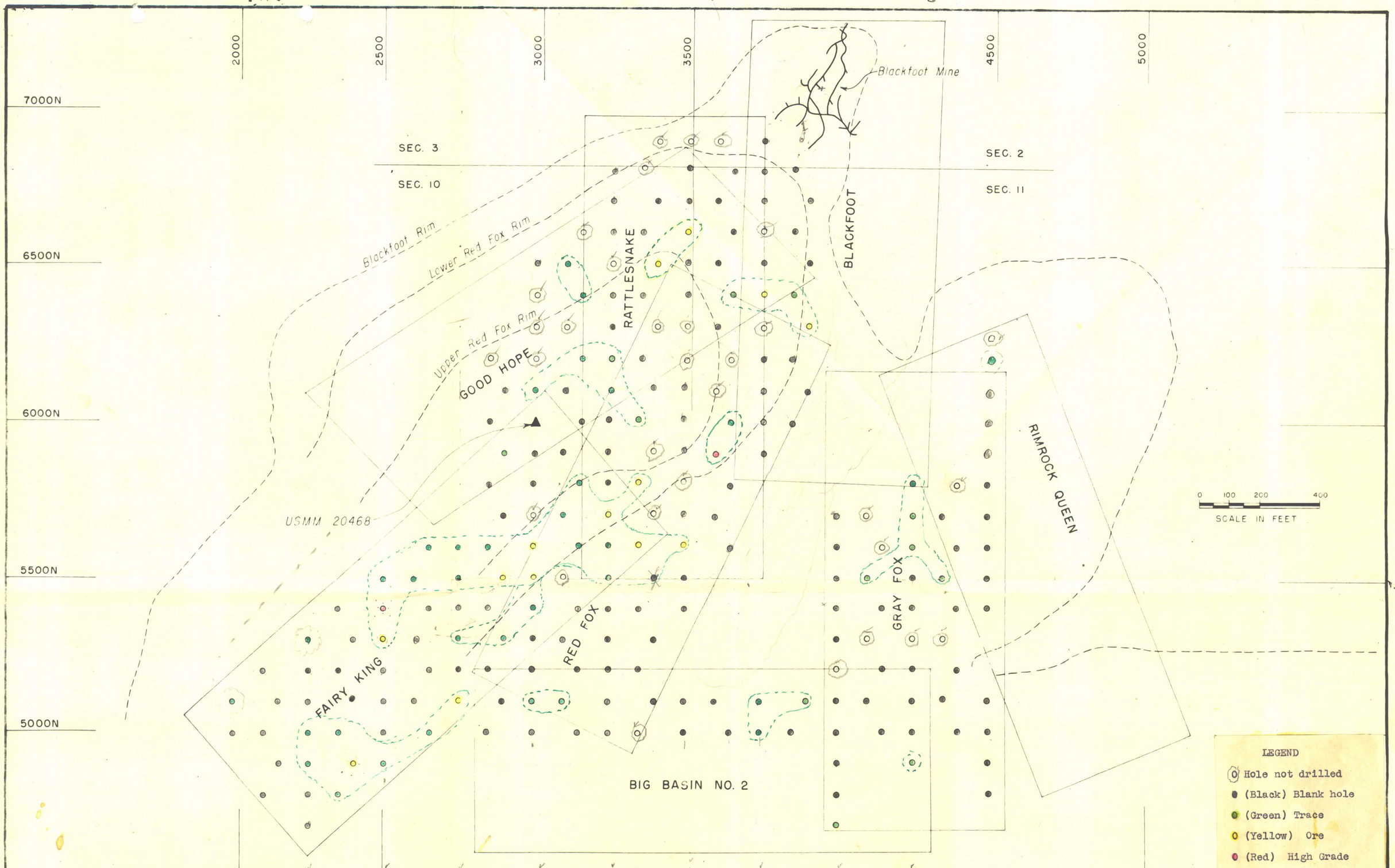
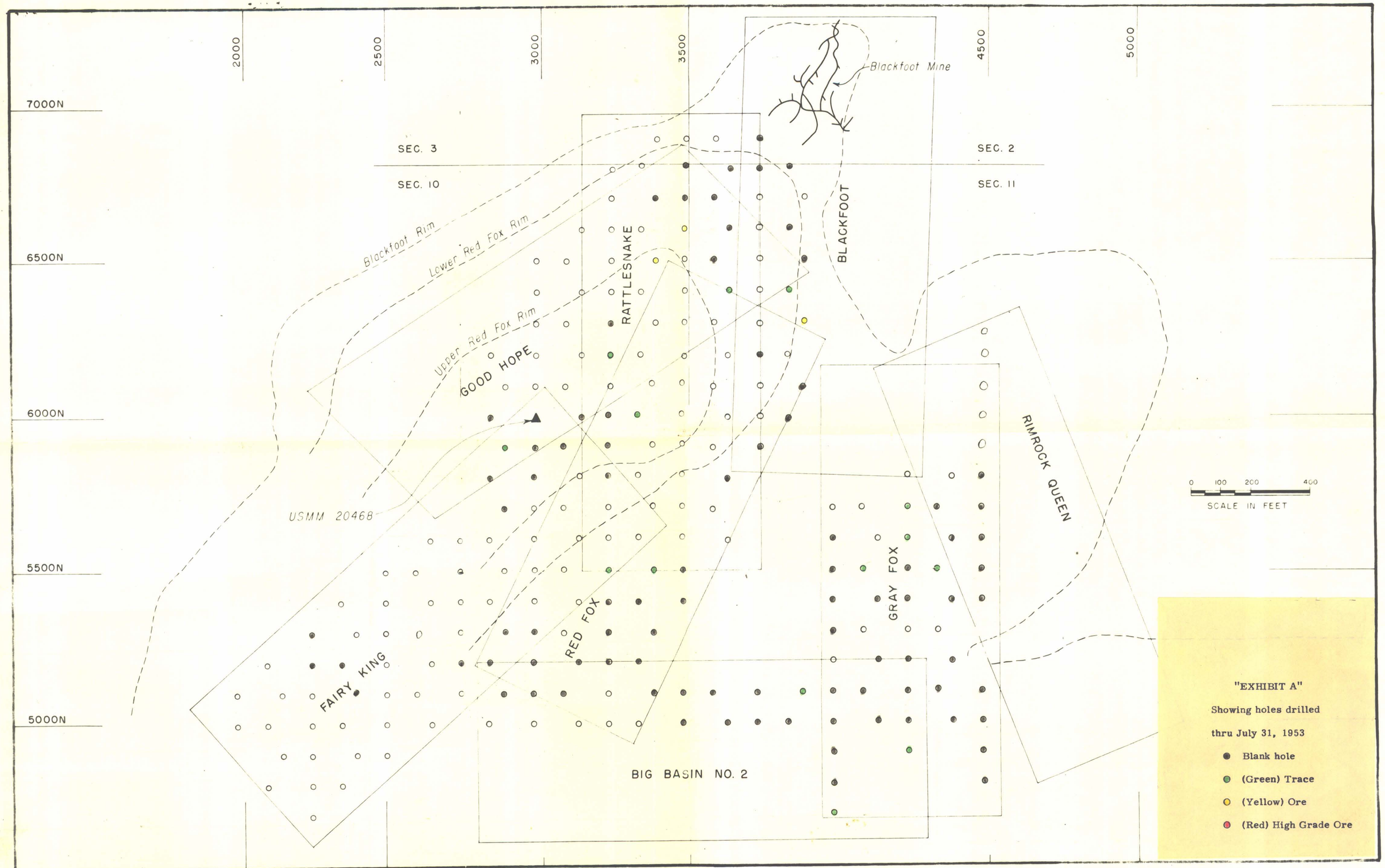


FIGURE 2 - PROPOSED WAGON DRILL HOLES, URANIUM DEVELOPMENT CORPORATION, MONTROSE COUNTY, COLORADO, DMEA 2618



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