MICRO COPPER CORPORATION

URANIUM BUILDING
MOAB, UTAH

TELEPHONE
CODE 801, 253-4401

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 23 1963

DATE		CODE
10/18		800
~~10/21~~	~~Murphy~~	~~500~~
10/21		

October 15, 1963

Department of The Interior
DMEA
Office of Mineral Exploration
Washington 25, D.C.

Re: DMEA-3355 (Uranium)
Neptune Uranium Corp.
Shamrock Group
Montrose County, Colorado
Contract Idm-E703

Attention: Mr. F. M. Murphy, Acting Chief
Division of Minerals

Gentlemen:

This is in reply to your letter of October 11, 1963. The mining claims referred to were quit claimed by us to Donald K. and Keith M. Andrews of Nucla, Colorado on August 16, 1963 and the deed was recorded in the county court house at Montrose, Colorado on August 21, 1963.

The lease on these mining claims which was held by Neptune Uranium Corporation expired February 1, 1959 and was not renewed. To the best of our knowledge there has been no activity on these claims except assessment work since that time.

Your MME form 63 has been forwarded to Donald K. Andrews of Nucla, Colorado with the request that he complete it and return it to you.

Very truly yours,

MICRO COPPER CORPORATION

Ellis R. Cook, Jr.

Ellis R. Cook, Jr.
Secretary-Treasurer

ERC/lrb
cc: Donald K. Andrews

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

October 11, 1963

Re: DMEA-3355 (Uranium)
Neptune Uranium Corp.
Shamrock Group
Montrose County, Colorado
Contract Idm-E703

Mr. Donald K. and Keith M. Andrews

Nucla, Colorado

Dear Mr. Andrews:

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,

F M Murphy

F. M. Murphy, Acting Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 21 1963

DATE		CODE
10/21		800
		100
10/21		~~110~~
10/21 Murphy		~~300~~
		220

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since April 24, 1962, 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 April 24, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
None		
	None	

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	None Tons		
Concentrates	None Tons		
Other	None 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
None		

Submitted by:

Name Donald K. Andrews Title Partner

Address Box 87 Nucla, Colorado Date Oct. 15, 1963

4512

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

October 11, 1963

Re: DMEA-3355 (Uranium)
Neptune Uranium Corp.
Shamrock Group
Montrose County, Colorado
Contract Idm-E703

Micro Copper Company
Moab, Utah

gov't claimed land.
see letter from Micro Copper Co.

Gentlemen:

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,

s/F. M. Murphy

F. M. Murphy, Acting Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E
RECEIVED OCT 21 1963

DATE	INITIALS	CODE
10/21		800
10/21		100
10/21		110
10/21		500
		220

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since April 24, 1962, 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 April 24, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value
None		

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	None Tons		
Concentrates	None Tons		
Other	None 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
None		

Submitted by:

Name Donald K. Andrews Title Partner

Address Box 87 Nucla, Colo Date Oct 18, 1963

4511

NEPTUNE URANIUM CORPORATION

Denver Office
2625 Walnut St.
P. O. Box 927, Denver 1

Mine Address
Uravan, Colo.

Denver, Colorado
Sept. 13, 1963

Officers & Directors
W. E. Griffith, Pres. & Director
L. A. Griffith, V. Pres. & Director
F. A. Burns, Treasurer
R. B. Carson, Secy. & Director
Clark F. Barb, Director

Paul H. Keating, Consulting Geologist
Karl C. Brauns, Counsel

Mr. F.M. Murphy, Acting Chief
Division of Minerals
Deapratment Of Interior
Washing ton 25, D.C.

RE: SHAMROCK GROUP
DMEA *3355 Uranium

Dear Mr. Murphy:

I ambreturning to you two copies of your letter of September 4th relating to ouf past operations on the Shamrock Group.

Micro Copper Company, Moab Utah now own or control the claims we has under lease until 1959. We have nothing whatsoever to do with them at this time.

Neptune Uranium has one valid claim OUTLET which covers ground the former owners moved corners on after our lease from Andrews of Nucla was entered into by us. We have not made production during the last 3 years anywhere.

Yours truly,

Lowell A. Griffith

Lowell A. GriffithO Mine supt & V.P.

1

OFFICIAL FILE COPY
RECEIVED SEP 16 1963
DATE

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

September 4, 1963

Re: DMEA-3355 (Uranium)
Neptune Uranium Corp.
Shamrock Group
Montrose County, Colorado
Contract Idm-E703

Mr. Lowell A. Griffith
Neptune Uranium Corporation
Uravan, Colorado

Dear Mr. Griffith:

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,

s/F. M. Murphy

F. M. Murphy, Acting Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 17 1963

DATE		
9/17		800
		120
	Murphy	500

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since April 24, 1962, 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 April 24, 1962, has there been any production from the land subject to the contract? 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
WASHINGTON 25, D. C.

OFFICE FILE COPY
O. M. E
RECEIVED APR 30 1962

DATE		
4-30		800
4-30		100
4-30		140
5/4	Murphy	220
		500
		220

APR 6 1962

Re: DMEA-3358 (Uranium)
Lowell A. Griffith Associates
Shamrock Group
Montrose County, Colorado
Contract Idm-1703

Mr. L. A. Griffith
Neptune Uranium Corporation
Uravan, Colorado

Dear Mr. Griffith:

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

Willis R. Griswold, Chief
Division of Minerals

Use: date of last royalty
July 16, 1958 in request to owners.

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since June 30, 1960, 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 June 30, 1960, has there been any production from the land subject to the contract? 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 LOWELL A. GRIFFITH Title

Address URAVAN CENTRAL CITY COLORADO Date 4-25-62

4512

Griffith Uranium Co.

MINE ADDRESS
General Delivery
URAVAN, COLORADO

Box 51 Naturita, Colo.

DENVER ADDRESS
P. O. Box 927
DENVER 1, COLORADO

April 25, 1962

Mr. Willis R. Griswold, Chief
Divison Of Minerals OME
Washington, D.C.

RE: SHAMROCK GROUP
DMEA 3355

Dear Mr. Griswold:

Our Neptune Uranium Corporation operated this group under lease without profit. On expiration of the lease several changes were requested by us such as royalty reduction on various grades of ore but we were refused.

Micro-Copper of Moab Utah, Ellis Cook secretary cancelled us out completely in 1959 or 1960 and refused negotiations since. The property has been idle since.

Our company hold title to locations covering up the open parcels of this group. With the rejection of our 2nd DMEA drilling loan on this ground we were unable to reach sufficient ore bodies to operate. The ore in this region seems small but of good grade. Being costly to mine.

Very truly

Lowell A. Griffith

Lowell A. Griffith & Associates

1

See — Don Andrews, Nucla Colorado for information - He stopped our lease

LAG.

Copy to Region III with copy Form 63
5/1/62 gla

REQUEST FOR INFORMATION
FROM OPERATOR ON CERTIFIED PROJECT
AND PROJECT UNDER ROYALTY AGREEMENT

Mangling

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

From: Field Officer, OME

Concerning:
Docket No. DMEA-3333-Uranium
Property Shamrock Group
Location Montrose County, Colorado
Contract Idm-E 703

Date:

Write To
L. A. Griffith
c/o Neptune Uranium Corporation
Uravan, Colorado

With the certification of the exploration project identified above, you were asked to inform our office about changes in the status of the property and production from it.

To assist you to furnish this information and to assure the accuracy of our records, we ask that you answer the questions below and return one copy to this office with copies of any pertinent documents.

Field Officer

1. Since 6/30/60, has there been a change in ownership, lease, or sublease about which the OME has not been notified? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents. Yes ☐ No ☐

2. Since 6/30/60, has there been any production from the property?* Yes ☐ No ☐

A. If so and it was shipped, give 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		

Submitted by:

Name _____ Title _____

Address _____ Date _____

MME Form 63 8-60 * Property means land subject to the contract. 79340-60

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 29 1960

DATE	INITIALS	
8-29	gad	110
"	[illegible]	110
"	[illegible]	800
"	gla	500
		225

August 24, 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: Interim Report of Certified Project for the period
December 31, 1958 through June 30, 1960
Docket No. DMEA 3355 (Uranium)
Contract No. E703
Lowell A. Griffith Associates
(Shamrock Group)
Montrose County, Colorado

Enclosed are the original and two copies of the subject report.

Hugh M. Connors

Hugh M. Connors

Attachments

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 29 1960

DATE	INITIALS	CODE

OFFICE OF MINERALS EXPLORATION

REGION III

Statement in Lieu of Interim Report of Certified Project

Reporting Period 12-31-58 through 6-30-60

Docket and Contract Number DMEA 3355 E703 (Uranium)

Operator Lowell A. Griffith Associates Shamrock Group
Montrose County, Colorado

The project has been inactive during the reporting period [X]

Pertinent data relative to the subject contract has remained unchanged since the last report [X]

Remarks: L. A. Griffith visited this office 12-30-59 and advised as noted above, according to a note in our files.

AEC records show no production in 1959 and first half of 1960.

Signed Hugh M. Connors **Date** 8-24-60
Hugh M. Connors
Acting Field Officer, OME, Region III

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAR 9 1959

DATE	INITIALS	CODE
3-9	C	220
"	[illegible]	
3/10	[illegible]	110
"	[illegible]	800
		~~700~~
		~~210~~
		700

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

March 4, 1959

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 3355
Contract Idm-E 703

Neptune Uranium Company (Shamrock 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. Townsend

Enclosures

cc: Semiannual Report File Idm-E 703
Harshman
Robertson
Chron.

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period July 1, 1958 - December 31, 1958
Docket and Contract Number DMEA 3355, Contract Idm-E703
Operator Neptune Uranium Company
Montrose County, Colorado

The project has been inactive during the reporting period ☐

Pertinent data relative to the subject contract has remained unchanged since the last report ☒

Remarks:

The Operator is arranging financing for additional exploration drilling. Production may commence again in the near future.

Signed H. F. Robertson Date 3/2/59

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

C

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.
3355	Neptune Uranium Corporation	Idm-E703

ORE ESTIMATES

	Tons	Analysis U_3O_8	Analysis V_2O_5
DMEA	428	0.44	2.00
Operator to date	916	"	"
Total	1,344	"	"
Production to date	1,344	"	"
Ore in ground	—		

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts	7'x9'		800	$8,500
Raises				
Drilling	Type	Wagon Drill	7,000	5,500
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Prepared by Michael Ching Date 11-

UNITED STATES
DEPARTMENT OF THE INTERIOR

~~DEFENSE MINERALS EXPLORATION ADMINISTRATION~~
OFFICE of MINERALS EXPLORATION
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 7 1958

DATE	INITIALS	CODE
11-7	C	220
"	[illegible]	110
11/7	[illegible]	800
11/17	Chiang	700

November 5, 1958

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 3355 (Uranium-vanadium), Contract Idm-E703, Neptune Uranium Corporation, (Shamrock and Piper 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.

J. W. Townsend

J. W. Townsend

Enclosures

Semiannual Report of Certified Projects

Reporting Period January 1, 1958 - June 30, 1958

Docket and Contract Number DMEA 3355, Contract Idm-E703

Operator Neptune Uranium Corporation

Commodity Uranium - vanadium

Mine Name Shamrock and Piper claims

County and State Montrose County, Colorado

Date of Contract September 9, 1954

Date of Certification May 19, 1955

Expiration Date of Royalty Payments September 9, 1964

Date of Examination for this Report August 14, 1958

Total Amount of Contract $18,350.00

Total Expenditures under Contract $ 16,305.00

Amount of Government Participation at 75 % $ 12,228.75

Royalty Payments this Period $ 383.49

Previous Royalty Payments $ 2,115.13

Total Royalty Payments to Date $ 2,498.62

% Loan Repayment Completed 20.43

Amount of Royalty Due None

Royalty Remarks

The operator does not stockpile production subject to DMEA royalty.

	Tons	U_3O_8 Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines ☐ Survey ☐ Joint ☐	428	0.44%
Revised Estimate of DMEA Reserves (Field Team) Mines ☐ Survey ☐ Joint ☐	No revision	

Increase of Reserves by work performed subsequent to DMEA project work		U_3O_8	V_2O_5
Production DMEA (conc/ore) (This period)	230.899	0.25%	1.22%
(Previous)	1,113.235	0.29%	1.50%
(To Date)	1,344.134	0.29%	1.45%
" 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 ☒

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	$ 220.83
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
						7'x9'	800	$8,500

Raises Size	Raises Feet	Raises Cost	Rehabilitation Description	Rehabilitation Cost	Type & Size	Drilling Feet	Drilling Cost
					Wagon drill 2½"	7,000	$5,500

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks

Production checks with AEC records.

Signed H. F. 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 - 12/31/57

DMEA No.	Operator	Contract No.
3355	Neptune Uranium Corporation (Griffith)	Idm-E703

ORE ESTIMATES

	Tons	Analysis	
		U_3O_8	V_2O_5
DMEA	428	0.44	2.00
Operator to date	685	"	"
Total	1,113	"	"
Production to date	1,113	"	"
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 4-8-58

31398

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

March 27, 1958

COPY
DMEA
RECEIVED APR 2 1958
DATE | INITIALS | CODE
4/2 | C | 336
4/3 | Com | 110
" | 7Hf | 110
" | 336 | 9
4/7 | Chrg | 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 3355
Contract Idm-E 703
Neptune Uranium Corporation (Shamrock and Piper 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.

E. M. Harshman

Acting Executive Officer, DMEA
Field Team, Region III

Enclosures
MHM:dp

cc: Semiannual Report File E 703
Harshman
Hasler
DMEA/GJ
Chron.

Semiannual Report of Certified Projects

Reporting Period July 1, 1957 through December 31, 1957

Docket and Contract Number DMEA 3355, Contract Idm-E703

Operator Neptune Uranium Corporation

Commodity Uranium - Vanadium

Mine Name Shamrock and Piper Claims

County and State Montrose County, Colorado

Date of Contract September 9, 1954

Date of Certification May 19, 1955

Expiration Date of Royalty Payments September 9, 1964

Date of Examination for this Report March 11, 1958

Total Amount of Contract $18,350.00

Total Expenditures under Contract $16,305.00

Amount of Government Participation at 75 % $12,228.75

Royalty Payments this Period $512.04

Previous Royalty Payments $1,603.09

Total Royalty Payments to Date $2,115.13

% Loan Repayment Completed 17.30%

Amount of Royalty Due $4.74

Royalty Remarks None

	Tons	Analysis U_3O_8
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [ ] Survey [x] Joint [ ]	428	0.44
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	No revision	

Increase of Reserves by work performed subsequent to DMEA project work		U_3O_8	V_2O_5
Production DMEA {conc / ore} (This period) 1/	* 319.23	0.27%	1.25%
(Previous)	793.999	0.31%	1.60%
(To Date)	1,113.229	0.29%	1.44%
" Operator's {conc / ore} (This period)			
(Previous)			
(To Date)			

*Begin liq./6-27 to 8-27-57
End. liq./12-116 (AEC-0116)

Percent Revised Reserves Mined 260%

(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	$ 35,000.00
Bonus Royalty Paid	$ 220.83
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	Drilling Type & Size	Drilling Feet	Drilling Cost

Facilities

Mine Plant Description	Mine Plant Cost	Mill Description	Mill Cost	Roads Description	Roads Cost

Remarks

The operator does not stockpile production subject to DMEA royalty

1/ See attached Table 1

Signed H. F. Robertson (Engineer)

TABLE 1

Shipments from Piper No. 3 claims, according to AEC records for period 7/1/57 through 12/31/57.

Liq. No.	Date	Dry tons	U_3O_8 %	U_3O_8 Lbs.	V_2O_5 %	V_2O_5 Lbs.	Mill 1/
None	7/57	85.36	.17	291.30	.79	1,345.00	15
0208	8/57	71.29	.37	522.94	1.56	2,229.00	15
7599	9/57	7.54	.31	46.77	1.15	173.51	11
7632	10/57	35.25	.37	261.91	1.63	1,147.04	11
7659	10/57	54.97	.24	265.62	1.29	1,414.63	11
0108 2/	11/57	20.62	.19	79.56	1.04	427.00	15
0116 3/	12/57	44.20	.31	270.73	1.43	1,264.00	15
Total for period		319.23	.27	1,738.83	1.25	8,000.18	

1/ Mill 11 is Union Carbide Nuclear at Uravan, Colorado
Mill 15 is Vanadium Corporation of America at Naturita, Colorado

2/ Liquidation No. 0108 is entered in AEC production records as 20.62 tons. This figure is derived from a summary of ore receipts furnished the AEC by the mill. The settlement sheet furnished with DMEA royalty payments shows only 13.8595 tons; however, the load detail accompanying this settlement sheet indicates that 13.8595 tons was only a part of the ore received in November 1957, and that the total shipments for the month came to 20.62 tons, the figure reported to the AEC by the mill. The discrepancy will be investigated.

3/ Liquidation No. 0116 covers a lot of 14.991 tons (liq. No. 1255) reported to DMEA in December 1957, and a lot of 29.2125 tons reported in January 1958.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Misc. Metals Division Date 10-1-57
9-26-57

Semi-Annual Report - Certified Project Date 1-1 to 6-30-57

DMEA No. 3355 Operator Neptune Uran. Corp. Contract No. Idm-E 703

Ore Reserves

Ore Estimates	Tons	Analysis	
Original (DMEA)	428	0.44 % U_3O_8,	2.0 % V_2O_5
Increase (Operator)	500	"	"
Total	928	"	"
Decrease (Production)	794	"	"
Net Available	134	"	"

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

Much of above-reported production was formerly reported as coming from deposits found prior to the DMEA project.

Michael Ching

200338

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date [illegible]/1/57

Referred to:

1. ~~Mr. Wittendorf~~
2. ~~Mr. Jochmann~~
3. ~~Mr. Sternburg~~
4. Docket Control Mails and Files
5. Divisi
6. Docket Control Mails and Files

Note comments in report regarding:

1. Tonnage up
Grade down
2.

3.

4.

and take appropriate action.

Action taken by Division:

Robert E. Adams

RB

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DMEA
RECEIVED SEP 30 1957

DATE		CODE
10/1	B	220
"	COM	100

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

September 26, 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 3355 (Uranium-Vanadium)
Contract Idm-E 703, Neptune Uranium Corporation (Shamrock & Piper 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.

Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures

MHM/vj

cc: Semiannual Report File E 703
DMEA/DFC (2)
DMEA/G.Jct.
Harshman
Hasler
Chron.

Semiannual Report of Certified Projects

Reporting Period	January 1, 1957 through June 30, 1957
Docket and Contract Number	DMEA 3355, Idm-E703
Operator	Neptune Uranium Corporation
Commodity	Uranium-Vanadium
Mine Name	Shamrock and Piper Claims
County and State	Montrose County, Colorado

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DMEA
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DATE	INITIALS	CODE
10/1	B	220

Date of Contract	September 9, 1954
Date of Certification	May 19, 1955
Expiration Date of Royalty Payments	September 9, 1964
Date of Examination for this Report	August 5, 1957
Total Amount of Contract	$18,350.00
Total Expenditures under Contract	$16,305.00
Amount of Government Participation at 75 %	$12,228.75
Royalty Payments this Period	$ 363.57
Previous Royalty Payments	$1,239.52
Total Royalty Payments to Date	$1,603.09
% Loan Repayment Completed	13.11%
Amount of Royalty Due	None
Royalty Remarks	----

	Tons	Analysis
Original Estimate of DMEA Reserve (Field Team Final Report) Mines [ ] Survey [X] Joint [ ]	428	0.44% U_3O_8
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]		

Increase of Reserves by work performed subsequent to DMEA project work

			% U_3O_8	% V_2O_5
Production DMEA ore	(This period)	* 209.729	0.27	1.00
	(Previous)	584.270	0.32	1.81
	(To Date)	793.999	0.31	1.60
" Operator's ore found subsequent to DMEA work	(This period)			
	(Previous)			
	(To date)			

Percent Revised Reserves Mines _____

* Starting w/Liq. No. 7035
Ending w/Liq. 6-16/6-27-57

(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	$ 220.83
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

Production for period January 1, 1957 through June 30, 1956 as shown on AEC records checks production figures above.

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. 3355 Operator Neptune Uranium Corporation Contract No. Idm-E 703

Ore Reserves

Ore Estimates	Tons	Analysis	
	~~420~~	0.44% U_3O_8,	2.0% V_2O_5
Original (DMEA)	500	"	"
Increase (Operator)	928	"	"
Total	90	"	"
Decrease (Production)	838	"	"
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

Operator's estimate of a 4000-ton increase in reserves considered excessive.

Michael Ching

100338

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

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DMEA
RECEIVED APR 1 1957

DATE	INITIALS	CODE
4/1	C	220
4/2	Com	100

March 29, 1957

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 3355 (Uranium-Vanadium)
Contract Idm-E 703, Neptune Uranium Corporation (Shamrock and Piper 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.

E. M. Harshman

for W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM/vj

cc: Semiannual Report File E 703
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 Dec. 31, 1956

Docket and Contract Number DMEA 3355, Contract Idm-E703

Operator Neptune Uranium Corp. successor to L. A. Griffith Associates

Commodity Uranium-Vanadium

Mine Name Shamrock and Piper claims

County and State Montrose County, Colorado

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DATE	INITIALS	CODE

Date of Contract September 9, 1954

Date of Certification May 19, 1955

Expiration Date of Royalty Payments September 9, 1964

Date of Examination for this Report February 1, 1957

Total Amount of Contract $18,350.00

Total Expenditures under Contract $16,305.00

Amount of Government Participation at 75 % $12,228.75

Royalty Payments this Period $ 152.82

Previous Royalty Payments $ 1,086.70

Total Royalty Payments to Date $ 1,239.52

% Loan Repayment Completed 10.14

Amount of Royalty Due none

Royalty Remarks

	Tons	Analysis	
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [X] Survey [ ] Joint [ ]	428	0.44% U_3O_8	
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]		U_3O_8	V_2O_5
Increase of Reserves by work performed subsequent to DMEA project work 1/	? 500 ? 4,000	0.60%	1.90%
Production DMEA ore (This period)	5.56	0.29%	1.30%
(Previous)	0.00	—	—
(To date	5.56	0.29%	1.30%
" Operator's ore (This period)	84.49	0.42%	1.81%
found subsequent (Previous) 2/	503.33	0.30%	1.84%
to DMEA work (To date)	587.82	0.32%	1.84%

Percent Revised Reserves Mines 13.4

(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~~ 220.83

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

1/ Additional reserves based on operator's estimates. DMEA field examiners consider that a conservative estimate of additional reserves would be 500 tons rather than 4,000 tons.

2/ All previous production came from deposits found before the DMEA project was active. Ore shipped is not segregated.

Signed H. F. Robertson (Engineer)

H. F. Robertson

TABLE 1 -- Ore shipments from claims subordinated under Docket DMEA 3355, Contract Idm-E703 as shown in AEC production records. Reporting period: July 1 -- Dec. 31, 1956.

Lig. No.	Date	Dry Tons	U_3O_8 %	U_3O_8 lbs.	V_2O_5 %	V_2O_5 lbs.
	Claim -- Piper No. 3		Shipper - Neptune Uranium Corp.			
6777	7-56	5.56	0.29	32.23	1.30	144.48
	Claim -- Shamrock No. 3		Shipper - Neptune Uranium Corp.			
6820 1/	8-56	5.09	0.37	37.70	2.22	226.19
6845 1/	9-56	4.67	0.37	34.53	3.43	320.07
6963	11-56	19.34	0.44	168.28	1.69	652.16
6982	12-56	23.03	0.51	237.19	1.82	837.85
7009	12-56	32.36	0.35	227.62	1.58	1,019.57
Total July 1 -- Dec. 31, 1956		90.05	0.41	737.65	1.78	3,200.32

1/ These shipments are credited to a "Shamrock" claim in the AEC production records, however, all production in the period August 1 -- December 31, 1956 was from the "Shamrock No. 3" claim.

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DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Misc.Metals Division Date October 9, 1956

Semi-Annual Report - Certified Project Date Sept. 9, 1954 to June 30, 1956

DMEA No. 3355 Operator Neptune Uranium Corp. (successor to Lowell A. Griffith Associates) Contract No. Idm-E 703

Ore Reserves

Ore Estimates	Tons	Analysis	
Original (DMEA)	428	0.44 % U3O8	2.0 [illegible]
Increase (Operator)	300	"	
Total	728	"	"
Decrease (Production)	—	—	—
Net Available	728	"	"

Investment

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

Examining engineer believes Operator's estimate of a 400% tonn increase in reserves is excessive. Former estimate is used here. Production to date is from deposits found prior to DMEA project.

Michael Chiang

200338

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT
Date 10-9

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. _____ Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. Change in reserve position
2.
3.
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

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OCT - 9 1956

224 New Customhouse
Denver 2, Colorado

Date: October 5, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: ~~XXXXXXXXXX~~ Report of Certified Project for the period September 9, 1954 to June 30, 1956
DMEA Docket-3355 (Uranium)
Contract Idm-E 703
Neptune Uranium Corp., Successor to Lowell A. Griffith Associates (Shamrock and Piper 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 and Memorandum 29.

The expiration date of royalty payments is September 9, 1964, as corrected herein.

W. M. Traver
W. M. Traver
Executive Officer, DMEA
Field Team, Region III

Enclosures

cc: Semiannual Report File E-703 w/copy report
J. F. Shaw (2) " " " " "
J. W. Hasler " " " " "
E. N. Harshman " " " " "
Chron.

DMEA
RECEIVED DEPARTMENT OF THE INTERIOR
OCT - 9 1956 OCT 2 1956
REGION III
DENVER, COLORADO

Semiannual Report of Certified Projects

Reporting Period **September 9, 1954 to June 30, 1956**

Docket and Contract Number **DMEA 3355, Contract Idm-E703**

Operator **Neptune Uranium Corporation, successor to Lowell A. Griffith Associates**

Commodity **Uranium**

Mine Name **Shamrock and Piper claims**

County and State **Montrose County, Colorado**

Date of Contract **September 9, 1954**

Date of Certification **May 19, 1955**

Expiration Date of Royalty Payments ~~May 19, 1965~~ 9/9/64

Date of Examination for this Report **September 26, 1956**

Total Amount of Contract **$18,355.00**

Total Expenditures under Contract **$16,305.00**

Amount of Government Participation at 75 % **$12,228.75**

Royalty Payments this Period **$1,086.70** 1/

Previous Royalty Payments —

Total Royalty Payments to Date **$1,086.70**

% Loan Repayment Completed 8.89

Amount of Royalty Due **none** 1/

Royalty Remarks **1/ from DMEA royalty statement of June 30, 1956—does not include ore shipped in June, 1956 for which the operator did not receive settlement sheet or payment, before July 1, 1956. Ore shipped in June 1956 is listed in Table 1 attached.**

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	CONTENT				
		U_3O_8		V_2O_5	
	tons	percent	pounds	percent	pounds
Original Estimate of Reserves (from Final Engr.-Geol. Report):	428	0.44	3766.4	-	-
Increase of Reserves by work performed subsequent to expiration or termination of contract: 1/	4,000	0.60	48,000.0	1.50	120,000
Revised Estimate of Reserves:	4,428	0.58	41,766.4	1.50	120,000

		Tons ore	lbs. U_3O_8
Production this Period (Ore or Concentrates)	9/9/54 through 6/30/55 2/	287.89	1,942.72
	7/1/55 through 6/30/56 2/	215.44	1,077.62
Amount of Previous Production (since date of contract)		503.33	3,020.34
Total DMEA Production to date			V_2O_5 12,489.88
			6,035.24
			18,525.12

% of Revised Reserves Mined 11.36

1/ Additional reserves based on operator's estimates. DMEA field examiners who made examination on operator's later application under Docket DMEA 4144 consider that a conservative estimate of additional reserves would be 500 tons rather than 4,000 tons.

Production Remarks: Ore shipped to date has come from deposits found before the DMEA project was carried out.

Note: On Uranium projects check with AEC to assure that our records are in agreement with theirs.

2/ Figures for period 9/9/54 through 6/30/55 based on settlement sheets furnished by operator and checked against AEC production records. There is an indicated discrepancy of 8.83 tons (see table 1).

Figures for period 7/1/55 through 6/30/56 based on AEC production records only.

Other Remarks: The estimate of an additional 4,000 tons reserve reported by the operator was based on a drill hole spacing of 50 feet, and on ore thicknesses estimated from the rotary non-core drilling results. It was assumed that mineralization was continuous from hole to hole. Erratic geographic and stratigraphic distribution and small size of individual ore bodies exposed on the property leads to conclusion that mineralization on which the operator based the reserves will prove to be similar to those previously mined, and a conservative estimate of additional reserves will not exceed 500 tons.

The project is active at the present time with continued small production after a recess from February to May 1956. Part of the area is presently tied up in litigation with the owners of the adjoining Eclipse claim. A portion of the area in which Government assisted exploration was done is involved.

Signed R. Houseknecht for (Engineer)
M. H. Salsbury

Table 1

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ORE SHIPMENTS FROM SHAMROCK, SHAMROCK 3 AND PIPER 1 CLAIMS
From September 9, 1954, thru June 30, 1955 on which DMEA royalty has been acknowledged by operator and paid.

Shipper — Griffith

Lig No.	Mill 1/	Date	Dry Tons	Content pounds U_3O_8	Content pounds V_2O_5	Total pay't by mill	Royalty due on mill pay't at 5 percent	AEC Bonus Payment	Royalty due on bonus payment
5842	USV	9/15/54	5.610	111.68	504.17	$695.53	34.78	390.88	19.54 2/
5852	USV	10/2/54	5.59	61.53	300.92	381.12	19.06	215.36	10.77
6046	VCA	11/10/54	4.47	41.08	221.0	257.33	12.87	143.78	7.19
5914	USV	11/10/54	10.80	130.99	511.41	774.46	38.72	458.47	22.92
*5915	USV	11/10/54	8.67	36.03	408.02	278.06	13.90	126.11	6.31
*Shipper — Karen & Moore									
*44-4464320	VCA	10/28/54 to 11/15/54	18.72	93.61	866.0	686.48	34.32	327.64	16.38
5930	USV	11/22/54	9.38	90.87	340.08	525.16	26.26	318.05	15.90
5959	USV	12/3/54	6.22	85.77	279.68	493.18	24.66	300.20	15.01
5960	USV	12/3/54	6.49	29.86	242.75	202.47	10.12	104.51	5.23
5981	USV	12/20/54	19.08	155.89	706.15	935.18	46.76	545.55	27.28
5980	USV	12/20/54	14.15	88.66	634.97	598.36	29.92	310.31	15.52
6001	USV	1/4/55	5.66	32.84	173.26	197.01	9.85	114.94	5.75
6000	USV	1/4/55	12.24	55.92	523.90	400.55	20.03	195.72	9.79
6025	USV	1/20/55	6.09	56.03	291.13	348.86	17.44	196.11	9.81
6026	USV	1/20/55	13.67	86.16	696.11	605.75	30.29	301.56	15.08
6039	USV	2/1/55	6.38	34.44	186.25	207.01	10.35	120.54	6.03
6040	USV	2/1/55	6.41	39.77	334.80	283.65	14.18	139.20	6.96
1634	Climax	2/4/55	13.46	94.21	764.40	758.69	37.93	107.17	5.36 3/
6062	USV	2/22/55	13.65	107.89	830.15	752.62	37.63	—	—
6079	USV	3/2/55	7.88	48.83	272.48	305.32	15.27	—	—
6095	USV	3/18/55	30.06	191.40	1,316.16	1,273.72	63.69	—	—
6114	USV	4/4/55	54.38	223.55	1,551.09	1,420.26	71.01	—	—
Shipments 9/9/54 to 6/30/55			279.06	1,897.01	11,954.88	$12,380.77	$619.04	$4,416.10	$220.83
Shipments according to AEC records			287.89	1,942.72	12,489.88				
Difference			4/ 8.83	45.77	535.00				

1/ USV denotes Union Carbide Nuclear Co. mill at Uravan, Colorado
VCA denotes Vanadium Corporation of America mill at Naturita, Colorado
Climax denotes Climax Uranium Company mill at Grand Junction, Colorado

2/ Mill payment and DMEA royalty on Lot 5842 cover that portion of this shipment made after September 9, 1954, the date of DMEA contract Idm-E703.

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OCT - 9 1956

3/ Only a portion of Lot 1634 was entitled to AEC bonus because maximum amount of U_3O_8 for which bonus is paid was exceeded by this shipment.

4/ AEC production records show a shipment of 27.55 tons of ore from the Shamrock 3 claim made in November 1954 to the Vanadium Corporation of America mill. No liquidation number is shown. There is no corresponding shipment in the settlement sheets furnished by the operator. The operator furnished a settlement sheet for Lot 9A, VCA lots 44446 and 44320, covering deliveries from the Piper No. 1 claim on October 29 and November 15, 1956, totaling 18.72 tons. The AEC records do not show a shipment corresponding to this tonnage. The difference between the operator's lot 9A and the AEC record is 8.83 tons of ore containing 45.77 pounds U_3O_8 and 535.00 pounds V_2O_5. These amounts are identical with an entry in the AEC records credited in December 1954 to the Piper No. 1 claim which was later cancelled. Presumably it was credited instead to Shamrock No. 3 claim as part of the 27.55 tons shown. The 8.83 tons may have been a shipment made prior to the effective date of contract Idm-E703 (September 9, 1954).

ORE SHIPMENTS BY NEPTUNE URANIUM CORPORATION MADE BETWEEN JULY 1, 1955 AND JUNE 30, 1956 ACCORDING TO A.E.C. PRODUCTION RECORDS

					Contents			
				Dry	U_3O_8		V_2O_5	
Lig. No.	Mill	Claim	Date	Tons	percent	pounds	percent	pounds
6257	USV	Shamrock 3	7/55	3.47	0.71	49.21	3.45	239.13
6350	USV	Piper 1	9/55	13.34	0.33	87.49	1.32	350.99
6380	USV	Piper 1	10/55	5.92	0.33	39.07	1.64	194.17
6372	USV	Piper 1	10/55	30.39	0.47	285.99	1.85	1,121.54
6411	USV	Piper 1	10/55	12.39	0.22	55.60	1.16	286.28
6401	USV	Piper 1	10/55	15.59	0.21	64.79	1.42	442.58
6436	USV	Piper 1	10/55	18.14	0.17	63.09	0.89	321.92
6472	USV	Piper 1	10/55	22.46	0.19	87.32	1.51	677.53
6481	USV	Piper 1	1/56	12.65	0.33	82.98	2.84	718.10
7839 1/	VCA	Piper 1	6/56	81.09	0.16	262.08	1.04	1,683.00
July 1, 1955 through June 30, 1956				215.44		1,077.62		6,035.24
September 9, 1954 through June 30,1955				-287.89		1,942.72		12,489.88
Total from 9/9/56 through 6/30/56				503.33	0.30	3,020.34	1.84	18,525.12

(Totals are based on AEC records)

1/ Royalty on this liquidation had not been paid as of July 1, 1956.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 6, 1958

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8/12 | J.G. | 225
" | MC | 200

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA-3355 (Uranium) Contract Idm-E703, Neptune Uranium Corp. (Shamrock 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.
		None				

Totals:

Past Due Royalties Collected: $19.53, per our letter dated 4/30/58.

Total Dry Tons (Ore or Cons.) Shipped to Date: 1344.134

J. W. Townsend
Alternate Acting Executive Officer

MHM:jy

cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
Chron.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

June 5, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket No. DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation, (Shamrock group) Montrose County, Colorado

Period: May 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.
5/7/58	8000	18.366	$21.67	$21.67	No bonus due	
4/28-5/15/58	5-0-46	7.211	11.84	11.25*	"	"
3/28-4/15/58	5-0-55	23.212	19.69	19.69	"	"
Totals:		48.789	$53.20	$52.61		

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 9 1958

DATE	INITIALS	CODE
6-9	C	220
"	~~[illegible]~~ (Chiez)	700

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 1344.134

Alternate Acting Executive Officer

cc: Chron
Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

P. O. BOX 1049, GRAND JUNCTION, COLORADO

ORE SETTLEMENT

LIQUIDATION NUMBER: 8000

BOUGHT OF
NEPTUNE URANIUM CORPORATION
URAVAN COLORADO

AEC LICENSE NUMBER: P 2750 | T'S: 1 | PERIOD ENDING: 4 30 58

RECEIVING PLANT CODES
2 URAVAN COLO
3 & 4 RIFLE, COLO
6 GREEN RIVER UTAH
7 SLICKROCK COLO

MINING CLAIM: PIPER 13

AEC DISTRICT NO: 17

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	054	9020	37920	3.1	36732.00	.20	1.17	.4

* APPROXIMATE AVERAGES

PRICED PER A E C (CIRCULAR NO 3 REVISED)

DETAIL OF PAYMENT	LBS OR MILES	RATE	DRY/WET TONS	VALUE
U3O8 PAYMENT	7178	3.50000	18.37	25123
DEVELOPMENT ALLOWANCE	7178	.50	18.37	3589
EXCESS 4 LB TON PREM		.75	18.37	
EXCESS 10 LB TON PREM		.25	18.37	
LINE PENALTY OVER 6PC			18.37	CR
V2O5 PAYMENT	42798	.31		13267
HAULAGE ALLOWANCE	1200	.1138	18.96	1365
TOTAL U_3O_8, V_2O_5 and HAULAGE PAYMENT				$ 43344

DMEA
DEPARTMENT OF THE INTERIOR
MAY 14 1958
REGION III
DENVER, COLORADO

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 9 1958
DATE | INITIALS | CODE

E703- Neptune

FORM 250-23 4

UNION CARBIDE NUCLEAR COMPANY

DIVISION OF UNION CARBIDE CORPORATION

LOAD DETAIL SHEET

NAME AND ADDRESS

NEPTUNE URANIUM CORPORATION
URAVAN COLORADO

SOURCE	T/S	PERIOD ENDING
549020	1	4 30 58

RECEIVING PLANT CODES
2 URAVAN, COLO
3 & 4 - RIFLE, COLO
6 - GREEN RIVER, UTAH
7 SLICKROCK, COLO.

MINING CLAIM

PIPER 3

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	03	30	21131	23440	26	22831	15	101		3425	23059			
2	04	30	24846	14480	40	13901	27	142	10	3753	19739	13901		
				37920	31	36732	20	117	4	7178	42798	13901	*	

ORIGINAL FILE COPY
DMEA
RECEIVED JUN 9 1958
DATE
JUDE

Form VW 56-C1

Durango, Colorado
SETTLEMENT SHEET

5 - 0 - 46

Type of Ore C-1 Carn

AEC LICENSE NO. P-2750

Deliveries to Naturita Mill Claim Name Piper #3 Period 4-28/5-15-58

Purchased from Neptune Uranium Corporation Address Uravan, Colorado

Settlement covering various lots beginning No. 89139 Ending No. 89139

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
15070		14422	1.38	.27	No LP	199	38.94	
NET WEIGHT TONS		DRY WEIGHT TONS						
7.535		7.2110						

V205 1.38 % 199 lbs. at .31 Per Lb. $ 61.69

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 61.69

U308 .27 % 38.94 lbs. at 3.50 Per Lb. $ 136.29

Content at 4 lbs. per ton 26.84 lbs.

Premium for lbs in excess of 4 lbs. per ton 10.10 lbs. at 75c Per Lb. $ 7.58

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 $ 143.87

Development Allowance 38.94 lbs. at 50c Per Lb. $ 19.47

Haulage Allowance at

7.535 tons x 26 miles—195.910 ton miles @ .06 $ 11.75

TOTAL GROSS VALUE $ 236.78

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 236.78

VO. NO. 22247 $ 194.70 TO: Neptune Uranium Corporation, Uravan, Colorado
VO. NO. 22248 $ 30.83 TO: Lakeside Monarch Mining Co. Moab, Utah. (15% V. & U)
VO. NO. 22249 $ 11.25 TO: Defense Minerals Exploration Administration 224 New Custom
VO. NO. $ TO: House Denver, Colorado (5% V & U & DEV)
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.

DMEA
DEPARTMENT OF THE INTERIOR
MAY 23 1958
REGION III
DENVER, COLORADO

Seller or Agent

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

5 - 9 - 55

Type of Ore C-1 Carn

AEC LICENSE NO. P-2750

Deliveries to Naturita Mill Claim Name Piper #1 Period 3-28/4-15-58

Purchased from Neptune Uranium Corporation Address Uravan, Colorado

Settlement covering various lots beginning No. ..... Ending No. .....

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
47980		46423	.80	.17328	No. LP	371	80.44	
NET WEIGHT TONS		DRY WEIGHT TONS						
23.990		23.2115						

V205 .80 % 371 lbs. at .31 Per Lb. $ 115.01

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V205 ..... $ 115.01

U308 .17328 % 80.44 lbs. at 2.9656 Per Lb. $ 238.55

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 ..... $ 238.55

Development Allowance 80.44 lbs. at 50c Per Lb. ..... $ 40.22

Haulage Allowance ..... at .....

..... $ .....

TOTAL GROSS VALUE ..... $ 393.78

Less Royalty ..... %V205 ( ) ..... %U308 ( ) ..... $ .....

Less Accounts Receivable ..... $ .....

TOTAL NET PAYMENT ..... $ 393.78

VO. NO. 22279 $ 321.06 TO: Neptune Uranium Corp, Uravan, Colorado
VO. NO. 22280 $ 53.03 TO: Lakeside Monarch Mining Co. Moab Utah (15% V&U)
VO. NO. 22281 $ 19.69 TO: Defense Minerals Exploration Administration, 224 New Custom
VO. NO. ..... $ ..... TO: House Denver, Colorado
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

Ⓟs

VANADIUM CORPORATION OF AMERICA — ORE RECORD

Shipper: Neptune Uranium — Address:
Claim: Pipes #1 — 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													
4/7	88731		28-10	Kramer	25130	3.0	24376	2.1		.88	215	.18	45.34
15	88841		—	8-147	16160	3.4	15611	3.4		.69	108	.16	24.97
15	88845		—	8-147	6690	3.8	6436	3.9		.74	48	.18	11.58
					47980		46423				371		80.89
			Settled 5/24/58										
			Total April		47980		46423				371		80.89
							23.21						

Original File Copy
DMEA
RECEIVED MAY 9 1958
5/9 C 220
chron 700

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

May 7, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, **Docket No. DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation, (Shamrock group) Montrose County, Colorado**

Period: **April, 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.
3-16/3-27/58	3060	25.527	$41.54	$39.41*	No bonus due	
3-28/4-15-58	4047	38.072	46.92	43.78*	"	"
Totals:		63.599	$91.46	$83.19*		

Past Due Royalties Collected: **None**

Total Dry Tons (Ore or Cons.) Shipped to Date: 1,295.345

E. M. Handman
Acting Executive Officer

Chron
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

Form VW-56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

3 0 60

Type of Ore 2-1 Carn

AEC LICENSE NO.

Deliveries to Naturita Mill Claim Name Piper #3 Period 3-16/3-27-58

Purchased from Neptune Uranium Address Uravan, Colorado

Settlement covering various lots beginning No. 93520 Ending No. 93611

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
54530		51055	1.33	.27	No L.P.	677	137.89	
NET WEIGHT TONS		DRY WEIGHT TONS						
27.265		25.5275						

V205 1.33 % 677 lbs. at .31 Per Lb. $ 209.87

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 209.87

U308 .27 % 137.89 lbs. at 3.50 Per Lb. $ 482.62

Content at 4 lbs. per ton 102.11 lbs.

Premium for lbs in excess of 4 lbs. per ton 35.78 lbs. at 75c Per Lb. $ 26.84

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 $ 509.46

Development Allowance 137.89 lbs. at 50c Per Lb. $ 68.95

Haulage Allowance at

27.265 Ton x 26 miles = 708.890 Ton miles .06 $ 42.53

TOTAL GROSS VALUE $ 830.81

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 830.81

DMEA
DEPARTMENT OF THE INTERIOR
APR 9 - 1958
REGION III
DENVER, COLORADO

RECEIVED MAY 9

VO. NO. 1852 $ 683.50 TO: Neptune Uranium Corp, Uravan, Colorado
VO. NO. 1853 $ 107.90 TO: Lakeside Monarch Mining Co., Moab, Utah (15% V & U)
VO. NO. 1854 $ 39.41 TO: Defense Minerals Exploration Administration
VO. NO. $ TO: 224 New Custom House
VO. NO. $ TO: Denver, Colorado (5% V.U. & U.)
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

E703 - Neptune

VANADIUM CORPORATION OF AMERICA — ORE RECORD

Fine Uranium Co. Address.....
Piper # 3 A.E.C. No.....
Locality..... State..... County.....
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.....

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
520		32-2	Griffith	17870	5.7	16851	1.1		1.23	207	.24	40.44
62		34-4	✓	18320	6.4	17148	1.6		1.33	228	.26	44.58
11		✓	✓	18340	7.0	17056	1.3		1.42	242	.31	52.87
				54530		51055				677		137.89

settled 3/27/58

			March	133900		126143				1524		305.69
						63.10						

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Type of Ore C-1 CARNOTITE AEC LICENSE NO.

Deliveries to NATURITA Mill Claim Name PIPER #3 Period 3-28/4-15-58

Purchased from NEPTUNE URANIUM CORPORATION Address URAVAN, COLORADO

Settlement covering various lots beginning No. 88630 Ending No. 88839

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
80480		76144	1.08	.20	NoLP	819	154.94	
NET WEIGHT TONS		DRY WEIGHT TONS						
40.240		38.0720						

V205 1.08 % 819 lbs. at .31 Per Lb. $ 253.89

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 253.89

U308 .20 % 154.94 lbs. at 3.50 Per Lb. $ 542.29

Content at 4 lbs. per ton 152.29 lbs.

Premium for lbs in excess of 4 lbs. per ton 2.65 lbs. at 75c Per Lb. $ 1.99

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 $ 544.28

Development Allowance 154.94 lbs. at 50c Per Lb. $ 77.47

Haulage Allowance ____ at ____

40.240 TON X 26 MILES= 1046.240 TON MILES @ .06 $ 62.77

TOTAL GROSS VALUE $ 938.41

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable ____ $ ____

TOTAL NET PAYMENT $ 938.41

VO. NO. 31746 $ 774.90 TO: NEPTUNE URANIUM CORPORATION URAVAN COLORADO
VO. NO. 12447 $ 119.73 TO: LAKESIDE MONARCH MINING COMPANY MOAB UT U (15% V & U)
VO. NO. 12448 $ 43.78 TO: DEFENSE MINERALS EXPLORATION ADMINISTRATION 224 NEW CUSTOM HOUSE DENVER COLORADO (5% V& U & DEV)
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 have 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.

DMEA
DEPARTMENT OF THE INTERIOR
APR 25 1958
REGION III
DENVER, COLORADO

Seller or Agent

VANADIUM CORPORATION OF AMERICA

ORE RECORD

Shipper Neptune Uranium Address
Claim Piper #3 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. VW81-C8

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
3 28	88630		34-4	Griffith	17580	4.4	16806	1.5		.93	155	.25	42.02
4 3	88697		32-2	✓	15540	5.4	14701	1.3		1.13	166	.22	32.34
5	88717		✓	✓	15730	6.1	14770	1.3		1.09	161	.21	31.02
10	88775		38-10	✓	16350	6.2	15336	1.4		1.30	199	.20	30.67
15	88839		✓	✓	15280	4.9	14531	1.3		.95	138	.13	18.89
					80480		76144				819		154.94

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 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation, (Shamrock 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	20 105	13.462	$13.66	$12.55*	No bonus due	
	2-28/3-15-58	30 39	9.836	12.82	12.82	"	"
	2-28/3-15-58	30 38	37.569	50.52	47.42*	"	"
1/	10-28/11-15-57	11 056	6.759	9.36	8.80*	"	"
	Totals:		67.626	$86.36	$81.59*		

Past Due Royalties Collected: None

1/ Enclosed is a copy of Settlement Sheet Liq.No.11056, which by memorandum dated 12/5/57 to your office, was credited in error to Royalty Acct. of E452. Please make the necessary adjustments.

Total Dry Tons (Ore or Cons.) Shipped to Date: 1,231.746

E. M. Hardmeier
Acting Executive Officer

cc: DMEA/G.Jct. - w/copy of S.S.Liq.#11056 only.
Chron
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

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 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation, (Shamrock 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	20 105	13.462	$13.66	$12.55*	No bonus due	
	2-28/3-15-58	30 39	9.836	12.82	12.82	"	"
	2-28/3-15-58	30 38	37.569	50.52	47.42*	"	"
1/	10-28/11-15-57	11 056	6.759	9.36	8.80*	"	"
	Totals:		67.626	$86.36	$81.59*		

Past Due Royalties Collected: None

1/ Enclosed is a copy of Settlement Sheet Liq.No.11056, which by memorandum dated 12/5/57 to your office, was credited in error to Royalty Acct. of E452. Please make the necessary adjustments.

Total Dry Tons (Ore or Cons.) Shipped to Date: 1,231.746

Original signed by
Acting E. N. HARSHMAN
Executive Officer

cc: DMEA/G.Jct. - w/copy of S.S.Liq.#11056 only.
cc: Chron
Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

C-1 Cam

SETTLEMENT SHEET

AEC LICENSE NO. P-2750

Deliveries to Naturita Mill Claim Name Piper #3 Period 2-16/2-27-58

Purchased from Neptune Uranium Co. Address Uravan, Colo.

Settlement covering various lots beginning No. 88207 Ending No. 88268

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
28490		26924	1.03	.17509	No L.P.	277	47.14	
NET WEIGHT TONS		DRY WEIGHT TONS						
14.2450		13.4620						

V205 1.03 % 277 lbs. at .31 Per Lb. $ 85.87

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V205 ..... $ 85.87

U308 .17509 % 47.14 lbs. at 3.0018 Per Lb. $ 141.50

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 ..... $ 141.50

Development Allowance 47.14 lbs. at 50c Per Lb. ..... $ 23.57

Haulage Allowance ..... at .....

14.2450 x 26 = 370.370 ton miles @ .06 ..... $ 22.22

TOTAL GROSS VALUE ..... $ 273.16

Less Royalty ..... %V205 ( ) ..... %U308 ( ) ..... $ .....

Less Accounts Receivable ..... $ .....

TOTAL NET PAYMENT ..... $ 273.16

VO. NO. 10880	$ 226.51	TO:	Neptune Uranium Corp.
VO. NO.	$	TO:	Uravan, Colo.
VO. NO. 10881	$ 34.10	TO:	Lakeside Monarch Mining Co.
VO. NO.	$	TO:	Moab, Utah (15% U & V)
VO. NO. 10882	$ 12.55	TO:	Defense Minerals Exploration
VO. NO.	$	TO:	204 New Customs House
VO. NO.	$	TO:	Denver, Colo (5% U, V & Dev.)

DMEA
DEPARTMENT OF THE INTERIOR
MAR 10 1958
REGION III
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 Vanadium Corporation of America. I certify that I have 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.

APR 15 D.M.E.A.

Seller or Agent

VANADIUM CORPORATION OF AMERICA ORE RECORD

Shipper Neptune Uranium Address
Claim Piper #3 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 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 23	88207		22-2	Griffith	14470	5.4	13689	2.0		1.13	155	.18	24.64
27	88268				14020	5.6	13235	2.1		.92	122	.17	22.50
					28490		26924				277		47.14
		February			87680		82948				1150		234.18
							41.47						

RECEIVED 1958 MAR 20 3

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

3 0 39

Type of Ore C-1 Carnotite

AEC LICENSE NO. P-2750

Deliveries to Naturita Mill Claim Name Piper #1 Period 2-28/3-15-58

Purchased from Neptune Uranium Corp. Address Uravan, Colorado

Settlement covering various lots beginning No. 88467 Ending No. 88467

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
20730		19673	1.47	.21	NO L.P.	289	41.31	
NET WEIGHT TONS		DRY WEIGHT TONS						
10.365		9.8365						

V205 1.47 % 289 lbs. at .31 Per Lb. $ 89.59

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 89.59

U308 .21 % 41.31 lbs. at 3.50 Per Lb. $ 144.59

Content at 4 lbs. per ton 39.35 lbs.

Premium for lbs in excess of 4 lbs. per ton 1.96 lbs. at 75c Per Lb. $ 1.47

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 $ 146.06

Development Allowance 41.31 lbs. at 50c Per Lb. $ 20.66

Haulage Allowance Hauled by V.C.A. at

$

TOTAL GROSS VALUE $ 256.31

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 256.31

VO. NO. 81814 $ 208.14 TO: Neptune Uranium Corp. Uravan, Colorado

VO. NO. 81844 $ 35.35 TO: Lakeside Monarch Mining Moab, Utah (15% V. & U)

VO. NO. 81848 $ 12.82 TO: D.M.E.A. 224 New Custom House Denver 1, Colo. (5% V.U. Rev)

VO. NO. $ TO:

VO. NO. $ TO:

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

Form VW 56 C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

3 0 38

Type of Ore: C-1 Carnotite

AEC LICENSE NO. 2750

Deliveries to Naturita Mill Claim Name Piper #3 Period 2-28/3-15-58

Purchased from Neptune Uranium Co. Address Uravan, Colorado

Settlement covering various lots beginning No. 88285 Ending No. 88466

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
79370		75138	1.13	.22	No L.P.	852	167.80	
NET WEIGHT TONS		DRY WEIGHT TONS						
39.685		37.5690						

V205 1.13 % 852 lbs. at .31 Per Lb. $264.12

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 264.12

U308 .22 % 167.80 lbs. at 3.50 Per Lb. $587.30

Content at 4 lbs. per ton 150.28 lbs.

Premium for lbs in excess of 4 lbs. per ton 17.52 lbs. at 75c Per Lb. $ 13.14

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 $600.44

Development Allowance 167.80 lbs. at 50c Per Lb. $ 83.90

Haulage Allowance at

39.685 ton x 26 Miles 1031.810 ton mies @ .06 $ 61.91

TOTAL GROSS VALUE $ 1010.37

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 1010.37

VO. NO. 11214 $ 833.27 TO: Neptune Uranium Corp. Uravan, Colorado

VO. NO. 11244 $ 129.68 TO: Lakeside Monarch Mining Co. Moab, Utah (15% V & U.)

VO. NO. 11203 $ 47.42 TO: Defense Minerals Exploration 224 New Custom House

VO. NO. $ TO: Denver, Colorado (5% V.U. & Dev.)

VO. NO. $ TO:

VO. NO. $ TO:

VO. NO. $ TO:

VO. NO. $ TO:

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Seller or Agent

DMEA
DEPARTMENT OF THE INTERIOR
MAR 24 1958
REGION III
DENVER, COLORADO

VANADIUM CORPORATION OF AMERICA ORE RECORD

Shipper Neptune Uranium Co. Address

Claim Jeper #3 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. VW31-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
4 28	88285		34-4	Griffith	15060	5.1	14292	1.5		1.02	146	.26	37.16
3 6	88354		✓	✓	14580	6.6	13618	1.5		1.32	180	.23	31.32
7	88376		37-6	✓	15790	3.7	15206	2.5		.81	123	.08	12.16
12	88435		38-10	✓	15230	6.7	14210	1.4		1.44	205	.30	42.6
14	88466		32-2	✓	18710	4.8	17812	1.1		1.11	198	.25	44.53
~~14~~	~~88467~~		~~Krame~~		~~20730~~								
					79370		75138				852		167.80

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

11 0 56

Type of Ore C-1 Carnotite

AEC LICENSE NO. P-279

Deliveries to Naturita Mill Claim Name Piper No. 3 Period 10-28/11-15-57

Purchased from Neptune Uranium Address Uravan, Colorado

Settlement covering various lots beginning No. 86213 Ending No. 86213

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
14260		13518	1.16	.23	2.0	157	31.09	
NET WEIGHT TONS		DRY WEIGHT TONS						
7.13		6.759						

V205 1.16 % 157 lbs. at .31 Per Lb. $ 48.67

Less High Lime Penalty tons at Per Ton $

Total Value V205 $ 48.67

U308 .23 % 31.09 lbs. at 3.50 Per Lb. $ 108.82

Content at 4 lbs. per ton 27.04 lbs.

Premium for lbs in excess of 4 lbs. per ton 4.05 lbs. at 75c Per Lb. $ 3.04

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 $ 111.86

Development Allowance 31.09 lbs. at 50c Per Lb. $ 15.55

Haulage Allowance at

7.13 tons x 26 miles = 185.380 ton miles @ .06 $ 11.12

TOTAL GROSS VALUE $ 187.20

Less Royalty %V205 ( ) %U308 ( ) $

Less Accounts Receivable $

TOTAL NET PAYMENT $ 187.20

VO. NO. 8679 V$ 154.32 TO: Neptune Uranium Corporation, Uravan, Colorado

VO. NO. 8680 $ 24.08 TO: Lakeside Monarch Mining Co. Moab, Utah (15% V205 & U308)

VO. NO. 8681 $ 8.80 TO: Defense Minerals Exploration Administration, 224 New Custom House, Denver, Colorado (5% V205, U308 & Development)

VO. NO. $ TO:

VO. NO. $ TO:

VO. NO. $ TO:

VO. NO. $ TO:

SIGN AND RETURN THIS COPY

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 contract is questioned for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

DMEA
DEPARTMENT OF THE INTERIOR
MAR 28 1958
REGION III
DENVER, COLORADO

NEPTUNE URANIUM CORPORATION
URAVAN, COLORADO

Seller or Agent

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper Neptune Uranium Address
Claim Piper No 3 A.E.C. No.
District Locality State County
Mileage from Mine to Mill n/a Equip. Rental per wet ton

Type of Ore
Owner of Claim
Leased to
Royalty % V_2O_5 % U_3O_8
Min. Grade % V_2O_5 % U_3O_8 Per Lb.

Form No. VW01-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	Deduct. Allow.	Tot. Val.
11-15	86213		30-1	Shipper	14260	5.4	13518	2.0	1.16	157			.23	31.09				
					14260		13518			157				31.09				

Paid 11-15-57

DMEA
DEPARTMENT OF THE INTERIOR
MAR 28 1958
REGION III
DENVER, COLORADO

n VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

e of Ore C-1 Carnotite — SETTLEMENT SHEET — AEC LICENSE NO. P-279D

iveries to Naturita — Mill Claim Name Piper No. 3 — Period 10-28/11-15-57

chased from Neptune Uranium — Address Uravan, Colorado

lement covering various lots beginning No. 86213 — Ending No. 86213

T WEIGHT OUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
4260		13518	1.16	.23	2.0	157	31.09	

T WEIGHT TONS	DRY WEIGHT TONS
.13	6.759

5 1.16 % 157 lbs. at .31 Per Lb. $ 48.67

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 48.67

.23 % 31.09 lbs. at 3.50 Per Lb. $ 108.82

Content at 4 lbs. per ton 27.04 lbs.

Premium for lbs in excess of 4 lbs. per ton 4.05 lbs. at 75c Per Lb. $ 3.04

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 $ 111.86

pment Allowance 31.09 lbs. at 50c Per Lb. $ 15.55

e Allowance ____ at ____

7.13 tons x 26 miles = 185.380 ton miles @ .06 $ 11.12

GROSS VALUE $ 187.20

alty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

counts Receivable $ ____

NET PAYMENT $ 187.20

8679	$ 154.32	TO: Neptune Uranium Corporation, Uravan, Colorado
8680	$ 24.08	TO: Lakeside Monarch Mining Co. Moab, Utah (15% V205 & U308)
8681	$ 8.80	TO: Defense Minerals Exploration Administration, 224 New Custom House, Denver, Colorado (5% V205, U308 & Development)
	$	TO:
	$	TO:
	$	TO:
	$	TO:

n 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 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, 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 e is contested for any reason. I will accept the amount as shown above as "Total Gross Value" in full settlement.

Seller or Agent

E.703 DMEA 3355

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

March 5, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket No. DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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.
1-1/ 1-27-58	1073	29.632	$61.64	$59.20*	No bonus due	
1-28/2-15-58	2054	28.012	56.06	53.75*	"	"
Totals:		57.644	$117.70	$112.95		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 1164.120

OFFICE FILE COPY
DMEA
RECEIVED MAR 10 1958
DATE | INITIALS | CODE
3/10 | C | 220
" | [illegible] | 700

W. S. King
Executive Officer

HMH
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
Chron

Type of Ore C-1 Carn. AEC License No P-2750

Deliveries to Naturita Mill Claim Name Piper #3 Period 1-1/1-27-58

Purchased from Neptune Uranium Corp.

Settlement covering various lots beginning No. 87539 Ending No. 87743

Wet Weight Pounds	% H2O	Dry Weight Pounds	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
62210		59263	1.45	[illegible]	[illegible]	862	[illegible]
Wet Weight Tons		Dry Weight Tons					
31.1050		29.6315					

UMEA
[illegible] OF THE INTERIOR
FEB 10 1958
REGION III
DENVER, COLORADO

V205 1.45 % 862 lbs. at .31 Per Lb. $ 267.22

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V205 ..... $ 267.22

U308 .36 % 211.76 lbs. at 3.50 Per Lb. $ 741.16

Content at 4 lbs. per ton 118.53 lbs.

Premium for lbs in excess of 4 lbs. per ton 93.23 lbs. at 75c Per Lb. $ 69.92

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 ..... $ 811.08

Development Allowance 211.76 lbs. at 50c Per Lb. $ 105.88

Haulage Allowance ..... at .....

31.1050 tons x 26 miles 808.730 ton miles @ .06 $ 48.52

TOTAL GROSS VALUE ..... $ 1232.70

Less Royalty ..... %V205 ( ) ..... %U308 ( ) ..... $ .....

Less Accounts Receivable ..... $ .....

TOTAL NET PAYMENT ..... $ 1232.70

VO. NO 20301 $ 1011.75 TO: Neptune Uranium Corp., Uravan, Colo.
VO. NO 20302 $ 161.75 TO: Lakeside Monarch Mining Co., Moab, Utah (15% U & V)
VO. NO 20280 $ 59.20 TO: Defense Minerals Exploration Administration,
VO. NO. ..... $ ..... TO: 224 New Custom House,
VO. NO. ..... $ ..... TO: Denver 1, Colo. (5% U & V & Dev.)
VO. NO. ..... $ ..... TO: .....
VO. NO. ..... $ ..... TO: .....
VO. NO. ..... $ ..... TO: .....

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Seller or Agent

E703

VANADIUM CORPORATION OF AMERICA ORE RECORD

Shipper Neptune Uranium Address

Claim Piper #3 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
1/15	87539		34-4	Griffith	14700	4.3	14068	1.2		1.31	184	.32	45.02
1/16	87580		34-4	Griffith	16600	4.0	15936	1.9		.81	129	.16	25.50
23	87685		✓	✓	15750	4.9	14978	1.2		1.57	235	.34	58.41
25	87743		35-6	✓	15160	5.8	14281	1.2		2.20	314	.58	82.83
					47510		45195				678		166.74
			January		62210		54263				862		211.76
							29.63						

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Source of Ore: C-1 Carr

Deliveries to: Naturita Mill Claim Name: Piper #2 Period: 1-28-58

Purchased from: Neptune Uranium Co. Address: Uravan, Colorado

Settlement covering various lots beginning No. 87863 Ending No. 88078

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
59190		56024	1.56	.33	No.L.P.	873	187.04	
NET WEIGHT TONS		DRY WEIGHT TONS						
29.5950		28.0120						

V205 1.56 % 873 lbs. at .31 Per Lb. $ 270.63

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 270.63

U308 .33 % 187.04 lbs. at 3.50 Per Lb. $ 654.64

Content at 4 lbs. per ton 112.05 lbs.

Premium for lbs in excess of 4 lbs. per ton 75.99 lbs. at 75c Per Lb. $ 56.24

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 $ 710.88

Development Allowance 187.04 lbs. at 50c Per Lb. $ 93.52

Haulage Allowance ____ at ____

29.5950 Tons x 26 = 769.470 Ton Miles @ .06 $ 46.17

TOTAL GROSS VALUE $ 1121.20

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable ____ $ ____

TOTAL NET PAYMENT $ 1121.20

VO. NO. 20674 $ 920.22 TO: Neptune Uranium Corp., Uravan, Colo.

VO. NO. 20675 $ 147.23 TO: Lake Side Monarch Mining Co., Moab, Utah (15% U & V)

VO. NO. 20676 $ 53.75 TO: Defense Minerals Exploration Admin.

VO. NO. ____ $ ____ TO: 224 New Custom house, Denver, Colo. (5% V,U,& DEV.)

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 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.

DMEA
DEPARTMENT OF THE INTERIOR
FEB 25 1958
REGION III
DENVER, COLORADO

Seller or Agent

E703

VANADIUM CORPORATION OF AMERICA — ORE RECORD

Shipper: Neptune Uranium Co. Address: 3 Copies

Claim: Piper #3 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. 1 WB1-C6

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 30	87863		36-1	Griffith	15850	5.2	15026	1.3		2.11	317	.48	72.13
2 7	87951		32-2	✓	13610	5.4	12875	2.3		1.78	229	.39	50.24
11	88017		34-4	✓	14800	4.7	14104	1.3		1.28	181	.26	36.67
15	88078		36-1	✓	14930	6.1	14019	1.8		1.04	146	.20	28.04
					59190		56024				873		187.08

Rec'd 1-15-57

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 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation, (Shamrock 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.
	12116	29.213	$55.53	$53.15	No bonus due	

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2/13	C	220
	[illegible]	700

Totals: 29.213 $55.53 $53.15

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 1106.476

[illegible] King
Executive Officer

Chron
cc: DMEA/G.Jct. - w/copy of settlement sheet
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Type of Ore: C-1 Carn

AEC LICENSE NO.: P-2750

Deliveries to: Naturita

Mill Claim Name: Piper #3

Period: 12-16/12-31-57

Purchased from: Keystone Uranium

Address: Uravan, Colo.

Settlement covering various lots beginning No.: 87106

Ending No.: 7231

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
61090		58425	1.42	.32	no [illegible]	827	188.25	
NET WEIGHT TONS		DRY WEIGHT TONS						
30.5450		29.2125						

V205 1.42 % 827 lbs. at .32 Per Lb. $ 256.37

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 256.37

U308 .32 % 188.25 lbs. at 3.50 Per Lb. $ 658.88

Content at 4 lbs. per ton 116.85 lbs.

Premium for lbs in excess of 4 lbs. per ton 71.40 lbs. at 75c Per Lb. $ 53.55

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 $ 712.43

Development Allowance 188.25 lbs. at 50c Per Lb. $ 94.13

Haulage Allowance ____ at ____

30.5450 Tons X 26 Miles- 794.170 Ton Miles .06 $ 47.65

TOTAL GROSS VALUE $ 1110.58

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable $ ____

TOTAL NET PAYMENT $ 1110.58

VO. NO.	$	TO: Keystone Uranium Corp., Uravan, Colo.
VO. NO. 19850	$ 912.11	TO: Lakeside Memorab Mining Co., Moab, Utah (15% V&U)
VO. NO. 19851	$ 145.32	TO: Defense Minerals Exploration Administration, 2% Box Custom House, Denver 1, Colo. (5% V, U, & B.)
VO. NO. 19852	$ 53.15	TO:
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 am the [illegible] 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.

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REGION III
DENVER, COLORADO

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D.M.E.A.

Seller or Agent

15703

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Form No. VW61-C4

Date 1957	Lot No.	Claim	Stock-pile No.	Hauler	Gr P
1-21	87104		30-1	Griffith	1
27	87183		✓	✓	16
28	87200		✓	✓	14
31	87231		✓	✓	14
					6

December 9

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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 3355 (Uranium) Contract Idm-E703 Neptune Uranium Corporation (Shamrock 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.
11-15/11-27-57		13.860	$13.79	$12.66*	No bonus due	
11-28/12-15-57		14.991	25.34	24.11*	"	
Totals:		28.851	$39.13	$36.77		

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200

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 1077.263

W H King
Executive Officer

Chron
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Neptune Uranium Address:
Claim: Piper No 3 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:
Leased to:
Royalty: % V_2O_5:
Min. Grade: % V_2O_5: % U_3O_8:

Form No. VW61-C4

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
1957																
12/21	87108		30-1	Griffith	15780	4.4	15086	1.8	1.33	201			.28	42.24		
27	87183		✓	✓	16270	4.9	15475	1.5	1.96	303			.47	72.82		
28	87200		✓	✓	14210	4.4	13585	2.3	.75	99			.14	19.02		
31	87231		✓	✓	14830	3.7	14281	1.9	1.57	224			.38	54.27		
					61090		58425			827				188.75		
				December	92500		88400			1264				270.73		
							44.20									

RECEIVED FEB 13 1958

DATE	INITIALS	CODE

E 703

VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Type of Ore: C-1 Carnotite

AEC LICENSE NO. R-2790

Deliveries to: Naturite Mill Claim Name: Piper No. 3 Period: 11-15/11-27-57

Purchased from: Keystone Uranium Address: Uravan, Colorado

Settlement covering various lots beginning No. 86367 Ending No. 86516

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
29010		27719	.97	.17486	No LP	270	48.47	
NET WEIGHT TONS		DRY WEIGHT TONS						
14.505		13.8595						

V205 .97 % 270 lbs. at .31 Per Lb. $ 83.70

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 83.70

U308 .17486 % 48.47 lbs. at 2.9972 Per Lb. $ 145.27

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 $ 145.27

Development Allowance 48.47 lbs. at 50c Per Lb. $ 24.24

Haulage Allowance ____ at ____

~~XXX 14.505 Tons x 26 Miles = 377.130 Ton Miles @ .06~~ $ 22.63

TOTAL GROSS VALUE $ 275.84

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable ____ $ ____

TOTAL NET PAYMENT $ 275.84

VO. NO. 19213 $ 228.83 TO: Keystone Uranium Corp. Uravan, Colorado

VO. NO. 19214 $ 34.35 TO: Lakeside Monarch Mining Co., Moab, Utah (15% V205 & U308)

VO. NO. 19198 $ 12.66 TO: Defense Minerals Exploration Adm., 224 New Customs House, Denver 2, Colorado 5% V205, U308 & Development)

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

E 703

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Form No. VW51-C6

Shipper: Neptune Uranium Address:
Claim: Piper No 3 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:

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	Devel Allow.	Total Value
11/21	86367		27-2	Shipper	14350	4.3	13733	2.1	1.08	148			.19	26.09				
27	86516				14660	4.6	13986	2.1	.87	122			.16	22.38				
					29010		27719			270				48.47				
	November				43270		41237			427				79.56				

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Form VW 56-C1

VANADIUM CORPORATION OF AMERICA

Durango, Colorado

SETTLEMENT SHEET

Type of Ore: C-1 Cars

AEC LICENSE NO. F-2790

Deliveries to: Naturita

Mill Claim Name: Piper No. 2 3

Period: 11-28/12-13-57

Purchased from: Neptune Uranium

Address: Uravan, Colorado

Settlement covering various lots beginning No. 86853

Ending No. 86886

NET WEIGHT POUNDS	% H20	DRY WEIGHT POUNDS	% V205	% U308	% CaC03	CONTAINED POUNDS V205	U308	CaC03
31430		29981	1.46	.28	no LP	437	82.48	
NET WEIGHT TONS		DRY WEIGHT TONS						
15.705		14.9905						

V205 1.46 % 437 lbs. at .31 Per Lb. $ 135.47

Less High Lime Penalty ____ tons at ____ Per Ton $ ____

Total Value V205 $ 135.47

U308 .28 % 82.48 lbs. at 3.50 Per Lb. $ 288.68

Content at 4 lbs. per ton 59.96 lbs.

Premium for lbs in excess of 4 lbs. per ton 22.52 lbs. at 75c Per Lb. $ 16.89

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 $ 305.57

Development Allowance 82.48 lbs. at 50c Per Lb. $ $ 41.24

Haulage Allowance at

15.705 Tons X 26 Miles = 408.330 Ton Miles .06 $ 24.50

TOTAL GROSS VALUE $ 506.78

Less Royalty ____ %V205 ( ) ____ %U308 ( ) ____ $ ____

Less Accounts Receivable $ ____

TOTAL NET PAYMENT $ 506.78

VO. NO. 14582 $ 416.51 TO: Neptune Uranium Corp., Uravan, Colo.

VO. NO. ____ $ ____ TO: ____

VO. NO. 14583 $ 66.16 TO: Lakeside Monarch Mining Co., Moab, Utah (15% F&S)

VO. NO. ____ $ ____ TO: ____

VO. NO. 14584 $ 24.11 TO: Defense Minerals Exploration Administration, 224 New Custom House, Denver 1, Colo. (5% V,U,AD)

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.

DEC 26 1957

REGION III

DENVER, COLORADO

Seller or Agent

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Neptune Uranium Address:
Claim: Piper No 3 A.E.C. No.
District: Locality: State: County:
Mileage from Mine to Mill: Equip. Rental: per wet ton

Type of Ore:
Owner of Ore:
Leased to:
Royalty:
Min. Grade:

Form No. VW51-C4

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	Uran. Pounds
1957														
12 1	86853		31-4	Griffith	15720	5.3	14887	1.6	1.30	194			.26	[illegible]
13	86884		/	/	15690	3.8	15094	1.5	1.61	243			.29	[illegible]
					31410		29981			437				

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U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

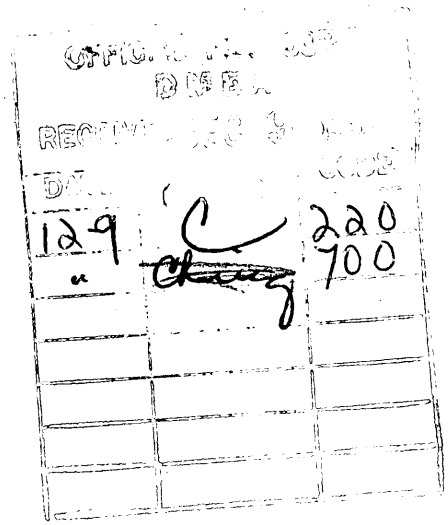
December 5, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, **Docket DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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.
11/5	7659	54.966	$78.84	$78.84	No bonus due	



Totals:	54.966	$78.84	$78.84

Past Due Royalties Collected **None**

Total Dry Tons (Ore or Cons.) Shipped to Date 1048.406

W. H. King
Executive Officer

Chron
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

2

(9)

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Grand Junction, Colorado, Nov 5, 1957
Liquidation No. 7659 Lot No. see load detail Shippers Lot No.
Bought of Neptune Uranium Corp. A.E.C. License No. P 2750
Address Uravan, Colorado.
Type of Ore Carnotite Date Received 10-16 10-31-57
Mining Claim Viper #3 Mining District Paradox Carpenter & Lato 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	$CaCO_3$
	115440	5.6	109932.64	0.24	1.30		265.62	1414.63	

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	265.62	3.50	54.97		929.67	
Development Allowance	265.62	.50	54.97		132.81	
Excess 4 lbs. per ton Premium	45.74	.75	54.97		34.34	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1096.79
V205 Payment	1414.63	.31	54.97		438.54	
Total V205 Payment						438.54
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 57.72 Wet Tons @ .06 per wet ton mile						41.56
Total U3O8, V2O5 and Haulage Payment						1576.89

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UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 10-16 10-31-57

NAME Neptune Uranium Corp. ADDRESS Uravan, Colo.

CLAIM Piper #3

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
10-24	107145	11440		4.3	10948.08	0.26	28.47	1.13	123.71
10-25	107255	14560		3.4	14064.96	0.32	45.01	1.14	160.34
10-26	107350	14360		4.3	13742.52	0.16	21.99	1.12	153.92
10-26	107376	13920		5.2	13196.16	0.23	30.35	1.10	145.16
10-28	107562	15480		4.6	14767.92	0.30	44.30	1.39	205.27
10-30	107765	16200		4.7	15438.60	0.23	35.51	1.37	211.51
10-30	107808	14040		5.0	13338.00	0.19	25.34	1.41	188.07
10-31	107937	15440		6.5	14436.40	0.24	34.65	1.57	226.65
		115440		5.6	109932.64	0.24	265.62	1.39	1414.63

TOTAL

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U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

November 6, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation (Shamrock Group) Montrose County, Colorado
Period: October 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.
10/4/57	7599	7.544	$13.24	$13.24	No bonus due	
10/21/57	7632	35.250	77.42	77.42	"	"
Totals:		42.794	$90.66	$90.66		

11-8 C 220
11-8 ~~check~~ 700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 993.440

E. M. Hardman
Acting Executive Officer

Chron
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, Oct. 4, 1957
Liquidation No. 7599 — Lot No. 104713 — Shippers Lot No.
Bought of Western Uranium Corp. — A.E.C. License No. F 2750
Address Uravan, Colo.
Type of Ore Carnotite — Date Received 9-28-57
Mining Claim Piper #3 — Mining District Paradox, Carpenter Flats — 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	$CaCO_3$
	15240	1.0	15087.60	0.31	1.15		46.77	173.51	

PRICED PER A.E.C. CIRCULAR NO. 57 revised

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	46.77	3.50	7.54		163.70	
Development Allowance	46.77	.50	7.54		23.39	
Excess 4 lbs. per ton Premium	16.61	.75	7.54		12.46	
Excess 10 lbs. per ton Premium						
Total U308 Payment						199.55
V205 Payment	173.51	.31	7.54		53.79	
Total V205 Payment						53.79
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 7.62 Wet Tons @ 1.50 per wet ton ~~mile~~						11.43
Total U3O8, V2O5 and Haulage Payment						264.77

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UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 9-1 9-30-57

NAME Neptune Uranium Corp. ADDRESS Uravan, Colorado

CLAIM Pinon #3

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 $CaCO_3$
9-28	1411	1524	1.0	1387.60	0.31	46.77	1.15	173.51	2.3	

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DATE	INITIALS	CODE

DMEA
DEPARTMENT OF THE INTERIOR
OCT 11 1957
REGION III
DENVER, COLORADO

TOTAL

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2 - Q.U. -

UNION CARBIDE NUCLEAR COMPANY
Division of Union Carbide Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colo. Grand Junction, Colorado, Oct 21, 1957
Liquidation No. 7632 Lot No. see load detail Shippers Lot No.
Bought of Neptune Uranium Corp. A.E.C. License No. P 2750
Address Uravan, Colo
Type of Ore Carnotite Date Received 10-1 10-15-57
Mining Claim Piper #3 Mining District Paradox, Carpenter Flats 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	$CaCO_3$
	72760	3.1	70499.64	0.37	1.63		261.91	1147.04	

PRICED PER A.E.C. CIRCULAR NO. 5 (revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	261.91	3.50	35.25		916.69	
Development Allowance	261.91	.50	35.25		130.96	
Excess 4 lbs. per ton Premium	120.91	.25	35.25		90.68	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1138.33
V205 Payment	1147.04	.31	35.25		355.58	
Total V205 Payment						355.58
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 36.38 Wet Tons @1.50 per wet ton ~~mile~~						54.57
Total U3O8, V2O5 and Haulage Payment						1548.48

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, Division of Union Carbide Corporation.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Union Carbide Nuclear Company, Division of Union Carbide 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 9884	Date 10-15-57
Approved for Payment	

Seller or Agent

1000 SENTINEL PRINTING CO.

E703

8-57 5M SENTINEL PRINTING CO.

UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

INSERT GRADE

PERIOD 10-1 10-15-57

NAME Neptune Uranium ADDRESS Uravan, Colo.

CLAIM Piper #3

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
10-4	105264	15440	1116457	2.0	15131.20	0.41	62.04	1.54	233.02
10-7	105438	17200	1122457	3.1	16666.80	0.38	63.33	1.80	300.00
10-9	105664	14800	1128457	2.3	14459.60	0.30	43.38	1.40	202.43
10-12	105980	15360	1131457	4.1	14730.24	0.40	58.92	1.69	248.94
10-14	106133	9960	✓	4.5	9511.80	0.36	34.24	1.71	162.65
		72760		3.1	70499.64	0.37	261.91	1.63	1147.04

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

October 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation (Shamrock Group) Montrose County, Colorado
Period: September 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.
6/27-8/27/57		156.653	$225.28	$225.28	No bonus due	
Totals:		156.653	$225.28	$225.28		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 950.646

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DMEA
RECEIVED OCT 11 1957

DATE	INITIALS	CODE
10/11	B	220
"	[illegible]	700

E. M. Hawkins
Acting Executive Officer

cc: Chron
Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

Form VW 53-C1

VANADIUM CORPORATION OF AMERICA
Durango, Colorado

8 0 108

Type of Ore C-1 Carn

SETTLEMENT SHEET

AEC LICENSE NO. P-2750

Deliveries to Naturita Mill Claim Name Piper No. 3 Period 6-27/8-27-57

Purchased from Neptune Uranium Address Box 927, Denver, Colorado

Settlement covering various lots beginning No. 83106 Ending No. 84125

NET WEIGHT POUNDS	% H2O	DRY WEIGHT POUNDS	% V2O5	% U3O8	% CaCO3	CONTAINED POUNDS V2O5	U3O8	CaCO3
328190		313306	1.14	.26	no LP	3574	814.24	
NET WEIGHT TONS		DRY WEIGHT TONS						
164.095		156.6530						

DMEA
PARTMENT OF THE INTERIOR
SEP 11 1957
REGION III
DENVER, COLORADO

V2O5 1.14 % 3574 lbs. at .31 Per Lb. $ 1107.94

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V2O5 ..... $ 1107.94

U3O8 .26 % 814.24 lbs. at 3.50 Per Lb. $ 2849.84

Content at 4 lbs. per ton 626.61 lbs.

Premium for lbs. in excess of 4 lbs. per ton 187.63 lbs. at 75c Per Lb. $ 140.72

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 ..... $ 2990.56

Development Allowance 814.24 lbs. at 50c Per Lb. ..... $ 407.12

Haulage Allowance VCA Hauled at .....

..... $ .....

TOTAL GROSS VALUE ..... $ 4505.62

Less Royalty ..... %V2O5 ( ) ..... %U3O8 ( ) ..... $ .....

Less Accounts Receivable Neptune Uranium (Gyp Valley Mining) $ 22.37

TOTAL NET PAYMENT ..... $ 4483.25

CHECK NO. 17455 5% V&U $ 204.93 TO: Neptune Uran Corp., Box 927, Denver, Colo
CHECK NO. 17456 25% V&U $1024.63 TO: Warren Oil & Uran, 416-20, 1st Nat'l Bank, Denver
CHECK NO. 17432 15% V&U $ 614.78 TO: Lakeside Monarch Min. Co., Moab, Utah
CHECK NO. 17433 5% V,U,&D $ 225.28 TO: DMEA, 224 New Customhouse, Denver, Colo
CHECK NO. 17457 50% V&U 95% $2413.63 TO: Gypsum Valley Min. Co. 1505 No. 23rd, Gr. Jct., Co.

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, 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.

E 703

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation, (Shamrock 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.
6/16-6/27/57		58.154	$80.49	$80.49	No bonus due	
Totals:		58.154	$80.49	$80.49		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 793.993

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DMEA
RECEIVED AUG 9 1957

DATE	INITIALS	CODE
8/9	O.K.	220
"	Chang	700

E. M. Hawkman
Acting Executive Officer

Chron
cc: Royalty File E 703 w/settlement sheets
~~Monthly Royalty Payment File~~
hmh

Denver, Colorado

Type of Ore: Carnotite — SETTLEMENT SHEET — AEC LICENSE NO.

Deliveries to: Rifle Co. — Mill Claim Name: Pepe No. 3 — Period: 8-16/8-27-57

Purchased from: Neptune Uran Corp. — Address: Box 929 - Denver, Colo

Settlement covering various lots beginning No. 82900 — Ending No. 83099

NET WEIGHT POUNDS	% H2O	DRY WEIGHT POUNDS	% V2O5	% U3O8	% CaCO3	CONTAINED POUNDS V2O5	U3O8	CaCO3
120600		116308	.89	.26	Nil	1037	307.94	
NET WEIGHT TONS		DRY WEIGHT TONS						
60.30		58.154						

V2O5 .89 % 1037 lbs. at .31 Per Lb. $ 321.47

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V2O5 ..... $ 321.47

U3O8 .26 % 307.94 lbs. at 3.50 Per Lb. $ 1077.79

Content at 4 lbs. per ton 232.62 lbs.

Premium for lbs. in excess of 4 lbs. per ton 75.32 lbs. at 75c Per Lb. $ 56.49

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 ..... $ 1134.28

Development Allowance 307.94 lbs. at 50c Per Lb. $ 153.97

Haulage Allowance ..... at .....

VCA hauled $ —

TOTAL GROSS VALUE ..... $ 1609.72

Less Royalty ..... %V2O5 ( ) ..... %U3O8 ( ) $ .....

Less Accounts Receivable ..... $ .....

TOTAL NET PAYMENT ..... $ 1609.72

RECEIVED AUG 9 1957 D.M.E.A.

CHECK NO. 16246 5% U+U $ 72.79 TO: Neptune Uran Corp. Box 929, Denver

CHECK NO. 16247 25% V+U $ 363.94 TO: Warren Oil & Uran 416 1st Nat'l Bank Denver

CHECK NO. 16248 15% V+U $ 218.36 TO: Lakeside Mineral Min Co, Moab Ut.

CHECK NO. 16249 5% V+U $ 80.49 TO: D M & A, 224 New Customhouse Denver

CHECK NO. 16250 25% V+U $ 814.14 TO: Bypass Valley Min Co, 1605 N. 23rd Grand Jct.

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.

cc: Robert Daniels, D Rood

Montrose Daily Press 1-57-2m — Grand Junction

Seller or Agent

E 783

DMEA
PARTMENT OF THE INTERIOR
JUL 11 1957
REGION III
DENVER, COLORADO

VANADIUM CORPORATION OF AMERICA
ORE RECORD

Shipper: Neptune Uranium Address:
Claim: Piper No 3 A.E.C. No.:
District: Locality: State: County:
Mileage from Mine to Mill: 35 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. 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	Devel. Allow.	Total Value	Balance	$CaCO_3$ Pounds
6 19	82900	Piper #3	21-1	8-147	19940	3.0	19342	2.4	.73	141			.23	44.49						
26	83057	—	—	8-147	20300	3.0	19691	2.1	1.09	215			.34	66.95						
26	83058	—	—	8-74	20130	4.5	19224	1.9	1.01	194			.32	61.52						
27	83090	—	—	8-74	19280	4.3	18451	2.3	.88	162			.25	46.13						
27	83091	—	—	8-147	20260	3.6	19531	2.3	.97	189			.27	52.73						
27	83099	—	—	8-147	20690	3.0	20069	2.2	.68	136			.18	36.12						
					120600		116308			1037				307.94						
				None	334300		321989			2870				855.16						

RECEIVED AUG 9 1957 D.M.E.A.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

July 9, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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.
5/28/6/15/57		102.841	$142.95	$142.95	No bonus due	

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DMEA
RECEIVED AUG 8 1957

DATE	INITIALS	CODE
8/8	P.K.	220
"	[illegible]	700

U. S. BUREAU OF MINES
SOUTHWEST EXPERIMENT STATION
JUL 15 1957
TUCSON, ARIZONA

Totals:	102.841	$142.95	$142.95

Past Due Royalties Collected none

Total Dry Tons (Ore or Cons.) Shipped to Date 735.839

W S King
Executive Officer

Chron.
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
hmh

Type of Ore: Carnotite

SETTLEMENT SHEET

AEC LICENSE NO.

Deliveries to Naturita Mill Claim Name Caper #3 Period 5-25 thru 6-2-57

Purchased from Neptune Uran. Corp. Address Box 927 Denver, Colo

Settlement covering various lots beginning No. 82807 Ending No. 82815

NET WEIGHT POUNDS	% H2O	DRY WEIGHT POUNDS	% V2O5	% U3O8	% CaCO3	CONTAINED POUNDS V2O5	U3O8	CaCO3
213700		205681	.89	.27		1833	547.22	
NET WEIGHT TONS		DRY WEIGHT TONS						
106.85		102.8405						

V2O5 .89 % 1833 lbs. at .31 Per Lb. $ 568.23

Less High Lime Penalty ..... tons at ..... Per Ton $ .....

Total Value V2O5 ..... $ 568.23

U3O8 .27 % 547.22 lbs. at 3.50 Per Lb. $ 1915.27

Content at 4 lbs. per ton 411.36 lbs.

Premium for lbs. in excess of 4 lbs. per ton 135.86 lbs. at 75c Per Lb. $ 101.90

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 ..... $ 2017.17

Development Allowance 547.22 lbs. at 50c Per Lb. $ 273.61

Haulage Allowance ..... at .....

Kremer + UCA Road $ .....

TOTAL GROSS VALUE ..... $ 2859.01

Less Royalty ..... %V2O5 ( ) ..... %U3O8 ( ) ..... $ .....

Less Accounts Receivable ..... $ .....

TOTAL NET PAYMENT ..... $ 2859.01

CHECK NO. 16026 $ 129.27 TO: Neptune Uran. Corp. Box 927 - Denver (5% U+V)
CHECK NO. 16027 $ 646.35 TO: Warren Oil & Uran. - 416 1st Natl Bank - Denver (25% Roy)
CHECK NO. 16028 $ 387.81 TO: Lakeside Monarch Min. Co. - Moab Ut (15% U+V)
CHECK NO. 16029 $ 142.95 TO: A.M.E.A. 224 Custom House, Denver (5% U+V)
CHECK NO. 16030 $ 1562.63 TO: Gypsum Valley Min. Co. 1605 No. 23rd Grand Jct. Colo (50% U+V)

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.

cc: Robert Daniels, 2 Road, Grand Jct.

Montrose Daily Press 1-57-2m

Seller or Agent

RECEIVED AUG 8 D.M.E.A.

8703

DMEA
PARTMENT OF THE INTERIOR
JUN 26 1957
REGION III
DENVER, COLORADO

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 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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.
4/24/57	7268	11.720	$17.38	$17.38	No bonus due	
Totals:		11.720	$17.38	$17.38		

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DMEA
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DATE		CODE
6/13	7429	220
"	~~Chong~~	700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 632.998

C. H. King
~~Acting~~ Executive Officer

vj

cc: Konselman (2) w/settlement sheet
Royalty File E 703 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.: 9268 Lot No.: See Lead Detail Shippers Lot No.:
Bought of: Neptune Uran. Co. A.E.C. License No.: 2750
Address: Uravan Colo.
Type of Ore: Carnotite Date Received: 4-1 4-15-57
Mining Claim: Piper #2 Mining District: Paradox Carpenter Flat 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					
	24380	3.9	23439.66	0.27	1.01	—	63.29	236.68	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	63.29	3.50	11.72		221.52	
Development Allowance	63.29	.50	11.72		31.65	
Excess 4 lbs. per ton Premium	16.41	.75	11.72		12.31	
Excess 10 lbs. per ton Premium						
Total U308 Payment						265.48
V205 Payment	236.68	.31			73.37	
Total V205 Payment						73.37
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 12.19 Wet Tons @ .06 per wet ton mile						8.78
Total U3O8, V2O5 and Haulage Payment						347.63

E 703

Sal 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 Keystone Uranium Co. ADDRESS Uravan, Colo

CLAIM Tyler #2

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
4-11	87587	14680	358457	3.3	14195.56	0.27	38.33	0.99	140.54
4-12	87682	9700		4.7	9244.10	0.27	24.96	1.04	96.14
		24380		3.9	23439.66	0.27	63.29	1.01	236.68

TOTAL

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RECEIVED JUN 13 1957

DATE	INITIALS	CODE

E 703

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DMEA
RECEIVED MAR 11 1957

DATE	INITIALS	CODE
3/11	C	220
"		700

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 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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.
2/5/57	7070	18.822	$27.18	$27.18	No bonus due	

Totals: 18.822 $27.18 $27.18

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 621.278

E. M. Hirschman
for W. M. Traver

vj
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

18
2

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. 7070 Lot No. See Road Detail Shippers Lot No.
Bought of Neptune Uranium Corp. A.E.C. License No. 2750
Address Uravan, Colo.
Type of Ore Carnotite Date Received 1-15 1-31-57
Mining Claim Sparrow #3 Mining District Paradox Carpenter Flat 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	$CaCO_3$
	39700	4.0	37644.00	0.73	1.48	–	87.10	555.80	–

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	87.10	3.50	18.87		304.85	
Development Allowance	87.10	.50	18.87		43.55	
Excess 4 lbs. per ton Premium	11.87	.75	18.87		8.87	
Excess 10 lbs. per ton Premium						
Total U308 Payment						357.27
V205 Payment	555.80	.31			172.30	
Total V205 Payment						172.30
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 17 Miles 19.60 Wet Tons @ .06 per wet ton mile						14.11
Total U3O8, V2O5 and Haulage Payment						543.68

E703

Form 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 1-15-57 1-31-57

NAME Neptune Uranium ADDRESS Uravan Colo

CLAIM Shamrock #3

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
1-16	79780	12440	43457	5.3	11780.68	0.19	22.38	1.16	136.66
1-20	80111	13720	54457	5.3	12992.84	0.30	38.98	1.74	226.08
1-25	80541	13040	65457	1.3	12870.48	0.20	25.74	1.50	193.06
		39200		4.0	37644.00	0.23	87.10	1.48	555.80

RECEIVED MAR 11 1957 D.M.E.A.

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorad

Date: February 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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~~ Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
12/20	6982	23.033	$68.14	$68.14	No bonus due	
1957						
1/4	7009	32.360	67.54	67.54		
1/21	7035	18.192	40.38	40.38		
Totals:		73.585	$176.06	$176.06		

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D M E A
RECEIVED 11 1957

DATE	INITIALS	CODE
2/12	C	226
1.	~~Chang~~	700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 602.456

W. M. Traver
W. M. Traver

vj
cc: Royalty File E 703 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, Colorado — Uravan, Colorado, Dec. 20, 1956
Liquidation No.: 6982 — Lot No.: See Load Detail — Shippers Lot No.:
Bought of: Neptune Uranium Corp. — A.E.C. License No.: 2750
Address: Uravan, Colo.
Type of Ore: Carnotite — Date Received: 12-1 12-15-56
Mining Claim: Shamrock #3 — Mining District: Paradox-Carpenter Flat — 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 $CaCO_3$
	48720	5.4	46066.24	Approx. Average 0.51	1.82	—	237.19	837.85	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	237.19	3.50	23.03		830.17	
Development Allowance	237.19	.50	23.03		118.60	
Excess 4 lbs. per ton Premium	145.07	.75	23.03		108.80	
Excess 10 lbs. per ton Premium	6.89	.25	23.03		1.72	
Total U308 Payment						1059.29
V205 Payment	837.85	.31			259.73	
Total V205 Payment						259.73
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 24.36 Wet Tons @1.80 per wet ton rate						43.85
Total U3O8, V2O5 and Haulage Payment						1362.87

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	5111	Date	12-20-56
Check Number	5111	Date	12-20-56
Approved for Payment			

Seller or Agent

RECEIVED FEB 11 1957 D.M.E.A.

E703

DAILY SENTINEL COM'L PTG. DEPT.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station: Uravan, Colo.
Uravan, Colorado, Jan 7, 1957
Liquidation No. 7009
Lot No. See Load Detail
Shippers Lot No.
Bought of: Neptune Uranium Corp.
A.E.C. License No. E-2750
Address: Uravan, Colo.
Type of Ore: Carnotite
Date Received: 12-16 12-31-56
Mining Claim: Shamrock #3
Mining District: Paradox, Carpenter Flats
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					
	67360	3.9	64719.44	0.35	1.58	—	227.62	1019.57	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	227.62	3.50	32.36		796.67	
Development Allowance	227.62	.50	32.36		113.81	
Excess 4 lbs. per ton Premium	98.18	.75	32.36		73.64	
Excess 10 lbs. per ton Premium						
Total U308 Payment						984.12
V205 Payment	1019.57	.31			316.07	
Total V205 Payment						316.07
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 33.68 Wet Tons @ 1.50 per wet ton						50.52
Total U3O8, V2O5 and Haulage Payment						1350.71

E703

Loose-Leaf the Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

JEDDAH, COLORADO

PURCHASE ORE LOAD DETAIL

INSERT GRADE

PERIOD 12/1/56 12/31/56

NAME VERTINE HAMLIN ADDRESS JEDDAH COLO.

CLAIM SHAMROCK #5

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
12-5	77626	13920	844456	5.4	13168.32	0.56	73.74	2.01	264.66
12-7	77196	13640	847456	5.5	12889.80	0.54	69.60	1.54	199.30
12-11	77476	9240	✓	5.5	8731.90	0.61	53.26	2.16	188.61
12-13	77682	11920	858456	5.4	11276.32	0.36	40.59	1.65	186.06
		48720		5.4	46066.24	0.51	237.19	1.81	837.53

TOTAL

RECEIVED FEB 11 1957 D.M.E.A.

E 703

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 NEPTUNE URAN. CORP. ADDRESS URAVAN COLO.

CLAIM SHAMROCK #3

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
12-16	77868	10240	878456	4.8	9748.48	0.51	49.72	1.91	186.20
12-19	78018	10880	883456	4.4	10401.28	0.31	32.24	1.26	131.06
12-21	78147	11440	887456	5.0	10868.00	0.48	52.17	2.57	279.31
12-28	78551	11520	894456	0.8	11427.84	0.09	10.29	0.65	74.28
12-30	78725	12280	899456	4.7	11702.84	0.44	51.49	1.67	195.44
12-31	78807	11000	900456	3.9	10571.00	0.30	31.71	1.45	153.28
		67360		3.9	64119.44	0.35	227.64	1.58	1019.57

TOTAL

18
2

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colo. Uravan, Colorado, Jan 21 1957
Liquidation No. 7035 Lot No. See Food Detail Shippers Lot No.
Bought of Neptune Uranium Corp A.E.C. License No. 2150
Address Uravan Colo.
Type of Ore Carnotite Date Received 1-1 1-15-57
Mining Claim Shamrock 43 Mining District Paradox - Carpenter Flat 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 $CaCO_3$
	38370	5.1	36383.44	approx average 0.38	1.52	—	139.38	552.51	—

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	139.38	3.50	18.19		487.83	
Development Allowance	139.38	.50	18.19		69.69	
Excess 4 lbs. per ton Premium	66.62	.75	18.19		49.97	
Excess 10 lbs. per ton Premium						
Total U308 Payment						607.49
V205 Payment	552.51	.31			171.28	
Total V205 Payment						171.28
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ___ Miles 19.16 Wet Tons @ 1.50 per wet ton ~~mile~~						28.74
Total U3O8, V2O5 and Haulage Payment						807.51

RECEIVED FEB 11 1957 D.M.E.A.

E703

1-56-[illegible] [illegible]inel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchased Ore LOAD DETAIL

PERIOD 1-1-57 1-15-57

NAME Neptune Uranium Co. ADDRESS Uravan Colo

CLAIM Shamrock #3

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 $CaCO_3$
1-9	79403	12760	5.3	11089.92	0.29	35.04	1.47	177.63	1.7	
1-10	79439	12520	5.9	11781.32	0.62	73.04	1.62	190.86	1.7	
1-15	79703	13040	4.0	12518.40	0.25	31.30	1.47	184.02	1.4	
		38320	5.1	36383.44	0.38	139.38	1.54	552.51		

RECEIVED FEB 11 1957 D.M.E.A.

TOTAL

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorad

Date: January 18, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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.
12/5/56	6964	19.339	$48.84	$48.84	No bonus due	
Totals:		19.339	$48.84	$48.84		

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DMEA
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DATE	INITIALS	CODE
1-24	C	220
		700

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 528.871

W. M. Traver

W. M. Traver

vj
cc: Royalty File E703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

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.: 6963 Lot No.: See Lot Detail Shippers Lot No.:
Bought of: Neptune Uranium Corp A.E.C. License No.: 2750
Address: Uravan, Colo.
Type of Ore: Carnotite Date Received: 11-16 thru 11-30-56
Mining Claim: Shamrock 3 Mining District: Paradox - Carpenter Flat 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 $CaCO_3$
	40320	4.1	38677.96	Approx Average 0.44	1.69	—	168.28	652.16	—

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	168.28	3.50	19.34		588.98	
Development Allowance	168.28	.50	19.34		84.14	
Excess 4 lbs. per ton Premium	40.92	.75	19.34		68.19	
Excess 10 lbs. per ton Premium						
Total U308 Payment						741.31
V205 Payment	652.16	.31			202.17	
Total V205 Payment						202.17
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance ——— Miles 20.16 Wet Tons @ 1.65 per wet ton						33.26
Total U3O8, V2O5 and Haulage Payment						976.74

E703

50—Sal. Inc. Sentinel Printers

UNION CARBIDE NUCLEAR COMPANY

A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

13

INSERT GRADE

PERIOD 11-16-56 11-30-56

NAME Victor Uranium ADDRESS Uravan Colo.

CLAIM Kermack #2

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
11-27	76421	12040	808456	4.1	11546.36	0.40	46.19	1.63	188.21
11-29	76603	15760	813456	4.2	14523.28	0.45	65.35	1.71	248.35
11-29	76640	13120	✓	3.9	12608.32	0.45	56.74	1.71	215.60
		40320		4.1	38677.96	0.44	168.28	1.69	652.16

TOTAL

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JAN 1957
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JAN 1957
D.M.E.A.

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JAN 24 1957
D.M.E.A.

11-13-56

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED NOV 13 1956 D.M.E.A.

224 New Customhouse
Denver 2, Colorado

Date: November 8, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock 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	6845	4.666	$12.83	$12.83		
Totals:		4.666	$12.83	$12.83		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 509.532

W. M. Traver

W. M. Traver

vj
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

RECEIVED NOV 13 1956 D.M.E.A.

Receiving Station: Uravan, Colo. Uravan, Colorado, Sept. 13 1956
Liquidation No. 6845 Lot No. 70242 Shippers Lot No.
Bought of Neptune Uranium Corp. A.E.C. License No. 2750
Address: Uravan, Colo.
Type of Ore: Carnotite Date Received: 9-1-56
Mining Claim: Shamrock Mining District: Paradox - Carpenter Flat 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	$CaCO_3$
	9680	3.6	9331.52	0.37	3.43		34.53	320.07	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	34.53	3.50	4.67		120.86	
Development Allowance	34.53	.50	4.67		17.27	
Excess 4 lbs. per ton Premium	15.85	.75	4.67		11.89	
Excess 10 lbs. per ton Premium						
Total U308 Payment						150.02
V205 Payment	320.07	.31			99.22	
Total V205 Payment						99.22
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 4.84 Wet Tons @ 1.50 per wet ton ~~mile~~						7.26
Total U3O8, V2O5 and Haulage Payment						256.50

E703

OCT 12 1956

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED
OCT 12 1956

224 New Customhouse
Denver 2, Colorado

Date: October 9, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock Group), Montrose County, Colorado

Period: September, 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.
9/5/56	6820	5.094	$12.10	$12.10	No bonus due	

Totals: 5.094 $12.10 $12.10

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 504.866

E. M. Hausman
for W. M. Traver

vj
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

RECEIVED
OCT 1 3 1956

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Vernon, Colorado — Grand Junction, Colorado — September 5, 19 56
Liquidation No. 6820 — Lot No. 94-19337 — Shipper Lot No.
Bought of Western Uranium Corp. — A.E.C. License No. P-2750
Address Ophir, Colorado
Type of Ore Carnotite
Date Received 8-18-56
Mining Claim Shenandoah — Mining District Paradox Uravan Gibbs — 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	$CaCO_3$
	10680	4.6	10188.96	0.37	2.22		37.70	226.19	

PRICED PER A.E.C. CIRCULAR NO. (Withdrawn)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	37.70	3.50	5.09		131.95	
Development Allowance	37.70	.50	5.09		18.85	
Excess 4 lbs. per ton Premium	17.34	.75	5.09		13.01	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						163.81
V2O5 Payment	226.19	.31	5.09		70.12	
Total V2O5 Payment						70.12
Less High Lime Penalty over 6% CaCO3						
Less Penalty						
___% ___% ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 5.54 Wet Tons @ 1.50 per wet ton						8.01
Total U3O8, V2O5 and Haulage Payment						241.94

DIV. A
DEPARTMENT OF THE INTERIOR
SEP 11 1956
REGION III
DENVER, COLORADO

E 703

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED
SEP 13 1956

224 New Customhouse
Denver 2, Colorado

Date: September 11, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock Group), Montrose County, Colorado
Period: August, 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.
8/3/56	6777	5.557	$9.26	$9.26	No bonus due	
Totals:		5.557	$9.26	$9.26		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 499.772

W. M. Traver

W. M. Traver

vj
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

RECEIVED
SEP 13 1956

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: September 11, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock Group), Montrose County, Colorado
Period: August, 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.
8/3/56	6777	5.557	$9.26	$9.26	No bonus due	

Totals: 5.557 $9.26 $9.26

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 499.772

W. M. TRAVER

W. M. Traver

vj
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

UD

UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction [redacted] Colorado. August 3, 1956

Consignation No. 6777 — Lot No. 67682 — Shippers Lot No.

Shipper of Neptune Uranium Corp — A.E.C. License No. P-2750

Address Uravan, Colo.

Kind of Ore Carnotite — Date Received 7-17-56

Mining Claim Piper #3 — Mining District Paradox - Carpenter Flat — File 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	$CaCO_3$
	11260	1.3	11113.62	0.29	1.30		32.23	144.48	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	32.23	3.50	5.56		112.81	
Development Allowance	32.23	.50	5.56		16.12	
Excess 4 lbs. per ton Premium	9.99	.75	5.56		7.49	
Excess 10 lbs. per ton Premium						
Total U308 Payment						136.42
V205 Payment	144.48	.31	5.56		44.79	
Total V205 Payment						44.79
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___% — ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 5.63 Wet Tons @ .06 per wet ton mile						4.05
Total U3O8, V2O5 and Haulage Payment						185.26

E703

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED
AUG 13 1956

224 New Customhouse
Denver 2, Colorado

Date: August 8, 1956

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock Group), Montrose County, Colorado
Period: July, 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.
5/28 - 6/15/56) 6/16 - 6/27/56)		81.09	$69.79	$69.79	No bonus due	

Totals:

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 494.215

W. M. Traver

vj
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: August 8, 1956

Memorandum

RECEIVED
AUG 13 1956

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Shamrock Group), Montrose County, Colorado
Period: July, 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.
5/28 - 6/15/56) 6/16 - 6/27/56)		81.09	$69.79	$69.79	No bonus due	

Totals:

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 494.215

W. M. TRAVER

W. M. Traver

vj
cc: Royalty File E 703 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

Form No. VW51--C1

VANADIUM CORPORATION OF AMERICA
SETTLEMENT SHEET

SHEET NO. 1 LICENSE NO. [illegible]

DATE 6-16/6-27-56 and 5-28/6-15-56 195

SHIPPED BY Neptune Uranium Co.

MINE OWNER Lakeside Monarch Mining Co.

ADDRESS Grover, Colorado

NAME OF MINE OR LEASE Piper No. 1

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
74527	2[illegible]	3.7	1[illegible]	3.1	1.53	255			.22	42.58						
[illegible]	[illegible]	2.5	2[illegible]	1.0	1.[illegible]	[illegible]			.15	[illegible]						
[illegible]	[illegible]	3.2	[illegible]	[illegible]	[illegible]	[illegible]			.13	[illegible]						
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			.14	27.7						
74621	[illegible]	4.1	[illegible]	4.9	[illegible]	[illegible]			.13	27.[illegible]						
74639	1[illegible]	4.0	1[illegible]12	4.0	0.[illegible]	151			.17	30.96						
74591	1[illegible]	3.7	[illegible]	[illegible]	1.30	227			.14	24.42						
74943	11790	3.2	11[illegible]	1.0	1.26	147			.1[illegible]	24.46						
74985*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			.20	28.28						
	168[illegible]80		1[illegible]		1.04	1683	.31	521.73	.1[illegible]159	292.[illegible]	2.731[illegible]	715.[illegible]	131.04	1369.72		

Hauling 12.855 tons x 35 miles = 449.925 ton miles @ .064 (Griffith) 27.[illegible]

1395.72

RECEIVED AUG 13 1956

CHECK NO. 7839 7-10-56 $ 1157.47 TO: Neptune Uranium Co. Grover, Colorado

CHECK NO. $

CHECK NO. 7840 7-12-56 $ 61.88 TO: Kerosso Minerals Exploration Administration c/o [illegible] Grover

CHECK NO. $ 224 New Custom House Denver 2, Colorado (5% V & U)

CHECK NO. 7841 7-12-56 $ 176.37 TO: Lakeside Monarch Mining Co. Moab, Utah 15% of 55% V & U

CHECK NO. $

I hereby certify that the ore described above and sold is from the [illegible] 1 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

E703

MONTROSE DAILY PRESS 9-55-1M

5-1-56

RECEIVED
APR 30 1956

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: April 17, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - 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.

(NONE)

Totals:

Past Due Royalties Collected	None
Total Dry Tons (Ore or Cons.) Shipped to Date	413.125
Expiration Date of Royalty Repayment	September 9, 1964
Amount of Government Participation	$12,228.75
Total Royalty Payments to Date	$1,086.70
Percent of Loan Repayment	8.89%

W. M. Traver

W. M. Traver

vj
cc Royalty File E 703 w/Settlement Sheets
Monthly Royalty Payment File
~~T. A. Christensen~~
J. F. Shaw (2)
Chron.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date:

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 3355 (Uranium), Contract Idm-2703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - 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.

(NONE)

Totals:

Past Due Royalties Collected	None
Total Dry Tons (Ore or Cons.) Shipped to Date	413.125
Expiration Date of Royalty Repayment	September 9, 1964
Amount of Government Participation	$12,228.75
Total Royalty Payments to Date	$1,086.70
Percent of Loan Repayment	8.89%

W. M. TRAVER

W. M. Traver

vj

cc Royalty File E 703 w/Settlement Sheets
Monthly Royalty Payment File
~~T. A. Christensen~~
J. F. Shaw (2)
Chron.

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

RECEIVED
JAN 30 1956

224 New Customhouse
Denver 2, Colorado

January 26, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6481.

Also enclosed is Union Carbide Nuclear Company check No. 913 in the amount of $29.93 in full payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E703
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPA
A Division of Union Carbide and Carbon Corporation

RECEIVED
JAN 30 1956

ORE SETTLEMENT

Receiving Station: Uravan Colorado — Uravan, Colorado, January 18, 1956
Liquidation No.: 6481 — Lot No.: See Load Detail — Shippers Lot No.:
Bought of: Neptune Uranium Corp. — A.E.C. License No.: P-2750
Address: Uravan, Colorado
Type of Ore: Carnotite — Date Received: 1-1-56 thru 1-15-56
Mining Claim: Piper #1 — Mining District: Paradox - Carpenter Flats — 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 averages					
	26360	4.0	25296.62	0.33	2.84		82.98	718.10	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	82.98	3.50	12.65		290.43	
Development Allowance	82.98	.50	12.65		41.49	
Excess 4 lbs. per ton Premium	32.38	.75	12.65		24.29	
Excess 10 lbs. per ton Premium						
Total U308 Payment						356.21
V205 Payment	718.10	.31	12.65		222.61	
Total V205 Payment						222.61
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 13.18 Wet Tons @ 1.50 per wet ton ~~mile~~						19.77
Total U3O8, V2O5 and Haulage Payment						598.59

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	912	Date	1-19-56
Check Number	912	Date	1-19-56
Approved for Payment			

Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E703

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 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6472.

Also enclosed is Union Carbide Nuclear Company check No. 772 in the amount of $27.93 in full payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E703
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

RECEIVED
JAN 16 1956

Receiving Station Uravan, Colorado. Uravan, Colorado, Jan 16 1956

Liquidation No. 6472 Lot No. See Load detail Shippers Lot No.

Bought of Neptune Uranium Corp. A.E.C. License No. P-2750

Address Uravan, Colorado

Type of Ore Carnotite Date Received 12-16-55 thru 12-31-55

Mining Claim Piper #1 Mining District Paradox - Carpenter Flats 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 $CaCO_3$
	46680	3.8	44926.90	Approx Averages 0.19	1.51		87.32	677.53	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	87.32	3.30	22.46		288.16	
Development Allowance	87.32	.50	22.46		43.66	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						331.82
V205 Payment	677.53	.31	22.46		210.03	
Total V205 Payment						210.03
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 23.34 Wet Tons @ .06 per wet ton mile						16.80
Total U3O8, V2O5 and Haulage Payment						558.65

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	771	Date	1-4-56
Check Number	771	Date	1-4-56
Approved for Payment	R E Slaney		

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E703

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 Field Team, Region III

Subject: Royalty Payment - DMEA Docket 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6436.

Also enclosed is Union Carbide Nuclear Company check No. 623 in the amount of $16.39 in full payment of DMEA royalty due on this shipment.

J. W. Townsend

Enclosures

vj

cc: Royalty File E703
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, December 20, 1955
Liquidation No. 6436 — Lot No. See detail sheet — Shippers Lot No.
Bought of: Neptune Uranium Corp. — A.E.C. License No. P-2750
Address: Uravan, Colorado
Type of Ore: Carnotite — Date Received 12-[illegible]-55 Plum 12-15-55
Mining Claim: Piper #1 — Mining District: Paradox-Carpenter Flat — 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					
	37540	3.4	36272.36	0.17	0.89		63.09	321.92	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	63.09	2.90	18.14		182.96	
Development Allowance	63.09	.50	18.14		31.55	
Excess 4 lbs. per ton Premium						
Excess 10 lbs. per ton Premium						
Total U308 Payment						214.51
V205 Payment	321.92	.31	18.14		99.80	
Total V205 Payment						99.80
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 18.77 Wet Tons @ .06 per wet ton mile						13.51
Total U3O8, V2O5 and Haulage Payment						327.82

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.

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	662	Date	12-21-55
Check Number	662	Date	12-21-55
Approved for Payment			

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E703

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 3355 (Uranium), Contract Edm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6411.

Also enclosed is Union Carbide Nuclear Company check No. 414 in the amount of $16.25 in full payment of DMEA royalty due on this shipment.

E. N. Harshman

E. N. Harshman

Enclosures

vj

cc: Royalty File E703
Se.c 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
U.M.E.A.

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, December 1, 1955
Liquidation No. 6411 — Lot No. See detail Sheet — Shipper's Lot No.
Shipper of Neptune Uranium Corp. — A.E.C. License No. P-2750
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 11-16-55 to Nov. 30-55
Mining Claim Piper #1 — Mining District Paradox - Carpenter Flat — Pile No.

DEC 15 1955
BUREAU OF MINES

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					
	25880	4.3	24774.36	0.22	1.16		55.60	286.28	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	55.60	3.50	12.39		194.60	
Development Allowance	55.60	.50	12.39		27.80	
Excess 4 lbs. per ton Premium	6.04	.75	12.39		4.53	
Excess 10 lbs. per ton Premium						
Total U308 Payment						226.93
V205 Payment	286.28	.31	12.39		88.75	
Total V205 Payment						88.75
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 12.94 Wet Tons @ .06 per wet ton mile						9.32
Total U3O8, V2O5 and Haulage Payment						325.00

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	412	Date	12-3-55
Check Number	412	Date	12-3-55
Approved for Payment	R E Blaney		

Seller or Agent

1000 DAILY SENTINEL COM'L PTG. DEPT.

E703

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 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6401.

Also enclosed is Union Carbide Nuclear Company check No. 316 in the amount of $20.49 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 E703
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, Nov. 18 19 55
Liquidation No. 6401 — Lot No. See Grand Junction — Shippers Lot No.
Bought of Megatron Uranium Corp. — A.E.C. License No. P-2750
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 11-1-55 thru 11-15-55
Mining Claim Pigeon #1 — Mining District Paradox - Carpenter Fields — 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 $CaCO_3$
	32000	2.6	31183.72	0.21	1.42		64.79	442.58	

PRICED PER A.E.C. CIRCULAR NO. 5 Revised

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	64.79	3.50	15.59		226.77	
Development Allowance	64.79	.50	15.59		32.40	
Excess 4 lbs. per ton Premium	2.43	.75	15.59		1.82	
Excess 10 lbs. per ton Premium						
Total U308 Payment						260.99
V205 Payment	442.58	.31	15.59		137.20	
Total V205 Payment						137.20
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 16.00 Wet Tons @ .06 per wet ton mile						11.52
Total U3O8, V2O5 and Haulage Payment						409.71

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 315	Date 11-22-55
Check Number 315	Date 11-22-55
Approved for Payment	

Seller or Agent

DAILY SENTINEL COM'L PTG. DEPT.

E703

RECEIVED
DEC - 1 1955

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 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6380.

Also enclosed is Union Carbide Nuclear Company check No. 156 in the amount of $11.86 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 E703
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPANY
~~UNITED STATES VANADIUM COMPANY~~
A Division of Union Carbide and Carbon Corporation

EMEB
Date Rec'd
NOV 7 1955

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, November 2 19 55
Liquidation No. 6380 — Lot No. 54468 — Shippers Lot No.
Bought of Neptune Uranium Corp. — A.E.C. License No. P-2750
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 10-16-55 thru 10-31-55
Mining Claim Piper #1 — Mining District Paradox-Carpenter Flat — 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 $CaCO_3$
	12320	3.9	11839.52	0.33	1.64		39.07	194.17	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	39.07	3.50	5.92		136.75	
Development Allowance	39.07	.50	5.92		19.54	
Excess 4 lbs. per ton Premium	15.39	.75	5.92		11.54	
Excess 10 lbs. per ton Premium						
Total U308 Payment						167.83
V205 Payment	194.17	.31	5.92		60.19	
Total V205 Payment						60.19
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 6.16 Wet Tons @1.50 per wet ton						9.24
Total U3O8, V2O5 and Haulage Payment						237.26

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 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.

Voucher Number	151	Date	11-3-55
Check Number	151	Date	11-3-55
Approved for Payment			

Seller or Agent

1000 THE SENTINEL PRINTERS

E703

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

RECEIVED
OCT 27 1955

224 New Customhouse
Denver 2, Colorado

October 25, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6372.

Also enclosed is Union Carbide Nuclear Company check No. 29 in the amount of $83.35 in full payment of royalty due on this shipment.

W. M. Traver

W. M. Traver

Enclosures

vj

cc: Royalty File E703
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

RECEIVED
OCT 27 1955

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

UNION CARBIDE NUCLEAR COMPANY
~~UNITED STATES VANADIUM COMPANY~~
A Division of Union Carbide and Carbon Corporation

DMEA
Date Rec'd.
OCT 24 1955
BUREAU OF MINES
Denver, Colorado

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, Oct. 19, 1955
Liquidation No. 6372 — Lot No. See Load detail — Shippers Lot No.
Bought of Neptune Uranium Corp. — A.E.C. License No. P-2750
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 10-1-55 Thru 10-15-55
Mining Claim Piper #1 — Mining District Parado-Carpenter Flats — 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 $CaCO_3$
	63000	3.5	60784.38	0.47	1.85		285.99	1121.54	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	285.99	3.50	30.39		1000.97	
Development Allowance	285.99	.50	30.39		143.00	
Excess 4 lbs. per ton Premium	164.43	.75	30.39		123.32	
Excess 10 lbs. per ton Premium						
Total U308 Payment						1267.29
V205 Payment	1121.54	.31	30.39		347.68	
Total V205 Payment						347.68
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 31.50 Wet Tons @ 1.65 per wet ton						51.98
Total U3O8, V2O5 and Haulage Payment						1666.95

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

RECEIVED
OCT 1 7 1955

224 New Customhouse
Denver 2, Colorado

October 13, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to Union Carbide Nuclear Company under Liquidation No. 6350.

Also enclosed is Union Carbide Nuclear Company check No. 2374 in the amount of $25.25 in full payment of royalty due on this shipment.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

vj

cc: Royalty File E703
Sec. Opr. Comm. (2) w/settlement sheet
J. F. Shaw (2) w/settlement sheet
Royalty Report File
Chron.

UNION CARBIDE NUCLEAR COMPANY
~~UNITED STATES VANADIUM COMPANY~~
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, Oct. 5 1955
Liquidation No. 6350 — Lot No. See load detail — Shippers Lot No.
Bought of Neptune Uranium Corp. — A.E.C. License No. Applied for
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 9-16-55 thru 9-30-55
Mining Claim Piper #1 — Mining District Paradox - Carpenter Flats — 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 $CaCO_3$
	27520	3.1	26673.28	approx 0.33	average 1.32		87.49	350.99	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	87.49	3.50	13.34		306.22	
Development Allowance	87.49	.50	13.34		43.75	
Excess 4 lbs. per ton Premium	34.13	.75	13.34		25.60	
Excess 10 lbs. per ton Premium						
Total U308 Payment						375.57
V205 Payment	350.99	.31	13.34		108.81	
Total V205 Payment						108.81
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%−___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 13.7 Wet Tons @ 1.50 per wet ton						20.64
Total U3O8, V2O5 and Haulage Payment						505.02

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	2361	Date	10-6-55
Check Number	2361	Date	10-6-55
Approved for Payment	R E Blaney		

Seller or Agent

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OCT 17 1955

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

RECEIVED
AUG 10 1955

224 New Customhouse
Denver 2, Colorado

August 8, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 3355 (Uranium), Contract Idm-E703, Neptune Uranium Corporation (Formerly Lowell A. Griffith Associates) - Colorado

Enclosed is settlement sheet for ore shipped to United States Vanadium Company under Lot No. 6257.

Also enclosed is United States Vanadium Company check No. 1783 in the amount of $15.38 in payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E703
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

DMB
Date Re
AUG 5
BUREAU OF
Denver, Colo

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, August
Liquidation No. 6257 — Lot No. 2150247 — Shippers Lot No.
Bought of Griffith Uranium Company — A.E.C. License No. P-1770
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 7-19-55
Mining Claim Shamrock #3 — Mining District Paradox-Carpenter Flats — 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
	7220	4.0	6931.20	0.71	3.45		49.21	239.13

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE
U308 Payment	49.21	3.50	3.47		172.24
Development Allowance	49.21	.50	3.47		24.61
Excess 4 lbs. per ton Premium	35.33	.75	3.47		26.50
Excess 10 lbs. per ton Premium	14.51	.25	3.47		3.63
Total U308 Payment					
V205 Payment	239.13	.31	3.47		74.13
Total V205 Payment					
Less High Line Penalty over 6% CaCo3					
Base Penalty					
___%−___%=___% Penalty @ $ .04 per 1/10th					
TOTAL					
Haulage Allowance 12 Miles 3.61 Wet Tons @ 1.80 per wet ton [redacted]					
Total U3O8, V2O5 and Haulage Payment					3

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement 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 th 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 resp deliveries described herein and is accepted by me in full payment thereof.

Voucher Number	1782	Date	8/3/55
Check Number	1782	Date	8/3/55
Approved for Payment			

Seller or Agent

1100 THE SENTINEL PRINTERS

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Arc

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

224 New Customhouse
Denver 2, Colorado

July 8, 1955

RECEIVED
JUL 11 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 3355, (Uranium) Contract Idn-E703, Neptune Uranium Corporation (Formerly Lowell A. Griffith Associates) - Colorado SUSPENSE ACCOUNT

Enclosed are settlement sheets covering ore shipped by Griffith Uranium Co. under Liquidation Numbers 5842, 5852, VCA 43907, 5914, 5919, VCA 44446 & 44320, 5930, 5959, 5960, 5981, 5980, 6001, 6000, 6025, 6026, 6039, 6040, 1634, 6062 and 6079.

Check in the amount of $683.93 in payment of royalty due on these shipments was forwarded to your office on May 31, 1955 to be placed in the Suspense Account and should now be credited to Royalty Repayments.

Check covered all royalties due except $5.97 on Liquidation No. 6062 and the full amount of royalty due ($15.27) on Liquidation No. 6079. It also includes all of the A.E.C. Bonus royalty payment.

The amount of $21.24 has been requested from the operator to make the account current.

W. M. TRAVER.

W. M. Traver

Enclosures

vj

cc: Royalty File E703
J. F. Shaw w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION OPERATIONS OFFICE
GRAND JUNCTION, COLORADO

IN REPLY REFER TO:

April 15, 1955

Symbol: FD:DH

RECEIVED
JUL 11 1955

Griffith Uranium Company
P. O. Box 927
C/o Construction Specialties Co.
Denver 1, Colorado

Subject: Application for Bonus Payment - D.O.F. 06-3-32

Gentlemen:

This office is in receipt of three applications for bonus payment, two of which were dated March 28, 1955 and the other dated April 13, 1955. These applications were in the amounts of $329.73, $1,478.14, and $782.42. We are returning these applications to you for the reason that there are only 86.48 pounds U308 remaining eligible for bonus payment. This matter was explained to Mr. W. E. Griffith in a telephone conversation on April 14.

A schedule is attached listing the chronological sequence of dates for a portion of the shipments during the period of January 15 through January 31, 1955. These shipments listed are more than sufficient to use up all remaining bonus. Since shipments were made by both the Griffith Uranium Company and Mal Pais Mining Company on January 24, 1955, the date the bonus plays out, it is necessary that we prorate on a percentage basis the number of pounds U308 entitled to each company. It is believed that the schedule is self-explanatory.

There is also prepared and enclosed an application for bonus payment, covering the portion of the remaining balance due your company. This application requires only the signature, date, and title of the individual signing. When this application has been completed please return it to this office where it will be placed in [illegible] for payment.

Very truly yours,

Frank W. Baldwin

Frank W. Baldwin, Acting Chief
Accounting Branch
Finance Division

Enclosures:
As above

Form AEC-[illegible]A
(6-51)

Form approved.
Budget Bureau No. 50-R[illegible]

U. S. ATOMIC ENERGY COMMISSION

APPLICATION FOR BONUS PAYMENT

For ore delivered on or after March 1, 1951, in accordance with AEC Domestic Uranium Program Circular 6

RECEIVED
JUL 11 1955

1. NAME OF APPLICANT
Griffith Uranium Company

2. MAILING ADDRESS
P. O. Box 927 - Denver 1, Colorado
c/o Construction Specialties Company

3. NAME OF MINING PROPERTY
Piper No. 1

4. MINING DISTRICT
Paradox

5. DATE
4-15-55

6. AEC LICENSE NO.
P-1770

7. MINING PROPERTY CERTIFICATION NO.
D.U.P. C6-C-32

No application for bonus payment will be considered on shipments from any mining property which has not been certified.

8. ORE SHIPMENTS DELIVERED TO AND PAID FOR BY Climax Uranium Company (Mill or station)

LOCATED AT Grand Junction, Colorado

DATES OF SETTLEMENT	(Fill in either) LIQUIDATION NO.	CHECK NO.	DRY TONS, ORE	GRADE U_3O_8	POUNDS U_3O_8	BONUS PAYMENT PER POUND U_3O_8	AMOUNT OF BONUS PAYMENT	
2/4/55	1634		4.37	.35	30.62	3.50	107	17

Only 30.62 pounds U3O8 on this settlement is used. This will complete our portion of the remaining balance. The dry tons have been adjusted accordingly.

(If more space is needed, use a sheet of paper the same size as this page)

TOTAL, $ 107 17

Griffith Uranium Company

[illegible] 4/16/55 Gen. Mgr.

FOR USE BY ATOMIC ENERGY COMMISSION ONLY

ACCOUNTING CLASSIFICATION	AMOUNT
[illegible]	

10—67707-1 GPO

Lower Red Canyon Group - D.U.P. 66-0
Chronological Sequence of Dates of Shipm
VCA - Settlement Sheet (Check No.)
Climax - Settlement Sheet No. 1634

First 86.48 pounds of U308 from Settlement Sheets 6369 (VCA) and 1634 (Climax) Eligible for bonus payments.

Lot No.	Shipping Date	Dry Pounds Ore	Dry Tons Ore	Grade U308	Pounds U308	Shipper
45600	1/20/55	16,575	8.29	.14	23.21	Mal Pais Mining Company
45644	1/22/55	15,741	7.87	.10	15.74	" " " "
45673 1/	1/24/55	15,290	4.97	.17	16.91	" " " "
5-5634 2/	1/24/55	13,446	4.37	.35	30.62	Griffith Uranium Company
46310	1/25/55	15,072				Mal Pais Mining Company
46328	1/25/55	15,439				" " " "
46362	1/27/55	16,346				" " " "
5-5690	1/31/55	13,470				Griffith Uranium Company
			Eligible Pounds		86.48	

1/ Only 4.97 tons consisting of 16.91 pounds U308 are eligible for bonus payments.

2/ Only 4.37 tons consisting of 30.62 pounds U308 are eligible for bonus payments.

RECEIVED JUL 11 1956

Summary of Eligibility of Bonus Payment and Proration of Shipments Covered By Lots 45673 and 5-5634 - 1/24/55

Lot No.	Dry Tons Ore	Total Pounds U308	Pounds U308 Times 65.065 % *	Grade U308	Price Per Pound	Amount	Shipper
45600	8.29	23.21	-				
45644	7.87	15.74	-				
45673	7.65	25.99	16.91	.13	2.10	$ 117.31	Mal Pais Mining Company
5-5634	6.72	47.06	30.62	.35	3.50	107.17	Griffith Uranium Company
	30.53						(Page 34)

* There are 47.53 pounds U308 from Lots 45673 and 5-5634 eligible for bonus payment. There were 73.05 pounds U308 delivered on 1/24/55. Therefore 47.53 is 65.065 percent of 73.05. This percentage is applied only to total pounds U308 in these 2 lots.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

LOT 15

ORE SETTLEMENT

ving Station Uravan, Colorado URAVAN ~~[illegible]~~, Colorado, FEBRUARY 1, 1955
lation No. 6934 Lot No. U-7200g Shippers Lot No.
nt of Griffith Gleason Co. A.E.C. License No. P1270
ess Uravan, Colorado
of Ore Carnotite Date Received 1/10/55 thru 1/31/55
g Claim Shamrock Mining District Paradox Carpenter Flats Pilo 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	$CaCO_3$
13400	4.8	12756.80	0.27	1.46		34.44	186.25	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
08 Payment	34.44	3.50	6.38		120.54	
velopment Allowance	34.44	.50	6.38		17.22	
ess 4 lbs. per ton Premium	8.92	.75	6.38		6.69	
ess 10 lbs. per ton Premium						
tal U308 Payment						144.45
05 Payment	186.25	.31	6.38		57.74	
tal V205 Payment						57.74
ss High Line Penalty over 6% CaCo3						
se Penalty						
—%——%=—% Penalty @ $ .04 per 1/10th						
TOTAL						
ge Allowance 12 Miles 6.70 Wet Tons .06 per wet ton mile						4.82
Total U3O8, V2O5 and Haulage Payment						207.02

RECEIVED
JUL 11 1955

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 80 Date 2-3-55
Check Number 80 Date 2-3-55
Approved for Payment R. W. Lentz

Seller or Agent

UNITED STATES VANADIUM CORPORATION
A Division of Union Carbide and Carbon Corporation

LOT 15 A

ORE SETTLEMENT

iving Station Uravan, Colorado — Uravan, Colorado, February 1, 19 55
dation No. 6040 — Lot No. U-42063 — Shippers Lot No.
ht of Griffith Uranium Co — A.E.C. License No. P-1770
ress Uravan, Colorado
of Ore Carnotite — Date Received 1-16-55 thru 1-31-55
ng Claim Viper #1 — Mining District Paradox - Carpenter Flats — Pile No.

ot o.	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	$CaCO_3$
	13560	5.4	12827.76	0.31	2.61		39.77	334.80	

PRICED PER A.E.C. CIRCULAR NO. 5 (REVISED)

	POUNDS	PER LB	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
308 Payment	39.77	3.50	6.41		139.20	
evelopment Allowance	39.77	.50	6.41		19.89	
xcess 4 lbs. per ton Premium	14.13	.75	6.41		10.60	
xcess 10 lbs. per ton Premium						
otal U308 Payment						169.69
205 Payment	334.80	.31	6.41		103.79	
otal V205 Payment						103.79
oss High Line Penalty over 6% CaCo3						
ase Penalty						
—%—%=—% Penalty @ $ .04 per 1/10th						
TOTAL						
ulage Allowance 1½ Miles 6.78 Wet Tons @ 1.50 per wet ton						10.17
Total U3O8, V2O5 and Haulage Payment						283.65

RECEIVED JUL 11 1955

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.

Voucher Number 80 — Date 2-3-55
Check Number 80 — Date 2-3-55
Approved for Payment K. W. Lenz

Seller or Agent

CLIMAX URANIUM COMPANY
GRAND JUNCTION, COLO.

Receiving Station Climax Uranium Company — Grand Junction, Colorado, February 4, 1955, 19
Liquidation No. 1634 — Lot No. — Shippers Lot No.
Bought of Griffith Uranium Company — A.E.C. License No. P-1770
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 1/16/55 thru 1/31/
Mining Claim Piper #1 — Mining District Paradox (Carpenter Flats) — 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	$CaCO_3$
5-5634	14,320	6.1	13,446	0.35	2.90	0.84	47.06	389.93	112.95
5-5690	14,330	6.0	13,470	0.35	2.78	1.13	47.15	374.47	152.21
	28,650	6.1	26,916	0.350015	2.839947	0.99	94.21	764.40	265.16

		Per Lb.	Per Ton	Short Tons	Total Valu
U_3O_8					
0.350015% = 94.21 lbs. at		$ 3.50	$ 24.50	13,46	$ 329.74
Development allowance 94.21 lbs. at		.50	3.50	13.46	47.11
Premium in excess of 4# per ton					
Total lbs. U_3O_8	94.21				
Less: 13.46 tons @ 4#	53.84				
PREMIUM LBS.	40.37 at	.75	2.25	13.46	30.28
Total U_3O_8 Payment					$ 407.13
Haulage allowance $8.00 per wet ton					114.60
V_2O_5					
2.839947% = 764.40 lbs. at		.31	17.60	13.46	236.96
Total Gross Price					$ 758.69
Deductions:					
1. Royalty - Keith M. Andrews & Don Andrews 15% of $596.98					89.55
Net Proceeds					$ 669.14

RECEIVED
JUL 11 1955

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settle 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 intere 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 ori liveries 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.

CL-488 RM-10-54 WEV

Seller or Agent.

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

RECEIVED
JUL 11 1956

ORE SETTLEMENT

ving Station Uravan, Colorado Uravan, Colorado February 22 1955
lation No. 6062 Lot No. See Lot detail Shippers Lot No.
t of Griffith Uranium Co. A.E.C. License No. P-1770
s Uravan, Colorado
of Ore Granite Date Received 2-1-55 thru 2-15-55
g Claim Pipe #1 Mining District Pile 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	$CaCO_3$
	28760	5.0	27308.52	0.40	3.04		107.89	830.15	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
8 Payment	107.89	3.50	13.65		377.62	
ment Allowance	107.89	.50	13.65		53.95	
ss 4 lbs. per ton Premium	53.29	.75	13.65		39.97	
ss 10 lbs. per ton Premium						
l U3O8 Payment						471.54
5 Payment	830.15	.31	13.65		257.35	
l V2O5 Payment						257.35
High Line Penalty over 6% CaCo3						
Penalty						
-%—%=% Penalty @ $ .04 per 1/10th						
TOTAL						
e Allowance 12 Miles 14.38 Wet Tons						
65 per wet ton mile						
Total U3O8, V2O5 and Haulage Payment						23.73
						732.62

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and vo 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 livery 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 iveries described herein and is accepted by me in full payment thereof.

Griffith Uranium Co.

By E. A. Griffith mgr
Seller or Agent

Voucher Number 229 Date 2-23-55
Check Number 229 Date 2-23-55
pproved for Payment E. Hennessy

60

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado Uravan, Colorado March 2 1955
Liquidation No. 2022 Lot No. 43864 Shippers Lot No.
Shipper of Griffith Uranium Co. A.E.C. License No. P-1790
Address Grants, Colorado
Type of Ore Carnotite Date Received 2-25-55
Mining Claim Mining District Rocky Creek-Cooper Flat State No.

Lot (Bag)	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	$CaCO_3$
	16920	3.8	15750.25	0.31	1.73		48.83	272.48	

PRICED PER A.E.C. CIRCULAR NO. 5 (Corrected)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	48.83	3.50	7.88		170.91	
*Development Allowance	48.83	.50	7.88		24.42	
Excess 4 lbs. per ton Premium	17.31	.75	7.88		12.98	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						208.31
V2O5 Payment	272.48	.31	7.88		84.47	
Total V2O5 Payment						84.47
Less High Line Penalty over 6% CaCo3						
*Base Penalty						
___% - ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 17 Miles 8.36 Wet Tons @ 1.50 per wet ton						12.54
Total U3O8, V2O5 and Haulage Payment						305.32

RECEIVED JUL 1 1 1955

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 the deliveries described herein and is accepted by me in full payment thereof.

Griffith Uranium Co.
By L. A. Griffith
Sole Agent

Voucher Number 350	Date 3-4-55
Check Number 350	Date 3-4-55
Approved for Payment	

UNITED STATES VANADIUM
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Grand Junction, Colorado, January 20, 19 55
Liquidation No. 6025 — Lot No. U-4172 — Shippers Lot No.
Bought of Griffith Uranium Co. — A.E.C. License No. P-1770
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 1-1-55 thru 1-15-55
Mining Claim Shamrock #3 — Mining District Four Lot Carpenter Flats — 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	$CaCO_3$
	13000	6.3	12181.00	0.46	2.39		56.03	291.13	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	56.03	3.50	6.09		196.11	
Development Allowance	56.03	.50	6.09		28.02	
Excess 4 lbs. per ton Premium	31.67	.75	6.09		23.75	
Excess 10 lbs. per ton Premium						
Total U308 Payment						247.88
V205 Payment	291.12	.31	6.09		90.25	
Total V205 Payment						90.25
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%—___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 6.50 Wet Tons @ 1.65 per wet ton						10.73
Total U3O8, V2O5 and Haulage Payment						348.86
						338.13

RECEIVED JUL 11 1955

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.

Griffith Uranium Co
D. K. A. Griffith Mgr.
Seller or Agent

Voucher Number 1-195 Date 1-20-55
Check Number 32336 Date 1-20-55
Approved for Payment E. C. Blaney

A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado ~~Grand Junction~~ Colorado, January 20, 19~~55~~

Liquidation No. 6026 Lot No. See last detail Shippers Lot No.

Bought of Griffith Uranium Co. A.E.C. License No. F-1770

Address Uravan, Colorado

Type of Ore Carnotite Date Received 1-4-55 thru 1-15-55

Mining Claim Piper #1 Mining District Freeday - Carpenter Flats 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	$CaCO_3$
	28940	3.5	27947.96	0.32	2.35		86.16	656.11	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	86.16	2.20	13.67		301.56	
Development Allowance	86.16	.09	13.67		12.02	
Excess 4 lbs. per ton Premium	31.48	.25	13.67		23.61	
Excess 10 lbs. per ton Premium						
Total U308 Payment						362.25
V205 Payment	656.11	.21	13.67		215.77	
Total V205 Payment						215.77
Less High Line Penalty over 6% CaCo3						
Base Penalty						
1% — ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 17.47 Wet Tons @ 1.50 per wet ton mile						21.71
Total U3O8, V2O5 and Haulage Payment						605.75
						21.71
						584.04

RECEIVED JUL 11 1955

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 1-195 Date 1-20-55

Check Number 32336 Date 1-20-55

Approved for Payment [signature]

Griffith Uranium Co.

By K. A. Griffith mgr

Seller or Agent

VANADIUM CORPORATION OF AMERICA

SETTLEMENT SHEET

LICENSE NO. 1

[redacted]

DATE [redacted]

MINE OWNER [redacted]

NAME OF MINE OR LEASE [redacted]

TYPE OF ORE [redacted]

Gross Wt	% H_2O	Net Weight	Lbs V_2O_5	%	Price	Value
[redacted]						

[redacted]

RECEIVED JUL 11 1955

CHECK NO. [redacted] $ [redacted]

CHECK NO. [redacted] $ [redacted]

CHECK NO. $

CHECK NO. $

CHECK NO. $

CHECK NO. $

[redacted]

I hereby certify that the ore described above and sold is from the [redacted] Mine and that I have [redacted] and sell the same, that said ore is not encumbered by any [redacted] attachments and receipt of payment in full is hereby acknowledged.

By _____

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

LOT 12A

ORE SETTLEMENT

Receiving Station Uravan, Colorado [redacted] Colorado, December 20 1954
Liquidation No. 5980 Lot No. See load detail Shippers Lot No.
Bought of Griffith Uranium Co. A.E.C. License No. R-1770
Address Uravan, Colorado
Type of Ore Carnotite Date Received 12-1-54 thru 12-15-54
Mining Claim Piper #1 Mining District Paradox - Carpenter Flats 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	$CaCO_3$
	30440	7.0	28297.92	approx averages 0.31	2.24		88.66	634.97	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	88.66	3.50	14.15		310.31	
Development Allowance ✓	88.66	.50	14.15		44.33	
Excess 4 lbs. per ton Premium	32.06	.75	14.15		24.05	
Excess 10 lbs. per ton Premium						
Total U308 Payment						378.69
V205 Payment	634.97	.31	14.15		196.84	
Total V205 Payment						196.84
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___%-___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 15.22 Wet Tons @ 1.50 per wet ton mile ✓						22.83
Total U3O8, V2O5 and Haulage Payment						598.36 ✓

RECEIVED JUL 11 1955

22.83
575.53

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 12-241	Date 12-21-54
Check Number 32091	Date 12-21-54
Approved for Payment	

Seller or Agent

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

Lot 12

ORE SETTLEMENT

Receiving Station Uravan, Colorado Uravan, Colorado December 20, 1954
Liquidation No. 5981 Lot No. See load detail Shippers Lot No.
Bought of Griffith Mining Co A.E.C. License No. R1770
Address Uravan, Colorado
Type of Ore Carnotite Date Received 12/20/54 thru 12-15-5
Mining Claim Shamrock #3 Mining District Paradox-Carpenter Flats 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	$CaCO_3$
	40140	4.9	38169.20	0.41	1.85		155.87	706.15	

Approx. Average

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	155.87	3.50	19.08		545.55	
Development Allowance	155.87	.50	19.08		77.94	
Excess 4 lbs. per ton Premium	79.55	.75	19.08		59.66	
Excess 10 lbs. per ton Premium						
Total U308 Payment						683.15
V205 Payment	706.15	.31	19.08		218.91	
Total V305 Payment						218.91
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___% - ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 2007 Wet Tons @ 1.65 per wet ton						
Total U3O8, V2O5 and Haulage Payment						33.12
						935.18
						33 12
						902.06

RECEIVED JUL 11 1955

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement 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	12-241	Date	12-21-54
Check Number	32071	Date	12-21-54

Approved for Payment

Seller or Agent

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, Jan. 4, 1955

Liquidation No. 6000 — Lot No. See detail sheet — Shippers Lot No.

Bought of Griffith Uranium Corp. — A.E.C. License No. P-1770

Address Uravan, Colorado

Type of Ore Carnotite — Date Received 12-16-54 thru 12-31-54

Mining Claim Pipes #1 — Mining District Paradox-Carnotite Belt — File 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 $CaCO_3$
	25680	4.7	24481.68	approx 0.23	average 2.14		55.92	523.90	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	55.92	3.50	12.24		195.72	
Development Allowance	55.92	.50	12.24		27.96	
Excess 4 lbs. per ton Premium	6.96	.75	12.24		5.22	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						228.90
V2O5 Payment	523.90	.31	12.24		162.41	
Total V2O5 Payment						162.41
Less High Lime Penalty over 6% CaCo3						
Less Penalty						
___%-___%=___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 12.84 Wet Tons @ .06 per wet ton mile						9.24
Total U3O8, V2O5 and Haulage Payment						400.55

RECEIVED JUL 11 1955

9.24
391.31

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 the 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 12-77 — Date 1-5-55

Check Number 32212 — Date 1-5-55

Approved for Payment [signature]

Griffith Uranium Co.

By R. A. Griffith mgr.

Seller

UNITED STATES VANADIUM
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan, Colorado, Jan 4 19 55
Liquidation No. 6201 — Lot No. U-40080 — Shipper Lot No.
Bought of Griffith Uranium Corp — A.E.C. License No. P-1770
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 12-16-54
Mining Claim Mamon #3 — Mining District Paradox-Carpenter Flats — 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	$CaCO_3$
	11920.	5.0	11324.00	0.29.	1.53.		32.84.	173.26.	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	32.84.	3.50	5.66.		114.94.	
Development Allowance	32.84	.50	5.66		16.42.	
Excess 4 lbs. per ton Premium	10.20.	.75	5.66		7.65.	
Excess 10 lbs. per ton Premium						
Total U3O8 Payment						139.01
V2O5 Payment	173.26.	.31	5.66		53.71	
Total V2O5 Payment						53.71.
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 5.96 Wet Tons @ .06 per wet ton mile						4.29.
Total U3O8, V2O5 and Haulage Payment						197.01

RECEIVED JUL 11 1956

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.

Griffith Uranium Co.
By L. A. Griffith Mgr.
Seller or Agent

Voucher Number 12-77 Date 1-5-55
Check Number 32212 Date 1-5-55
Approved for Payment R. E. Stevens

Form No. VW51—C

VANADIUM CORPORATION OF AMERICA

SETTLEMENT SHEET

SHEET NO. 1 LICENSE NO. _____ DATE [illegible] 195[illegible]

SHIPPED BY [redacted] MINE OWNER [redacted]

ADDRESS [redacted] NAME OF MINE OR LEASE [redacted]

LEASED TO [redacted] LEASED FROM _____

ADDRESS [redacted] 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	C
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]					
[redacted]										23.22	.75	17.42					
												[redacted]	20.54	250.25			
														7.08			
														257.33		[redacted]	

[redacted]

RECEIVED JUL 11 1958

CHECK NO. [redacted] $ [redacted] TO: [redacted]

CHECK NO. [redacted] $ [redacted] TO: [redacted] (15% V205 & U3O8)

CHECK NO. _____ $ _____

CHECK NO. _____ $ _____

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 VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan Colorado — URAVAN, Colorado, October 2, 1954
Liquidation No. 585 — Lot No. 44-3-994 — Shippers Lot No.
Bought of Griffith Uranium Co. — A.E.C. License No. P-1770
Address Uravan, Colorado
Type of Ore Carnotite
Mining Claim Shamrock — Mining District Paradox - Carpenter Gate — Date Received 9-26-54 — 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	$CaCO_3$
	12120	7.7	11186.76	0.55	2.69		61.53	300.92	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U3O8 Payment	61.53	3.50	5.59	3.50	215.36	
Development Allowance	61.53	.50	5.59	5.50	30.77	
Excess 4 lbs. per ton Premium	39.17	.75	5.59	5.26	29.38	
Excess 10 lbs. per ton Premium	5.63	.25	5.59	.25	1.41	
Total U3O8 Payment						276.92
V2O5 Payment	300.92	.31	5.59	16.69	93.29	
Total V2O5 Payment						93.29
Less High Line Penalty over 6% CaCo3						
Base Penalty						
___% — ___% = ___% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 6.06 Wet Tons @ 1.85 per wet ton						10.91
Total U3O8, V2O5 and Haulage Payment						381.12

RECEIVED JUL 11 1958

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.

Voucher Number 10-90 — Date 10-7-54
Check Number 31328 — Date 10-7-54

Approved for Payment

Seller or Agent

UNITED STATES VANADIUM COMPANY

A Division of Union Carbide and Carbon Corporation

1st Shipment

ORE SETTLEMENT

ving Station Uravan, Colorado — Grand Junction, Colorado, November 10, 1954

dation No. 5915 — Lot No. See below — Shippers Lot No.

t of Griffith Uranium Co. — A.E.C. License No. P-1770

ess Uravan, Colorado

of Ore Carnotite — Date Received 10-16-54 Date 10-31-54

g Claim Pipe #1 — Mining District Paradox-Paynter Flat — Pile 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					
17860	29	17546.98	0.21	2.35		36.03	408.02	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

8A

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
08 Payment	36.03	3.50	8.67		126.11	
velopment Allowance	36.03	.50	8.67		18.02	
ess 4 lbs. per ton Premium	1.35	.75	8.67		1.01	
cess 10 lbs. per ton Premium						
tal U308 Payment						145.14
05 Payment	408.02	.31	8.67		126.47	
tal V205 Payment						126.47
ss High Line Penalty over 6% CaCo3						
se Penalty						
--%—...—%=----% Penalty @ $ .04 per 1/10th						
TOTAL						
ago Allowance 12 Miles 23.93 Wet Tons						6.93
) .06 per wet ton mile						

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Total U3O8, V2O5 and Haulage Payment 278.06

I certify that I am the legal owner or authorized Representative of the Legal 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 moisture contents, of U3O8 contents and of V2O5 contents of the several loads delivered and covered by this settlement.

Voucher Number [illegible] Date [illegible]

Check Number 31 [illegible] Date [illegible]

Approved for Payment [illegible]

A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

ing Station Uravan, Colorado — Grand Junction, Colorado, Monday 12 1954

ation No. 5914 — Lot No. See Shipper's Lot — Shippers Lot No.

of Griffith Uranium Co. — A.E.C. License No. [illegible]

s Uravan, Colorado

f Ore Carnotite — Date Received 10-16-54 thru 10-31-54

Claim Shamrock — Mining District Paradox - Carpenter Flats — Pile 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	$CaCO_3$
	22620	4.5	21605.72	Approx. Average 0.61	2.37		130.99	511.41	

8.

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
08 Payment	130.99	3.50	10.80		458.47	
velopment Allowance	130.99	.50	10.80		65.50	
ess 4 lbs. per ton Premium	87.99	.75	10.80		65.84	
ess 10 lbs. per ton Premium	22.99	.25	10.80		5.75	
al U308 Payment						595.56
05 Payment	511.41	.31	10.80		158.57	
al V205 Payment						158.57
s High Line Penalty over 6% CaCo3						
e Penalty						
—%—____%=____% Penalty @ $ .04 per 1/10th						
TOTAL						
ge Allowance 12 Miles 11.31 Wet Tons 1.80 per wet ton						20.36

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Total U3O8, V2O5 and Haulage Payment 774.76

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and ave 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 elivery 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 eliveries described herein and is accepted by me in full payment thereof.

Voucher Number 11-158 Date 11-12-54

Check Number 31710 Date 11-12-54

Approved for Payment J. J. Newton

Seller or Agent

UNITED STATES VANADIUM CORP.
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Station Uravan, Colorado — Junction, Colorado, November 22, 1954

Lot No. 5930 — Lot No. Second Delivery — Shippers Lot No.

Griffith Uranium Co. — A.E.C. License No. R-1770

Uravan, Colorado

Ore Carnotite — Date Received 11-1-54 Plant 11-15-54

Claim Shamrock #3 — Mining District Paradox-Carpenter Pilot — Pilo 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~~				
19680	4.6	1876.16	0.48	1.81		90.87	340.08	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
Payment	90.87	3.50	9.38		318.05	
opment Allowance	90.87	.50	9.38		45.44	
s 4 lbs. per ton Premium	53.35	.75	9.38		40.01	
s 10 lbs. per ton Premium						
U3O8 Payment						403.50
Payment	340.08	.31	9.38		105.42	
V2O5 Payment						105.42
High Line Penalty over 6% CaCo3						
Penalty						
%—%=% Penalty @ $ .04 per 1/10th						
TOTAL						
Allowance 12 Miles 9.84 Wet Tons						
1.65 per wet ton						16.24
Total U3O8, V2O5 and Haulage Payment						525.16

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16.24

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement 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 moisture contents, of U3O8 contents and of V2O5 contents of the several loads delivered and covered by this settlement.

Griffith Uranium Co.

By [illegible] Senior Partner

Voucher Number 11-233 Date 11-24-54

Check Number 3[illegible]81 Date 11-24-54

Approved for Payment [illegible]

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation #11

ORE SETTLEMENT

ing Station Uravan, Colorado — Grand Junction Colorado, Alexander 3, 19 54

ation No. 5959 — Lot No. 54-21999 — Shippers Lot No.

t of Duffy Exploration Co. — A.E.C. License No. F-1770

s. Uravan, Colorado

f Ore Carnotite — Date Received 11-26-54

Claim Alexander #3 — Mining District Paradox-Carpenter Field — Pile 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	$CaCO_3$
1140	5.4	1243.44	0.69	2.25		85.77	279.67	

PRICED PER A.E.C. CIRCULAR NO. 5 Amend 11

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
Payment	85.77	3.50	6.22		300.20	
elopment Allowance	85.77	.50	6.22		42.89	
s 4 lbs. per ton Premium	60.99	.75	6.22		45.67	
10 lbs. per ton Premium	23.57	.25	6.22		5.89	
U3O8 Payment						394.65
Payment	279.67	.31	6.22		86.70	
V2O5 Payment						86.70
igh Lime Penalty over 6% CaCo3						
enalty						
% Penalty @ $ .04 per 1/10th						
TOTAL						
Allowance 12 Mills 6.57 Wet Tons 0.70 per wet ton						4.59
Total U3O8, V2O5 and Moulage Payment						493.18

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I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and legal right to deliver the same to the United States Vanadium Company, a Division of Union Carbide and Carbon Corporation.

[illegible] that I hold the A. E. C. Source Material License numbered above.

[illegible] States Vanadium Company, a Division of Union Carbide and Carbon Corporation, effective as of the date of [illegible] said ore.

[illegible] to me to respect of ore

A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

ing Station Ouray, Colorado — URVAN Junction, Colorado — December 3 1954

tion No. 5260 — Lot No. 21-39064 — Shippers Lot No.

of Griffith Vanadium Co. — A.E.C. License No. P-1770

e Ouray, Colorado

f Ore Carnotite — Date Received 11-27-54

Claim Piper #1 — Mining District Paradox-Carpenter Plate — Pile 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	$CaCO_3$
13460	3.7	12981.24	0.23	1.87		29.86	242.75	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
08 Payment	29.86	3.50	6.49		104.51	
velopment Allowance	29.86	.50	6.49		14.93	
ess 4 lbs. per ton Premium	3.90	.75	6.49		2.93	
ess 10 lbs. per ton Premium						
al U3O8 Payment						122.37
05 Payment	242.75	.31	6.49		75.25	
al V2O5 Payment						75.25
s High Line Penalty over 6% CaCo3						
o Penalty						
%—%=% Penalty @ $ .04 per 1/10th						
TOTAL						
ge Allowance 12 Miles 6.74 Wet Tons						
.06 per wet ton mile						4.85
Total U3O8, V2O5 and Haulage Payment						202.47

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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.

Griffith Vanadium Co
By K. A. Griffith Mgr.
Seller or Agent

Voucher Number	12-114	Date	12-4-54
Check Number	31933	Date	12-4-54

Approved for Payment J. E. Blaney

[redacted]ED STATES VANADIUM COMPANY [redacted]
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Station Uravan, Colorado Grand Junction, Colorado September 21, 1954
Mill No. 5842 Lot No. See Load Order Shippers Lot No.
Griffith Uranium Co. A.E.C. License No. P-1770
Uravan, Colorado
Ore Carnotite
Claim Shamrock Mining District Paradox-Cryptocrystalline Pile No.
Date Received 9-1-54 thru 9-15-54

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					
21680	5.5	20489.88	1.29	5.04		263.42	1033.29	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
8 Payment	263.42	3.50	10.24	90.04	921.97	
elopment Allowance	263.42	.50	10.24	12.86	131.71	
ss 4 lbs. per ton Premium	222.46	.75	10.24	16.29	166.85	
se 10 lbs. per ton Premium	161.02	.25	10.24	3.93	40.26	
l U3O8 Payment						1260.79
5 Payment	1033.29	.31	10.24	31.28	320.32	
l V2O5 Payment						320.32
High Line Penalty over 6% CaCo3						
Penalty						
%—%=% Penalty @ $ .04 per 1/10th						
TOTAL						
ge Allowance 12 Miles 10.84 Wet Tons 1.80 per wet ton [redacted]						19.51
Total U3O8, V2O5 and Haulage Payment						1600.62

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I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and ave 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 elivery 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 eliveries described herein and is accepted by me in full payment thereof.

Voucher Number 9-225 Date 9-24-54
Check Number 31101 Date 9-24-54

Approved for Payment [signature]

Seller or Agent

Breakdown of settlement sheet dated September 21, 1954r Liquidation No. 5842 of shipment of ore made subsequent to Contract date, Sept. 9, 1954.

9-15 Shipment (DMEA Royalty due)

Wet pounds ore - - - - - - - - - - - - - - - - 11220
Wet tons ore - - - - - - - - - - - - - - - - -5.610

Dry pounds ore - - - - - - - - - - - - - - - - 10636.56
Dry tons ore - - - - - - - - - - - - - - - - - 5.318

Grade U_3O_8 - - - - - - - - - - - - - - - - - 1.05
Pounds U_3O_8 - - - - - - - - - - - - - - - - 111.68

Grade V_2O_5 - - - - - - - - - - - - - - - - - 4.74
Pounds V_2O_5 - - - - - - - - - - - - - - - - -504.17

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CALCULATION OF PAYMENT

U_3O_8 Payment - - - - - - - - - - - - - - 111.68# at \$3.50 per lb.= \$390.88

Development Allowance - - - - - - - - - - 111.68# at \$0.31 per lb.= \$ 55.84

Excess 4# per ton Premium - - - - - - - 21-4 x \$0.75 x 5.318 = \$ 67.80

Excess 10# per ton Premium - - - - - -21-10 x \$0.25 x 5.318 = \$ 14.62

Total U_3O_8 Payment - \$529.14

V_2O_5 Payment (Total) - - - - - - - - - - - 504.17# at \$0.31 per lb.=\$156.29

Haulage Allowance - - - - - - - - - - - - 5.610 wet ton at \$1.80w.t.=\$10.10

TOTAL PAYMENT -\$695.53

Value per Ton - \$130.79

Royalty Due at 5% - \$34.78

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Lucienne Co. LOAD DETAIL

INSERT GRADE: A

PERIOD 7-1-54 thru 7-15-54

NAME Griffith Uranium Corp. ADDRESS Uravan, Colorado

CLAIM Lucienne

SHIPPED DATE	TICKET NUMBER	POUNDS ORE	LAB. ASSAY NO.	PER CENT MOISTURE	POUNDS DRY ORE	GRADE V_2O_5	POUNDS U_3O_8	GRADE V_2O_5	POUNDS V_2O_5
7-7	[illegible]	[illegible]	[illegible]	[illegible]	7553.22	1.54	131.74	5.31	528.120
7-15	[illegible]	[illegible]	406454	5.2	10636.56	1.05	111.67	4.74	504.17
	21686			5.5	20489.78	1.29	263.42	5.04	1033.29

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JUL 11 1955

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

224 New Customhouse
Denver 2, Colorado

July 7, 1955

Mr. W. E. Griffith
Construction Specialties Co.
P. O. Box 927
Denver 1, Colorado

Re: Royalty payments, DMEA Docket 3355 (Uranium) Contract Idm-E703, Neptune Uranium Corporation (Formerly Lowell A. Griffith Associates) Montrose County, Colorado

Dear Mr. Griffith:

Under separate cover we are returning your complete royalty file which was loaned to this office for duplication.

We have calculated royalties due under Contract Idm-E703 and are enclosing a copy of our calculation sheet.

According to load detail accompanying Lot No. 5 (Liquidation No. 5042 - Sept 21, 1954) part of shipment was made prior to the date of Contract Idm-E703 (Sept 9, 1954) and part after this date. We have therefore calculated DMEA royalty on the applicable portion of this shipment and are furnishing you herewith a copy of our calculations.

The end of A.E.C. Bonus Payments is established by letter to you from the Atomic Energy Commission dated April 15, 1955.

A recapitulation of this royalty account as evidenced by settlement sheets furnished by you is as follows:

Royalty due to date - - - - - - - - - - - - -	$619.04
A.E.C. Production Bonus royalty due - - - - -	220.03
Total Royalty - - - - - - - - - - - - -	$839.07
Less royalty payment by mill (Liq. No. 6095)	$ 63.69
Less royalty payment by mill (Liq. No. 6114)	71.01
Less payment by Lowell A. Griffith Associates	683.93
Total Royalty payment to date - - - -	$818.63
Additional Royalty Payment due	$21.24

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Please send a check in the amount of $21.24 to the Executive Officer, DMEA Region XII, Room 224 New Customhouse, Denver 2, Colorado in order that this account may be brought current. All royalty payment checks are to be made payable to the Defense Minerals Exploration Administration.

Very truly yours,

W. M. TRAVER,

W. M. Traver

RDB/vj

cc: Royalty File E703 w/cy calc. sheets
Paul H. Keating w/cy calc. sheets
Sec. Opr. Comm. (2) w/cy calc. sheets
J. F. Shaw w/cy calc. sheets
Berkenkotter
Chron.

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Settlement Sheet Calculations E703 **URANIUM** Sheet No. 1

Neptune Uranium Corporation formerly Lowell A. Griffith Associates

*Prorated - settlement slut

Lig. No.	Smelter Value	Allowable Deductions	Net Value	Tons	Value per Ton	Royalty Rate	Royalty Due	Royalty Paid	Bonus Payment	Bonus Royalty Due	Bonus Royalty Paid
9-21-54 5-5842	695.53*	-	695.53	5.318	130.79	5.0%	34.78	34.78	390.88	19.54	19.54
10-2-54 6-5882	381.12	-	381.12	5.593	68.14	5.0%	19.06	19.06	215.36	10.77	10.77
9-23-1954 7-5904 & 5907	257.33	-	257.33	4.465	57.63	5.0%	12.87	12.87	143.78	7.19	7.19
11-10-54 8-5914	774.46	-	774.46	10.882	71.70	5.0%	38.72	38.72	458.47	22.92	22.92
11-10-54 9A-5915	278.06	-	278.06	8.673	32.06	5.0%	13.90	13.90	126.11	6.31	6.31
10-20-54 9A-5944 & 5946	686.48	-	686.48	18.722	36.67	5.0%	34.32	34.32	327.64	16.38	16.38
11-22-54 10-5930	525.16	-	525.16	9.383	55.97	5.0%	26.26	26.26	318.05	15.90	15.90
12-3-54 11-5959	493.18	-	493.18	6.215	79.35	5.0%	24.66	24.66	300.20	15.01	15.01
12-3-54 11A-5960	202.47	-	202.47	6.491	31.19	5.0%	10.12	10.12	104.51	5.23	5.23
12-20-54 12-5981	935.18	-	935.18	19.085	49.00	5.0%	46.76	46.76	545.55	27.28	27.28
12-20-54 12A-5980	598.36	-	598.36	14.149	42.29	5.0%	29.92	29.92	310.31	15.52	15.52
1-4-55 13-6001	197.01	-	197.01	5.662	34.80	5.0%	9.85	9.85	114.94	5.75	5.75
1-4-55 13A-6000	400.55	-	400.55	12.241	32.72	5.0%	20.03	20.03	195.72	9.79	9.79
1-20-55 14-6025	348.86	-	348.86	6.091	57.27	5.0%	17.44	17.44	196.11	9.81	9.81
1-20-55 14A-6026	605.75	-	605.75	13.674	44.30	5.0%	30.29	30.29	301.56	15.08	15.08
2-1-55 15-6039	207.01	-	207.01	6.378	32.46	5.0%	10.35	10.35	120.54	6.03	6.03

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Settlement Sheet Calculations E703 URANIUM Sheet No. 2

Neptune Uranium Corporation formerly Lowell A. Griffith Associates

Lic. No.	Smelter Value	Allowable Deductions	Net Value	Tons	Value per Ton	Royalty Rate	Royalty Due	Royalty Paid	Bonus Payment	Bonus Royalty Due	Bonus Royalty Paid
2-1-55 15A-6040	283.65	—	283.65	6.414	44.22	5.0%	14.18	14.18	139.20	6.96	6.96
2-4-55 16A-6134	752.69	—	752.69	13.458	56.37	5.0%	37.93	37.93	* 107.17	* 5.36	5.36
2-22-55 17A-6062	752.62	—	752.62	13.654	55.12	5.0%	37.63	31.66			
3-2-55 18-6079	305.32	—	305.32	7.875	38.77	5.0%	15.27				
3-18-55 18A-6095	1273.72	—	1273.72	30.063	42.37	5.0%	63.69	63.69			
4-4-55 19A-6114	1420.26	—	1420.26	54.378	26.12	5.0%	71.01	71.01			

*End of AEC Production Bonus. Prorated as per AEC letter to Griffith Uranium Co. — April 15, 1955 See also Application for Bonus Payment also dated April 15, 1955 which was prepared by AEC personnel.

Clerk

Breakdown of settlement sheet dated September 21, 1954, Liquidation No. 5842 of shipment of ore made subsequent to Contract date, Sept. 9, 1954.

9-15 Shipment (DMEA Royalty due)

Wet pounds ore - - - - - - - - - - - - - - - 11220
Wet tons ore - - - - - - - - - - - - - - - - - 5.610

Dry pounds ore - - - - - - - - - - - - - - - 10636.56
Dry tons ore - - - - - - - - - - - - - - - - - 5.318

Grade U_3O_8 - - - - - - - - - - - - - - - - - 1.05
Pounds U_3O_8 - - - - - - - - - - - - - - - - 111.68

Grade V_2O_5 - - - - - - - - - - - - - - - - - 4.74
Pounds V_2O_5 - - - - - - - - - - - - - - - - 504.17

RECEIVED JUL 11 1955

CALCULATION OF PAYMENT

U_3O_8 Payment - - - - - - - - - - - - - - - - 111.68# at $3.50 per lb. = $390.88

Development Allowance - - - - - - - - - - - 111.68# at $0.31 per lb. = $ 55.84

Excess 4# per ton Premium - - - - - - - 21-4 x $0.75 x 5.318 = $ 67.80

Excess 10# per ton Premium - - - - - - 21-10 x $0.25 x 5.318 = $ 14.62

Total U_3O_8 Payment - $529.14

V_2O_5 Payment (Total) - - - - - - - - - - - 504.17# at $0.31 per lb. = $156.29

Haulage Allowance - - - - - - - - - - - - - 5.610 wet ton at $1.80 w.t. = $10.10

TOTAL PAYMENT - $695.53

Value per Ton - $130.79

Royalty Due at 5% - $34.78

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

Uravan, COLORADO

Purchase Ore LOAD DETAIL

INSERT GRADE: A

PERIOD 9-1-54 thru 9-15-54

NAME Griffith Mining Corp. ADDRESS Uravan, Colorado

CLAIM Shamrock

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
9-4	34925	10460	375454	5.8	9853.32	1.54	151.74	5.37	529.12
9-15	35434	11220	406454	5.2	10636.56	1.05	111.68	4.74	504.17
		21680		5.5	20489.88	1.29	263.42	5.04	1033.29

RECEIVED
JUL 11 1955

UNITED STATES VANADIUM COMPANY
A Division of Union Carbide and Carbon Corporation

ORE SETTLEMENT

Receiving Station Uravan, Colorado — Uravan ~~Grand Junction~~, Colorado, September 21, 1954
Liquidation No. 5842 — Lot No. See Load Detail — Shippers Lot No.
Bought of Griffith Uranium Co. — A.E.C. License No. P-1770
Address Uravan, Colorado
Type of Ore Carnotite — Date Received 9-1-54 thru 9-15-54
Mining Claim Various — Mining District Faraday-Carpenter Flats — 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	$CaCO_3$
Various	21680	5.5	20488.88	1.29	5.04		263.42	1033.29	

PRICED PER A.E.C. CIRCULAR NO. 5 (Revised)

	POUNDS	PER LB.	DRY SHORT TONS	PER TON	VALUE	TOTAL VALUE
U308 Payment	263.42	3.50	10.24	90.04	921.97	
Development Allowance	263.42	.50	10.24	12.86	131.71	
Excess 4 lbs. per ton Premium	222.46	.75	10.24	16.29	166.85	
Excess 10 lbs. per ton Premium	164.02	.25	10.24	3.93	40.26	
Total U308 Payment						1260.79
V205 Payment	1033.29	.31	10.24	31.28	320.32	
Total V205 Payment						320.32
Less High Line Penalty over 6% CaCo3						
Base Penalty						
——%———%=——% Penalty @ $ .04 per 1/10th						
TOTAL						
Haulage Allowance 12 Miles 10.84 Wet Tons @ 1.80 per wet ton [redacted]						19.51

RECEIVED JUL 11 1955

Total U3O8, V2O5 and Haulage Payment 1600.62

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	9-225	Date	9-24-54
Check Number	31101	Date	9-24-54

Approved for Payment

Seller or Agent

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

RECEIVED
APR 25 1955

224 New Customhouse
Denver 2, Colorado

April 20, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-3355 (Uranium), Contract Idm-E703, Lowell A. Griffith Associates, Shamrock group, Montrose County, Colorado - Operator's Monthly Report for the month of December, 1954 - Final Payment

Enclosed are two copies of a memorandum to Mr. T. A. Christensen, dated April 6, 1955 relative to final payment under the terms of the subject contract.

Final payment to the Operator in the amount of $100.73 has now been made in conformance with the Report of Review by the Contract Administration and Audit Division, dated April 5, 1955.

W. M. TRAVER

Enclosures

W. M. Traver

DEPARTMENT OF THE INTERIOR
Bureau of Minerals Administration
RECEIVED
APR 25 1955

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

Administrative Audit Difference Statement

Date: April 7, 1955
Payee's Reference: Final Payment

Lowell A. Griffith
P. O. Box 673
Central City, Colorado

Dear Sir:

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

Amount Claimed	$ 350.00
Difference	$ 215.70
Amount Approved	$ 134.30

The reason for the difference was due to:

99 feet @ $1.30 per ft. disallowed in accordance with MRA Auditors final report of March 1955	215.70

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 Customhouse
Denver 2, Colorado

April 6, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3355 (Uranium), Contract Idm-E703, Lowell A. Griffith Associates, Shamrock group, Montrose County, Colorado - Operator's Monthly Report for the month of December, 1954 - FINAL PAYMENT

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, and the operator has complied with all requirements; therefore, we recommend that final payment be made on the following basis, which is in conformance with the Report of Review by the Contract Administration and Audit Division, dated April 5, 1955.

Basis for Final Payment

Total accepted cost.....	$16,305.00
Government participation at 75%.....	12,228.75
Total prior payments.....	12,128.02
Balance due the Operator	$ 100.73

W. M. TRAVER

W. M. Traver

Enclosures

JWT:pw

cc: Subject
Chron
Sec.Op.Comm. (2)
Shaw
Townsend

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DMEA Date Rec'd. MAR 21 1955 MAR 25 1955 BUREAU OF MINES Denver, Colorado

Region III

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
March 22, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Project Supervisor

From: M. H. Salsbury

Subject: DMEA 3355, Contract Idm-M703, (Uranium), Lowell A. Griffith Associates (Shamrock group), Montrose County, Colorado - Supplemental Progress Report for December 1954

Drilling under the subject contract was actually completed in November 1954, and the claim made in December 1954 was for chemical analysis of 50 samples in the amount of $250.00, which was approved for payment in a memorandum to the Executive Officer, Field Team, Region III, dated December 27, 1954.

However, an audit of the hole logs and other data submitted by the operator in the final report, and comparison with data submitted with the three monthly narrative reports, reveals differences between footages claimed in a number of drill holes and the logs of these holes. In addition, one hole has been claimed and approved for payment twice.

The amount of the December claim approved for payment, $187.50, or 75 percent of $250.00, has been withheld pending final audit and more than covers the overpayment which has been made for drilling.

Following is an analysis of the drilling footages reported:

Progress in each month	Drilling footage claimed feet
September 1954	2,189
October 1954	6,393
November 1954	3,985
Total footage claimed	12,567

Deductions made in November progress report:

Hole No.	Coordinates E	Coordinates N	Depth in feet by log	Depth in feet claimed	Month claimed	Difference claimed over log + claimed under log -
M-161	8500	8100	58	53	October	-5
M-77	8500	9600	69	67	October	-2
M-61	9700	9600	60	75	October	+15
M-45	9800	9700	120	120	October	+120 (unauthorized)
Total deducted from footage claimed in November 1954						128

Footages for which payment has been approved and made:

September 1954 (as claimed)	2,189 feet
October 1954 (as claimed)	6,393
November 1954 (November claim less deduction for audit differences in October) 3,985 less 128 feet	3,857
Total footage approved and payment made on	12,439 feet

Following are additional deductions to be made in line with the audit of March 22, 1955:

Hole coordinates E	Hole coordinates N	Depth in feet by log	Depth in feet claimed	Month claimed	Difference in feet (claimed over log)
9200	10200	60	70	September	10
9400	9300	60	65	October	65 (this hole was claimed previously in September as 60' deep)
9400	10000	100	108	September	8
9500	9500	58	59	September	1
9500	10200	63	68	September	5
Total footage to be deducted as a result of March 1955 audit differences					89 feet

Summary:

Amount of claims for which operator is entitled to payment as of March 21, 1955:

Rotary drilling 12,350 feet at $1.30 per foot	$16,055.00
Chemical analysis of 50 samples at $5.00 each (December 1954 claim)	250.00
Total claims	$16,305.00

Government participation at 75 percent		$12,228.75
Payments made:		
September 1954	$2,134.27	
October 1954	6,233.17	
November 1954	3,760.58	
Total of payments made as of March 22, 1955		12,128.02
Balance due operator as of March 22, 1955		$ 100.73

Note: Final payment of $100.73 should be made in lieu of $187.50 withheld from December 1954 claim.

M. H. Salsbury
Mining Engineer

cc 7
IDM-E703
DMEA Chron

MHS/cm

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
APR 25 1955

Region IV

Bldg. 20, Room 137
Denver Federal Center
Denver, 2, Colorado
December 27, 1954

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 3355, Contract Idm-E703 (Uranium), Lowell A. Griffith Associates (Shamrock group) Montrose County, Colo. Progress report for December 1954

Enclosed are the original and four copies of the subject progress report, the fourth and final one--forms MF-104 and MF-104A only, and the original and six copies of this memorandum covering checking of the reporting forms.

The report consists only of the MF-104 and MF-104A forms and constitutes the claim with explanation typed on the MF-104 form for the analyzing of 50 samples at the unit cost of $5.00 or a total of $250.00 as allowed by the contract. The claim is supported by a receipted invoice from the Minerals Assay Laboratory and the analyses, incorporated in the final report, are acceptable. Additional analyses are not considered necessary.

Payment is approved and certified on the MF-104 forms of $187.50 or 75 percent of the total, $250.00 claimed by the contractor.

W. M. Traver

W. M. Traver

WMT/dj

cc : 6
E703
Chron.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1954 Docket No. DMEA 3355 Contract No. Idm-E703
Operator's Name Lowell A. Griffith Associates Minerals Uranium)
Address Uravan, Colo. (% Paul H. Keating, Box 163, Golden Colo.
Contract Amount, $ 18,350.00 Government Participation: 75% Amount, $ 13,762.50

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						
Bulldozing						
Crosscutting						
Drifting						
Chem. assays	*250.00	16337.10	16587.10			
(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	$250.00	16337.10	16587.10	250.00	16337.00	16587.10
					166.40	166.40
					115.70	115.70
				115.70	16170.90	16305.00
				13430		

* Contract allowed for the assay of 160 samples @ $5 each for U & V. Fifty samples only were submitted. A 10% disc. for cash, by the assayor, was absorbed in delivery costs from the property to Grand Junction.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 12/24/54 *Payee Lowell A. Griffith Associates
Per Paul H. Keating Title Atty.-in-fact.

*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: $ 100.73

Signature [illegible] (Authorized Certifying Officer)
Date 4/8/55 Vou. No. DMA 55-80
(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. DM-E 703 in accordance with the terms of the contract.

Signature W. M. Shaver Title Chief DMR Br. Date 12/27/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Shaver Title Executive Officer Date APR 6 1955

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.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 25 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1954 Docket No. DMEA 3355 Contract No. Idm-E703
Operator's Name Lowell A. Griffith Associates Minerals
Address Uravan Colo. (Mail: % Paul H. Keating, Box 163, Golden 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								
Auger				16,337.10	12567	1.30	13500	1.30
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Chemical assays	5.00	250.00	50	250.00	50	5.00	160	5.00
Total Distributed Costs		250.00	50	16,587.10				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		250.00		16,587.10				$18,350.00

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 12/24/54 Operator Lowell A. Griffith Associates.

Per Paul H. Keating Title Atty-in-fact.
Paul H. Keating

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

December 22, 1954

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 3355 (Uranium), Contract Idm-E703, Lowell A. Griffith Associates (Shamrock Group) Montrose County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of November 1954.

W. H. King

W. H. King

Enclosures

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

Administrative Audit Difference Statement

Date: 12/23/54
Payee's
Reference: Dec. 1954

Paul D. Keating
Lowell A. Griffith Associates
Apt. 5, Hines Park
Golden, Colo.

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

Amount Claimed	$ 3,180.50
Difference	$ 166.40
Amount Approved	$ 3,014.10

The reason for the difference was due to:

120 feet of drilling in Hole No. D-45 which is not authorized by contract.

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 Customhouse
Denver 2, Colorado

December 17, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 3355 (Uranium), Contract Idm-E703, Lowell A. Griffith Associates (Shamrock group), Montrose County, Colorado. Operator's Monthly Progress Report for the period November, 1954.

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 75 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

An amount of $166.40 is to be disallowed. This amount represents 120 feet of drilling in Hole No. H-45 (120 feet) which was unauthorized and other small differences between footages claimed and those substantiated by drill logs.

Remarks:

Date of Report	December 2, 1954
Date Received in Field Office	December 3, 1954
Date Received in Region Office	December 16, 1954

W. H. King

W. H. King

Enclosures

RDB:dm
cc: Sec. to Oper. Comm. (2)
Subject
WMTraver
Chron

Mining Division
Date Rec'd.
DEC 16 1954
BUREAU OF MINES
Denver, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
December 15, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 3355, Contract Idm-E703 (Uranium), Lowell A. Griffith Associates (Shamrock group) Montrose County, Colorado--Progress report for November 1954

Enclosed are the original and four copies of the subject progress report, the third one--forms MF-104 and MF-104A, with narrative, progress map, tabulation of estimated drilling depths, statistical summary, drill hole logs, and the original and six copies of M. H. Salsbury's memorandum covering his inspection of the rotary drilling progress and checking the reporting forms. The contract is unit cost on short form MF-200A and documentation is not required.

Salsbury inspected the project progress for November on December 8, 1954, and confirmed the rotary drilling claimed by the contractor for the period of 3,985 feet in 47 holes, of which 44 holes were barren, two intersected high-grade ore, and one intersected mineralization. This was as reported in the narrative and shown on the reporting forms. Work performance was in accordance with the terms of the contract.

A check was made of project drilling to date, disclosing discrepancies in footages and non-authorization of one hole location making the basis for the disallowances for 128 feet of drilling at $1.30 a foot, or $166.40. Seven hole locations were inaccessible and were not undertaken. The amount disallowed subtracted from the November claim of $5,180.50 leaves $5,014.10 approved for payment as explained in the engineer's covering memorandum.

Payment is recommended and certified on the MF-104 forms of $3,760.58, or 75 percent of the $5,014.10 approved.

W. M. Traver

W. M. Traver

Enclosure

cc: 5
E703
DMEA Chron.

WMT/ici

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
December 14, 1954

Memorandum

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

From: M. H. Salsbury

Subject: DMEA 3355, Contract Idm-M703 (Uranium), Lowell A. Griffith Associates (Shamrock group) Montrose County, Colorado—Progress report for November 1954

Operations under the subject contract were inspected on December 8, 1954, in company with the operator's engineer.

The operator claims payment for 3,985 feet of rotary dry-drilling in 47 holes at $1.30 per foot or $5,180.50 for November 1954. Of these, 44 holes were reported to be barren, two in high-grade ore, and one mineralized.

The general area drilled in November was visited by the inspecting engineer and one of the ore holes, No. H-119, at coordinates 8,700 E. and 8,600 N. was reprobed. This hole showed a count on a Babbel instrument of 60 to 70 points on the third scale, equivalent after correction, to approximately 1.13 percent U_3O_8. The depth was from 52.5 to 53.5 feet. The Geological Survey reported probing results on this hole of 1.40 percent U_3O_8 from 53.6 to 54.2 feet.

Hole No. H-104 at coordinates 8,700 E., 8,900 N. was reprobed during the October inspection.

The operator submitted in quintuplicate, forms MF-104 and MF-104A, a narrative report, with map and drill logs. All are satisfactory and monthly totals are correct. An audit of the entire project was made, checking hole depths in the drill logs against the depths given in the list of footages claimed, and checking actual hole locations against locations authorized under the contract. All holes were drilled at authorized locations except hole No. H-45, 120 feet deep, at coordinates E. 9,800, N. 9,700, claimed in October, 1954. This hole was originally proposed by the operator but was deleted in the contract. Seven holes were omitted because of inaccessibility. Other minor differences were found as listed below:

Authorized drilling--171 holes	13,508 feet
Holes drilled and claimed --164 holes	12,567 feet
Audit differences (see below)	- 128 feet
Footages for which payment can be made under the contract--163 holes	12,439 feet

HOLE No.	COORDINATES N.	E.	DEPTH feet (Actual by log)	DEPTH feet (Claimed)	DIFFERENCE feet (Over +, under-)
N-161	8500	8100	58	53	- 5
N- 77	8500	9600	69	67	- 2
N- 61	9700	9600	60	75	+ 15
N- 45	9600	9700	120	120	+120 (unauthorized)
Total deduction for footage claimed in excess of drill log records, and for unauthorized hole No. N-45					128

The project has now been completed with the exception of analyzing cutting samples taken from mineralized sections of the holes. The operator is preparing these samples for analysis, results of which will be submitted and a final claim for payment made.

Robert Boardman, the Geological Survey project chief at Uravan, Colorado, has stated that the cutting samples taken during the project are of no further interest to them, and, as they are not wanted by the Bureau of Mines, permission was given the operator to dispose of all but the mineralized portions, splits of which are to be delivered to the Geological Survey office in Uravan, Colorado, to be picked up later by the Bureau of Mines.

The Geological Survey has probed, or intends to probe, most of the holes drilled under this contract and the operator will furnish all information received from them in the final report.

Payment of $3,760.58, is recommended, or 75 percent of the amount claimed in November, 1954, $5,180.50, less $166.40, previously claimed for 128 feet of drilling which is recommended for disallowance, as a result of an audit of drilling reports.

M. K. Salsbury
M. K. Salsbury
Mining Engineer

cc: 1/6
R783
DMEA Uravan.

MKS/lcl

[illegible] Report for [illegible] 1951

[illegible]

Authorized drilling--[illegible] holes
Holes drilled and claims--[illegible] holes
Unit [illegible] area (see map)
Footages for [illegible] and to date under
the contract--[illegible] holes

Hole No.	Coordinates N.	E.	Depth (feet) (corrected by [illegible])	Loss (feet) (Diamond)	Recovery (feet) (Core, [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]
Total footages for [illegible] claims in terms of drill log [illegible]					

The project [illegible] been accelerated with the exception of [illegible] obtaining samples from mineralized sections of the [illegible] the operation [illegible] supplies for analysis, [illegible] will be submitted and a [illegible] claim for payment made.

Under [illegible], the geological survey [illegible] to date, [illegible], has started that the [illegible] samples [illegible] the problem [illegible] to [illegible] the [illegible], [illegible] by the [illegible] of [illegible], [illegible] the operator to [illegible] of all but the mineralized [illegible], [illegible] of which are to be [illegible] to the geological [illegible] office in [illegible], [illegible], [illegible] or later by the [illegible] of [illegible].

The geological [illegible], or [illegible], [illegible] of the [illegible] drilling [illegible] this contract [illegible] operator will [illegible] all information required [illegible] in the final report.

Payment of $2,[illegible], is recommended, or 75 percent of the amount claimed in [illegible], [illegible], $2,150.00. [illegible], however, [illegible] for the [illegible] drilling [illegible] is recommended for [illegible] as a result of a [illegible] of drilling [illegible].

[illegible]
Mining Engineer

[illegible]
[illegible]
[illegible]

[illegible]

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1954 Docket No. DMEA 3355 Contract No. Idm-E703
Operator's Name Lowell A. Griffith Associates, Minerals Uranium
Address Uravan Colo. (% Paul H. Keating, Box 163, Golden, Colo.
Contract Amount, $18,350.00 Government Participation: 75% Amount, $13,762.50

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	$5180.50	$11156.60	$16337.10			
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	$5180.50	$11156.60	$16337.10	5180.50	11,156.60	16,337.10
				166.40		166.40
				5014.10		16,170.70

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

Date Dec. 2, 1954 Payee Lowell A. Griffith Associates

Per Paul H Keating Title Atty-in-fact

*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: 16,170.70

$ 3760.58

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 12-20-54 Vou. No. DMA-55-43

(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. IdmE703 in accordance with the terms of the contract.

Signature M.H. Salsbury #376058 USMM Title Mining Engineer Date December 14, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W H King Title Executive Officer Date DEC 17 1954

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1954 Docket No. DMEA 3355 Contract No. Idm-E703
Operator's Name Lowell A. Griffith Associates Minerals Uranium
Address Uravan, Colo. (Mail % Paul H. Keating, Box 163, Golden, 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								
Churn								
Auger	ft.	5180.50	3985	16,337.10	12567	1.30	13500	1.30
Stripping				disallowed	122			
Trenching					12439			
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		5180.50	3985	16,337.10				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs					$16,170.70			
New Buildings, Improvements, etc.								
TOTAL COSTS		5180.50		16,337.10				18,350.00

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 Dec. 2, 1954 Operator Lowell A. Griffith Associates.

Per Paul H Keating Title Attorney-in-fact.
Paul H. Keating

REMARKS: The drilling of some holes was not even attempted, due to impossible access within reasonable expense. A total of 164 holes has been completed.

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

PAUL H. KEATING
MINING ENGINEER

Defense Minerals Exploration Administration
224 New Customs House, Denver 2, Colorado.

NARRATIVE REPORT FOR NOVEMBER 1954

Docket $3355; Contract Idm-E703

Lowell A. Griffith Associates
Carpenter Flats, Montrose Co.
Colorado.

(URANIUM)

The drilling portion of this contract was completed November 20, 1954.

Drilling for November (only) included 47 holes completed. Forty-four were blank; two showed high-grade ore, and one showed definite mineralization. The gate-fold map bound herewith marks these three holes in color along the 8700 co-ordinate East, and between 8600 North and 9000 North.

The logs of all holes, and the probe data of the mineralized holes are enclosed in the pocket in the back cover of this binding.

The total footage drilled was 3985 ft. The average depth of hole was very close to 85 ft.

The Voucher and Progress report forms MF-104 and MF-104A for November are attached.

Under a separate binding, there will be submitted to your office, within a very few days, a complete summary of this entire operation. With that report will be included Barnaby-counter data and chemical analyses, and split samples of the drill hole cuttings.

Very truly yours

Paul H. Keating

Paul H. Keating
(Attorney in Fact for
Lowell A. Griffith Associates).

Dec. 2, 1954

Mail address:
P.O. Box 163,
Golden, Colo.

TABULATION OF ESTIMATED DRILLING DEPTHS

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
8100	7900	70		Piper #3	
8100	8000	70		Piper #2	
8100	8100	76		" "	
8100	8200	86		" "	
8100	8300	100		" "	
8100	8400	115	108	" "	
8100	8500	114	100	" "	
8100	8600	115	100	" "	
8100	8700	113	83	" "	
8100	8800	110	85	" "	
8200	7600	80		Piper #3	
8200	7700	70		" "	
8200	7800	60		" "	
8200	7900	60		" "	
8200	8000	64		" "	
8200	8100	63		Piper #2	
8200	8200	73		" "	
8200	8300	83		" "	
8200	8400	103	108	" "	
8200	8500	105	108	" "	
8200	8600	110	79	" "	
8200	8700	108	79	" "	
8200	8800	106	84	" "	
8200	8900	110	96	" "	
8300	7400	50		Piper #3	
8300	7500	78		" "	
8300	7600	80		" "	
8300	7700	66		" "	
8300	7800	55		" "	
8300	7900	55		" "	
8300	8000	56		" "	
8300	8100	56		" "	
8300	8200	62		" "	
8300	8300	78		Piper #2	
8300	8400	101		" "	
8300	8500	108		" "	
8300	8600	110	75	" "	
8300	8700	105	80	" "	
8300	8800	100	94	" "	
8300	8900	103	93	" "	
8300	9000	101	91	" "	

8300	9500	80	80	Shamrock#8	
8300	9600	106		" "	
8300	9700	108	130	" "	

(Cont., next page)

TABULATION OF ESTIMATED DRILLING DEPTHS (Cont.).

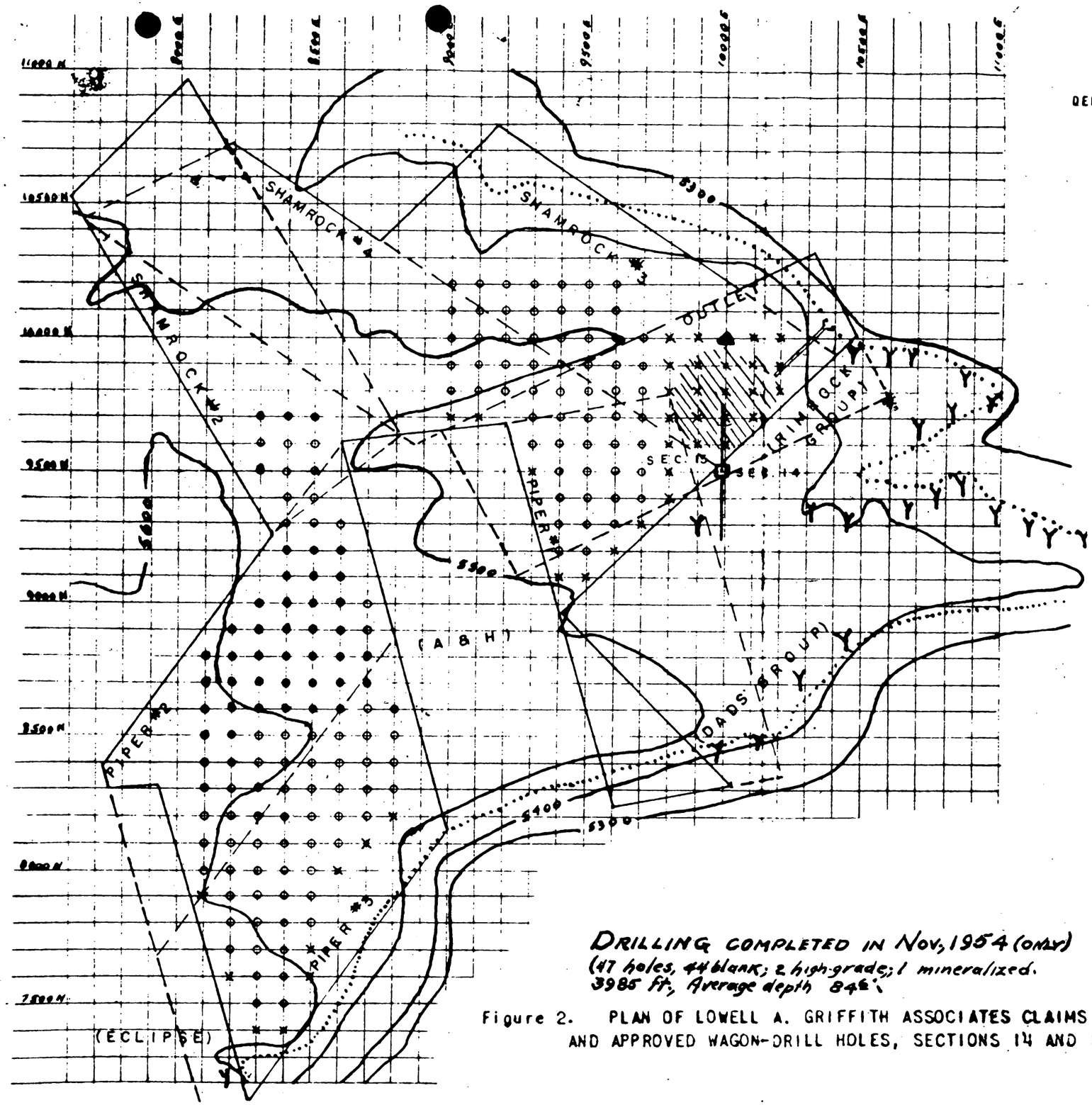
CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
				Piper #3	
8400	7400	40		Piper #3	
8400	7500	60		"	
8400	7600	63		"	
8400	7700	58		"	
8400	7800	50		"	
8400	7900	47		"	
8400	8000	45		"	
8400	8100	47		"	
8400	8200	56		"	
8400	8300	73		"	
8400	8400	90		Piper #2	
8400	8500	102		"	
8400	8600	104	70	"	
8400	8700	102	75	"	
8400	8800	76	85	"	
8400	8900	77	87	"	
8400	9000	70	89	"	
8400	9100	80	80	"	
8400	9200	78	83	"	
8400	9300	78		Shamrock #2	
8400	9400	78		" #2	
8400	9500	79		" #2	
8400	9600	103		" #2	
8400	9700	110	104	" #2	
8500	7600	50		Piper #3	
8500	7700	50		"	
8500	7800	45		"	
8500	7900	40		"	
8500	8000	38		"	
8500	8100	38		"	
8500	8200	50		"	
8500	8300	68		"	
8500	8400	82		"	
8500	8500	94		Piper #2	
8500	8600	102	70	"	
8500	8700	98	68	"	
8500	8800	95	88	"	
8500	8900	86	90	"	
8500	9000	79	78	"	
8500	9100	77	70	"	
8500	9200	78	80	"	
8500	9300	78			
8500	9400	79		"	

(Cont. next page)

TABULATION OF ESTIMATED DRILLING DEPTHS (Cont.).

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
8500	9500	98		Shamrock #2	
8500	9600	9500		"	
8500	9700	96	115	"	
8600	8000	36		Piper #3	
8600	8100	38		"	
8600	8200	45		"	
8600	8300	60		"	
8600	8400	80		"	
8600	8500	93		"	
8600	8600	102	68	"	
8600	8700	87	60	Piper #2	
8600	8800	90	86	"	
8600	8900	83	90	"	
8600	9000	78	76	"	
8600	9100	78	65	"	
8600	9200	80	80	"	
8600	9300	80		"	
8700	8100	36		Piper #3	
8700	8200	39		"	
8700	8300	50		"	
8700	8400	70		"	
8700	8500	87		"	
8700	8600	93	70	"	
8700	8700	92	60	"	
8700	8800	88	88	Piper #2	
8700	8900	82	95	"	
8700	9000	79	67	"	
8800	8200	37		Piper #3	
8800	8300	40		"	
8800	8400	63		"	
8800	8500	83		"	
8800	8600	88	75	"	

[redacted] [redacted]



U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3355

EXPLANATION

- APPROXIMATE BASE OF LOWEST SALT WASH SANDSTONE LENS
- o LOCATION OF WAGON-DRILL HOLE PROPOSED BY APPLICANTS AND APPROVED BY EXAMINING FIELD TEAM
- x LOCATION OF WAGON-DRILL HOLE PROPOSED BY APPLICANTS AND REJECTED BY EXAMINING FIELD TEAM
- Y PROSPECT OR MINE
- ADIT AND UNDERGROUND DRIFT
- △ U.S. GEOLOGICAL SURVEY TRIANGULATION POINT ARBITRARILY CHOSEN AS 10,000 FEET N., AND 10,000 FEET E., AS A REFERENCE POINT FOR THE LOCATION OF PROPOSED WAGON-DRILL HOLES
- APPROXIMATE AREA OF GROUND PREVIOUSLY DRILLED
- APPROXIMATE LOCATION OF ¼ LAND SECTION CORNER
- BOUNDARY OF GROUND LEASED BY APPLICANTS AND NOT IN CONFLICT WITH PREVIOUS CLAIMS. CLAIMS BELONGING OR LEASED TO PARTIES OTHER THAN THE APPLICANTS ARE LABELED IN PARENTHESES

BY R.L. BOARDMAN (COMPILED FROM MAPS SUBMITTED BY APPLICANTS AND FROM DATA OBTAINED FROM FIELD EXAMINATION)

DRILLING COMPLETED IN Nov, 1954 (only)
(47 holes, 44 blank; 2 high-grade; 1 mineralized.
3985 ft, Average depth 84 ft.

Figure 2. PLAN OF LOWELL A. GRIFFITH ASSOCIATES CLAIMS SHOWING APPROXIMATE LOCATION OF PROPOSED AND APPROVED WAGON-DRILL HOLES, SECTIONS 14 AND 15, T. 48 N., R. 18 W., NIM.P.M.

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

224 New Customhouse
Denver 2, Colorado

December 1, 1954

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 3355 (Uranium), Contract Idm-E703, Lowell A. Griffith Associates (Shamrock Group), Montrose County, Colorado. Operator's Monthly Progress Report for the period October, 1954

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 pertaining to work under the subject contract for the month of October, 1954.

W. H. KING

W. H. King

Enclosures

Copy to: W. H. Traver, w/copy of report

sub
chron

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

WASHINGTON 25, D. C.

RECEIVED

November 18, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 3355 (Uranium) Contract Idm-E703, Lowell A. Griffith Associates (Shamrock group) Montrose County, Colo. Operator's Monthly Progress Report for the period October 1954.

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 75 per cent 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	November 1, 1954
Date Received in Field Office	November 9, 1954
Date Received in Region Office	November 18, 1954

John F. Shaw
for W. H. King

Enclosures

RDB:dm
cc: Sec. to Oper. Comm. (2)
Subject
WMTraver
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
November 17, 1954

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 3355, Contract Idm-E703 (Uranium), Lowell A. Griffith Associates (Shamrock group), Montrose County, Colorado--Progress report for October 1954

Enclosed are the original and four copies of the subject progress report, the second one--forms MF-104 and MF-104A, with narrative, progress map, tabulation of estimated drilling depths, statistical summary, drill hole logs, and the original and six copies of M. H. Salsbury's memorandum covering his inspection of the rotary drilling progress and checking the reporting forms. The contract is unit cost on short form MF-200A and documentation is not required.

Salsbury on an inspection made November 4, 1954, confirmed the rotary drilling progress of 6,393 feet in 87 holes, making a cumulative total to date of 8,582 feet in 117 holes. The advance is correctly reported in the operator's narrative, shown on the progress map and entered on the MF-104A forms. Other entries and extensions on the reporting forms are correct and work was performed in accordance with the terms of the contract. The inspecting engineer adequately describes the month's operations. Ore has been encountered in sufficient holes to assume a Certification of Discovery or Development and when analyses are received, a reserve estimate should be forthcoming from the operator.

Payment is approved and certified on the MF-104 form of $6,233.17 or 75 percent of this total $8,310.90 claimed by the contractor.

W. M. Traver

W. M. Traver

WMT/dj

cc: ✓5
E703
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
November 12, 1954

Memorandum

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

From: M. H. Salsbury

Subject: DMEA 3355, Contract Idm-E703 (Uranium), Lowell A. Griffith Associates (Shamrock group), Montrose County, Colorado -- Progress report for October 1954

Operations under the subject contract were inspected on November 4, 1954, in company with the operator's engineer.

The operator claims payment for 6,393 feet of Porta drilling in 87 holes at $1.30 per foot, or $8,310.90.

Locations of certain of the drill holes were visited by the inspecting engineer, including the current drill site.

The sampling techniques had been changed to take representative samples of each 5-foot interval drilled, cutting them down to about 10 pounds each. These are placed in paper sacks and stored for inspection by Government representatives, if required. The procedure is satisfactory. The considerable total bulk of the samples creates a storage problem. When they have been inspected by DMEA representatives, it is recommended that the operator be permitted to discard all but those showing significant radiometric count.

The operator reports 62 barren holes, 16 with a trace of mineralization, 2 with ore grade material and 7 high-grade holes.

Drill logs of the 87 holes drilled were furnished by the operator together with probing data on the 25 holes which exhibited any radioactivity whatever. Location of all holes is shown on a map accompanying the narrative report. With the exception of 1 hole on the Piper No. 1 claim, and 3 holes on Shamrock No. 2, all mineralized holes reported to date are on Piper Nos. 2 and 3. They are grouped to indicate an ore body, and a reserve can probably be estimated by evaluating the results. The depth to mineralized strata in different holes indicates that mineralization changes suddenly from one horizon to another, which may complicate later mining operations.

DMEA 3355, M703
11/12/54

The following holes were reprobed in the presence of the DMEA inspector:

Hole No.	Coordinates N.	Coordinates E.	Depth Measured by inspector	Depth Reported by operator	Radio-metric equivalent percent U_3O_8	Location of radioactivity feet
M-156	8,200	8,100	88	90	>.20 maximum count .80	57.8-59.5
M-159	8,100	8,300	50	54	>.20	20.0-20.7
M-153	8,200	8,400	58	60	>.20	49.5-50.5
*M-104	8,900	8,700	91.7		>.35 maximum count .35	70.4-70.8

*M-104 was drilled on date of inspection and is not included in list of holes with October report

It will be noted that the reported depth in several instances is a few feet more than the depth measured by the DMEA inspector. This can be accounted for by some caving in the holes which are not cased at any point.

The Geological survey probed a few of the holes in October and were scheduled to continue sometime in November.

No chemical analyses have been made to date.

The operator submits for October 1954, a satisfactory narrative report with map, including drill logs and forms MF-104 and MF-104A in quintuplicate. Monthly and cumulative totals are correct. All work was done in accordance with the terms of the contract and is within allowable maximums.

Payment of $6,233.17 or 75 percent of the amount claimed in October 1954, $8,310.90 is recommended.

L. D. Everett, for
M. H. Salsbury,
Mining Engineer

MHS/dj

cc: 6
D703
DMEA Chron.

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

Budget Bureau No. 42-R1036.5

RECEIVED

DEC - 3 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October 4 1954 Docket No. DMEA Contract No. Idm-E703

Operator's Name Lowell A. Griffith Associates Minerals Uranium

Address Uravan, Colorado.

Contract Amount, $ 13,350.00 Government Participation: 75 % Amount, $ 13,762.50

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:						
Drilling	8310.90	2845.70	11,156.60			
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	~~8310.90~~	~~2845.70~~	~~11,156.60~~	8310.90	2845.70	11,156.60

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

Date Nov. 1, 1954 *Payee Lowell A Griffith Associates (Authorized agent for above).

Per Paul M. Keating P.O. Box 163 Golden Colo. 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.

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:

$ 6235.17

Signature Randell R. Cooper (Authorized Certifying Officer)

Date 11-22-54 Vou. No. DMA-55-37

(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. IdmE703 in accordance with the terms of the contract.

Signature M. H. Sellsbury $6,233.17 Wmt Title Mining Engineer Date 11-12-54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. KING Title Executive Officer Date NOV 18 1954

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.

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
DEC 3 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1954 Docket No. DMEA 3355 Contract No. Idm-E703
Operator's Name Lowell A. Griffith Associates Minerals Uranium
Address P.O. Box 163, Golden, 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								
Auger	ft.	8310.90	6393	11,156.60	8582	1.30	13,500	$1.30
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$8310.90	6393	11,156.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$8310.90	6393	$11,156.60				

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.

REMARKS:

Date Nov. 1, 1954 Operator Lowell A. Griffith Associates
Per Paul M. Keating Title (authorized agent for above).

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 872894

PAUL H. KEATING
MINING ENGINEER

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 6 1954

DOCKET #3355
Contract # Idm-E703

Golden, Colo., Nov. 1, 1954.

NARRATIVE REPORT TO THE

DEFENSE MINERALS EXPLORATION ADMINISTRATION
(224 New Customs House, Denver 2, Colorado)

FROM LOWELL A GRIFFITH ASSOCIATES' OPERATION
ON CARPENTER FLATS, MONTROSE COUNTY, COLO.

****

SUMMARY FOR OCTOBER 1954

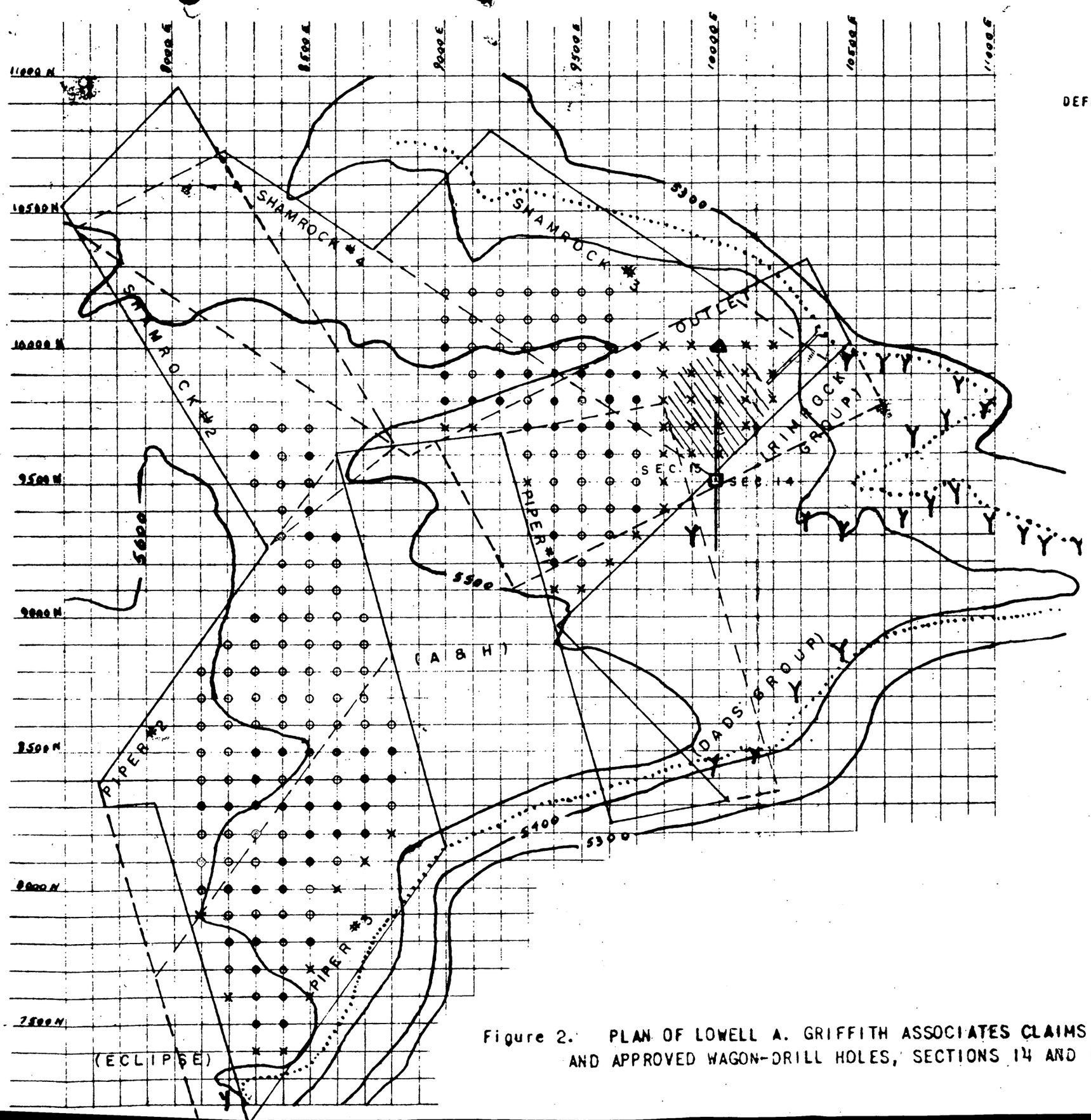
Holes completed in October		87
Total footage explored	6393 ft.	
Average Depth	73.5 ft.	

Findings:

Totally blank holes	62	
"Trace" mineralization	16	
Definite ore holes	2	
High grade holes	7	
	87	87

LEGEND ON THE ACCOMPANYING MAP

- ● Black; totally blank
- ◐ Green; Trace mineralization
- O Yellow; Definite ore grade
- O Red; High grade ore
- O Blank; Not drilled in October.



U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3355

EXPLANATION

- APPROXIMATE BASE OF LOWEST SALT WASH SANDSTONE LENS
- o LOCATION OF WAGON-DRILL HOLE PROPOSED BY APPLICANTS AND APPROVED BY EXAMINING FIELD TEAM
- × LOCATION OF WAGON-DRILL HOLE PROPOSED BY APPLICANTS AND REJECTED BY EXAMINING FIELD TEAM
- Y PROSPECT OR MINE
- ADIT AND UNDERGROUND DRIFT
- △ U. S. GEOLOGICAL SURVEY TRIANGULATION POINT ARBITRARILY CHOSEN AS 10,000 FEET N., AND 10,000 FEET E., AS A REFERENCE POINT FOR THE LOCATION OF PROPOSED WAGON-DRILL HOLES
- APPROXIMATE AREA OF GROUND PREVIOUSLY DRILLED
- APPROXIMATE LOCATION OF ¼ LAND SECTION CORNER
- BOUNDARY OF GROUND LEASED BY APPLICANTS AND NOT IN CONFLICT WITH PREVIOUS CLAIMS. CLAIMS BELONGING OR LEASED TO PARTIES OTHER THAN THE APPLICANTS ARE LABELED IN PARENTHESES

BY R.L. BOARDMAN (COMPILED FROM MAPS SUBMITTED BY APPLICANTS AND FROM DATA OBTAINED FROM FIELD EXAMINATION)

Figure 2. PLAN OF LOWELL A. GRIFFITH ASSOCIATES CLAIMS SHOWING APPROXIMATE LOCATION OF PROPOSED AND APPROVED WAGON-DRILL HOLES, SECTIONS 14 AND 15, T. 48 N., R. 18 W., N.M.P.M.

PAUL H. KEATING
MINING ENGINEER

Report

The exploration contract on this area will be completed on or about November 15-20th, 1954. The preceding summary indicates sufficient showings of ore in the drill holes to assure re-payment of the DMEA assistance. The attached maps and logs and tabulations include complete details of October operations.

The map, with colored legend, concerns October operations only. On the final report (for November 1954), the completed colored map of the entire program will be submitted.

The original logs of the holes drilled have been arranged in sequence upon 18"x24" sheets, and photographed. They read from left-to-right, and from the most southerly hole drilled to the most northerly hole. The co-ordinates of each hole are on each log, in terms of East, and North. A brief inspection of these 18"x24" prints will quickly show the pattern of their arrangement. This presentation makes available the logs of all holes to all agencies interested, for further study.

(There are technical problems concerning these logs which will be discussed a page or two below).

The "tabulations" attached show the actual depth immediately opposite the estimated depth on the original application-report. On the holes drilled the total estimated depth was 6388 ft.; the actual total is 6393 ft. (This is for October operations only). The driller was instructed to drill to the red-clay bottom, without estimate of depth.

PAUL H. KEATING
MINING ENGINEER

LOGS AND SAMPLING

The contract calls for samples in "waste" rock, at every 5 ft., and in "ore", or "mineralization" at every 1 ft. interval. It also required a "Duclone" sampler, manufactured by the Dust Control Corporation, of Mineola, Long Island, New York, (The company advertises in the technical journals as "DUCON", although on their gadget is plainly written "DUCLONE").

It has been the letter and spirit of the principals of this Contract Idm-E703: "We comply, and get the DMEA assistance; or we do not comply, and don't get it". It is as simple as that! So --- :

We hired a contractor to drill the program, but demanded that he install a "Duclone" sampler. This he did, from the S&M Supply Co., of Grand Junction, which is the local agent for that piece of equipment. We agreed to pay half the total cost of about $360, (or about $180 each).

This required "gadget" reduced the dust-problem for the workmen on the drilling machine, BUT IT COMPLETELY FRUSTRATED THE PURPOSE OF THE DRILLING PROGRAM!

Carnotite occurs in "lenses", of highly variable thickness. It "feathers out" within short distances of a yard, or a foot. A 3" streak of valuable ore is completely missed by the driller because the cuttings are accumulated into the Duclone tank along with the waste rock lying immediately above

PAUL H. KEATING
MINING ENGINEER

a thin streak of ore.

The streak itself may not be thick enough to mine, but it is an important indicator, and would qualify that particular hole for "development" drilling, or encircling by a ring of holes on shorter centers.

Meanwhile, these thin streaks of mineralization are highly diluted for assaying, and, I believe, are sometimes missed entirely.

The original attempt to keep the probe of a Babel counter in contact with the dust stream at all times met with many practical difficulties. Hence, the assays or "probe data" attached (in the flap container), were obtained by the Babel probe after the holes were drilled. The readings given on the "Probe Data" forms herewith are the actual scale readings; the percentage is the radiometric value given by direct comparison with standards of known value. The manufacturer of the Babel counter has advised us that in a 4¼" hole probing, the "distance factor" should increase the readings up to .03% U_3O_8. The chemical assays of the cuttings selected have not yet been returned, but are en proces.

There is a large number of samples on hand. The total cuttings production from 14,000-plus ft. of 4¼" drilling amounts to several tons --- approximately 140 tons altogether. On total-waste and split-samples of

each 5-ft. interval requires nearly three thousand sample containers, upon each of which must appear the co-ordinates of the hole, and the interval from which the contained sample was a statistical average. Add to this the 1-ft. intervals at which samples are taken in mineralized zones, (which on this contract occurs in about 30% of the holes drilled). The total adds up to more than ten thousand entries on the sample containers; 750 pounds of cuttings in about 3000 containers per set. Most of these samples are waste rock, and are "statistical" only over 5 ft. intervals. Small "key beds" of blue mudstone, copper stain, etc. are lost for subsequent study and interpretation.

The mechanical chore of splitting 140 tons of cuttings, and recording the required data requires a great many man-hours of time, on the part of expensive personnel with engineering training, whose voluntary "responsibility to accuracy" is paramount. However,

This chore is being done as rapidly as possible, and the containers-enclosing-samples will be taken, assays made, and the totals reported along with the samples upon the termination of this contract. (May I suggest that a storage problem might be involved upon delivery of the samples).

PAUL H. KEATING
MINING ENGINEER

On the reverse side of Form MF-104, Rev. April1952), there is invited a description and expression of the contractees, under "c" of the first paragraph of that form.

It is the spirit and intent of this Contractee to comply with the terms of the contract. HENCE:

The foregoing narrative report is not offerred as objections in certain areas of effort. It is simple reporting of the problems and "difficulties" requested in such a narrative report.

Very truly yours,

LOWELL A. GRIFFITH ASSOCIATES

By Paul H. Keating

Paul H. Keating
Box 163, Golden, Colo.

Nov. 1, 1954.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1954 Docket No. DMEA Contract No. Idm-E703
Operator's Name Lowell A. Griffith Associates Minerals Uranium
Address Uravan, Colorado.
Contract Amount, $ 18,350.00 Government Participation: 75% Amount, $ $13,762.50

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	8310.90	2845.70	11,156.60			
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	8310.90	2845.70	$11,156.60			

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

Date Nov. 1, 1954 Payee Lowell A. Griffith Associates

Per Paul M. Kestin, P.O. Box 163, Golden, Colo. Title (Authorized agent for above).

* 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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1954 Docket No. DMEA 3355 Contract No. Idm-E703
Operator's Name Lowell A. Griffith Associates Minerals Uranium
Address P.O. Box 163, Golden, 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								
Churn								
Auger	ft.	8310.90	6393	11,156.30	8582	1.30	13,500	$1.30
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$8310.90	6393	11,156.30				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$8310.90	6393	$11,156.30				

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 Nov. 1, 1954 Operator Lowell A. Griffith Associates
(authorized agent
Per Paul Keating Title for above).

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)

TABULATION OF ESTIMATED DRILLING DEPTHS

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
8100	7900	70		Piper #3	29' T.R, 49' T.R.
8100	8000	70	52	Piper #2	
8100	8100	76	60	" "	
8100	8200	86	90	" "	
8100	8300	100	121	" "	
8100	8400	115		" "	
8100	8500	114		" "	
8100	8600	115		" "	
8100	8700	113		" "	
8100	8800	110	?	" "	
8200	7600	80		Piper #3	
8200	7700	70	45	" "	
8200	7800	60	59	" "	
8200	7900	60	45	" "	
8200	8000	64	52	" "	
8200	8100	63	60	Piper #2	
8200	8200	73	70	" "	
8200	8300	83	90	" "	
8200	8400	103		" "	
8200	8500	105		" "	
8200	8600	110		" "	
8200	8700	108		" "	
8200	8800	106		" "	
8200	8900	110		" "	
8300	7400	50		Piper #3	
8300	7500	78	58	" "	
8300	7600	80	47	" "	
8300	7700	66	40	" "	
8300	7800	55	48	" "	
8300	7900	55	48	" "	
8300	8000	56	52	" "	
8300	8100	56	54	" "	
8300	8200	62	60	" "	
8300	8300	78	80	Piper #2	
8300	8400	101	120	" "	
8300	8500	108	95	" "	
8300	8600	110		" "	
8300	8700	105		" "	
8300	8800	100		" "	
8300	8900	103		" "	
8300	9000	101		" "	

8300	9500	80		Shamrock#8	
8300	9600	106	106	" "	
8300	9700	108		" "	

(Cont., next page)

TABULATION OF ESTIMATED DRILLING DEPTHS (Cont.).

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual	Piper #3	
				"	
8400	7400	40		Piper #3	
8400	7500	60	60	"	
8400	7600	63	47	"	
8400	7700	58	40	"	
8400	7800	50	42	"	
8400	7900	47	42	"	
8400	8000	45	46	"	
8400	8100	47	60	"	
8400	8200	56	60	"	
8400	8300	73	75	"	
8400	8400	90		Piper #2	
8400	8500	102	93	"	
8400	8600	104		"	
8400	8700	102		"	
8400	8800	76		"	
8400	8900	77		"	
8400	9000	70		"	
8400	9100	80		"	
8400	9200	78		"	
8400	9300	78		Shamrock #2	
8400	9400	78	78	" #2	
8400	9500	79	74	" #2	
8400	9600	103	80	" #2	
8400	9700	110		" #2	
8500	7600	50		Piper #3	
8500	7700	50		"	
8500	7800	45	40	"	
8500	7900	40	40	"	
8500	8000	38		"	
8500	8100	38	53	"	
8500	8200	50	55	"	
8500	8300	68	60	"	
8500	8400	82	75	"	
8500	8500	94	88	Piper #2	
8500	8600	102		"	
8500	8700	98		"	
8500	8800	95		"	
8500	8900	86		"	
8500	9000	79		"	
8500	9100	77		"	
8500	9200	78		"	
8500	9300	78	70	"	
8500	9400	79	76		

(Cont. next page)

TABULATION OF ESTIMATED DRILLING DEPTHS (Cont.).

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
8500	9500	98	76	Shamrock #2	
8500	9600	9500	67	"	
8500	9700	96		"	
8600	8000	36		Piper #3	
8600	8100	38	50	"	
8600	8200	45	60	"	
8600	8300	60	60	"	
8600	8400	80	87	"	
8600	8500	93	76	"	
8600	8600	102		"	
8600	8700	87		Piper #2	
8600	8800	90		"	
8600	8900	83		"	
8600	9000	78		"	
8600	9100	78		"	
8600	9200	80		"	
8600	9300	80	66	"	
8700	8100	36		Piper #3	
8700	8200	39	55	"	
8700	8300	50	60	"	
8700	8400	70	71	"	
8700	8500	87	75	"	
8700	8600	93		"	
8700	8700	92		"	
8700	8800	88		Piper #2	
8700	8900	82		"	
8700	9000	79		"	
8800	8200	37		Piper #3	
8800	8300	40		"	
8800	8400	63	71	"	
8800	8500	83	85	"	
8800	8600	88		"	

[redacted] [redacted]

TABULATION OF ESTIMATED DRILLING DEPTHS

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
9000	9700	80		Shamrock #4	
9000	9800	95	120	"	
9000	9900	105	120	"	
9000	10000	100	94	"	
9000	10100	79		"	
9000	10200	60		Shamrock #3	
9100	9700	75		Outlet	
9100	9800	95	120	Shamrock #4	
9100	9900	105		"	
9100	10000	102		"	
9100	10100	880		"	
9100	10200	65		Shamrock $3	
9200	9800	90	120	Shamrock #4	
9200	9900	103	120	"	
9200	10000	102		"	
9200	10100	82		Shamrock #3	
9200	10200	70		"	
9300	9500	58		Piper #1	
9300	9600	60		"	
9300	9700	70	60	"	
9300	9800	80		Outlet	
9300	9900	102	120	Shamrock #4	
9300	10000	103		Shamrock #3	
9300	10100	85		"	
9300	102000	70		"	
9400	9100	60		Piper #1	
9400	9200	58	50	"	
9400	9300	59	65	"	
9400	9400	59		"	
9400	9500	57		"	
9400	9600	59		"	
9400	9700	64	60	~~Outlet~~	
9400	9800	75	75	~~Outlet~~	
9400	9900	88	120	Shamrock #4	
9400	10000	102		Shamrock #3	
9400	10100	98		"	
9400	10200	76		"	

(Continued, next page)

TABULATION OF ESTIMATED DRILLING DEPTHS (Cont.).

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
9500	9100	58		Piper #1	
9500	9200	55	50	"	
9500	9300	55		"	
9500	9400	55		"	
9500	9500	54		"	
9500	9600	58		"	
9500	9700	67	60	"	
9500	9800	72		Outlet	
9500	9900	93	118	Shamrock #3	
9500	10000	102		"	
9500	10100	98		"	
9500	10200	68		"	
9600	9200	55		Piper #1	
9600	9300	55	65	"	
9600	9400	50		"	
9600	9500	50		"	
9600	9600	56	60	"	
9600	9700	62	65	"	
9600	9800	78	117	Shamrock #3	
9600	9900	102	117	"	
9600	10000	105	100	"	
9600	10100	90		"	
9600	10200	60		"	
9700	9300	50		Piper #1	
9700	9400	50	60	"	
9700	9500	47		"	
9700	9600	54	75	"	
9700	9700	60	77	"	
9700	9800	90		Shamrock #3	
9700	9900	102	100	"	
9700	10000	102	100	"	
9800	9400	45		Piper #1	
9800	9500	44		"	
9800	9600	50		"	
9800	9700	61	120	"	
9800	9800	90		Shamrock #3	
9800	9900	103		"	
9800	10000	103		"	

(Continued next page)

TABULATION OF ESTIMATED DRILLING DEPTHS (Cont.).

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
9900	9600	55		Shamrock #3	
9900	9700	66		"	
9900	9800	80		"	
9900	9900	101		"	
9900	10000	105		"	
10000	9600	60		Shamrock #3	
10000	9700	67		"	
10000	9800	75		"	
10000	9900	80		"	
10100	9700	58		Shamrock #3	
10100	9800	59		"	
10100	9900	70		"	
10100	10000	80		"	
10200	9800	40		Shamrock #3	
10200	9900	60		"	
10200	10000	63		"	

TOTAL: 16,000 ft.

The above co-ordinates refer to a certain "Triangulation Point", established by the U.S.G.S., about 500' northerly from the East ¼ Cor. of Sec. 15, Twp. 48N, R. 18W, N.M.P.M., in western Montrose Co., Colorado. This "point" is a capped and labeled iron pipe, set in sandstone at the high point of a ridge in the area concerned. It is marked on the maps accompanying this report.

This Triangulation Point has been arbitrarily chosen as a reference point in this survey and report. Its assumed co-ordinates are 10,000' North, and 10,000' East.

It is uniformly indicated on the attached folio of maps by an equilateral triangle "△".

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

224 New Customhouse
Denver 2, Colorado

October 26, 1954

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 3355 (Uranium), Contract Idm-E703, Lowell A. Griffith Associates, 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 pertaining to work under the subject contract for the month of September 1954.

W. H. King

W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

WASHINGTON 25, D. C.

Defense Minerals Exploration Administration
RECEIVED
OCT 28 1954

October 15, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 3355 (Uranium), Contract Idm-E703, Lowell A. Griffith Associates, Montrose County, Colorado. Operator's Monthly Progress Report for the month of September 1954.

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 75 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Your attention is directed to the Power of Attorney, dated September 19, 1954, designating Paul H. Keating as agent of the partnership to receive and receipt for moneys due the partnership by reason of contract Idm-E703.

Remarks:

Date of operator's report	10-1-54
Date report received in B.O.M. field office	10-4-54
Date report received in Regional office	10-15-54

W. H. King

Enclosures

JWT:dm
cc: Sec. to Oper. Comm. (2)
WMTraver
Subject
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
October 14, 1954

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

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

Subject: DMEA 3355, Contract Idm-E703 (Uranium), Lowell A. Griffith Associates (Shamrock group), Montrose County, Colorado--Progress report for September 1954

Enclosed are the original and four copies of the subject progress report, the initial one--forms MF-104 and MF-104A, with narrative, progress map, tabulation of estimated drilling depths, statistical summary, drill hole logs (one copy)--and the original and six copies of M. H. Salsbury's memorandum covering his inspection of the rotary drilling progress and checking the reporting forms. The contract is unit cost on short form MF-200A and documentation is not required.

Salsbury inspected the project October 6, 1954, and verified the 2,189 feet of rotary hole drilling in 30 holes, as reported in the operator's narrative and entered on the MF-104A forms. He describes the period operations satisfactorily in detail as does the operator and found the work being done in conformance with the terms of the contract. Entries and extensions on the reporting forms are correct.

Payment is approved and certified on the MF-104 forms of $2,134.27, or 75 percent of the total $2,845.70 claimed by the contractor.

W. M. Traver

enclosures

WMT/kp

cc / 4
E703
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 2, Colorado
October 14, 1954

OCT 28 1954

Memorandum

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

From: M. H. Salsbury

Subject: DMEA 3355, Contract Idm-2703 (Uranium), Lowell A. Griffith Associates (Shamrock group), Montrose County, Colorado--Progress report for September 1954

Operations under the subject contract were inspected on October 6, 1954, in company with Lowell A. Griffith, superintendent for the operator.

The operator claims payment for work starting on September 21, 1954, consisting of 2,189 feet of dry rotary drilling in 30 holes at a unit cost of $1.30 per foot.

Locations of holes already drilled and the current drilling sites were visited by the DMEA inspector. The hole locations have been surveyed and plotted on a map, are tabulated in the narrative report, and are satisfactory. Procedure for marking and preserving the hole is satisfactory: The marking stake for each hole is cast into a concrete plug manufactured on the site and the hole is fairly well protected but not sealed. The holes probed in the presence of the inspector were several feet shorter than the reported depth, but this was not surprising in view of the recent heavy rains in the area which must have carried a certain amount of sand and mud into many of them.

The operator has radiometric probing equipment and the results of probing were reported, together with one set of hole logs. Four holes in which some mineralization was reported were reprobed with the inspector present. The radiometric readings and the depths to the mineralized horizon substantiated the reported data. In the hole at co-ordinates 9400E.-9500N., 1 foot of ore from 46.5 to 47.5 feet gave readings equivalent to 0.10 percent U_3O_8. In the hole at co-ordinates 9400E.-9600N., 1 foot from 45 to 46 feet gave readings equivalent to 0.20 percent U_3O_8. Holes at co-ordinates 9500 E.-9300N. and 9600E.-9400N. showed a trace of mineralization. On the day of the inspection, Geological Survey personnel was engaged in probing drill holes with their recording equipment. They expect

eventually to probe all holes which remain open. The results of this work will be furnished the operator who has stated that such data will be included in monthly narrative reports. Chemical assays of drill cuttings corresponding to the horizons which showed mineralization radiometrically have not yet been furnished.

The operator has substituted dry rotary "Porta-type" drilling for the wagon drilling specified in the contract. The inspecting engineer considers this a permissible change as rotary drilling is generally superior to wagon drilling, particularly near the limit of feasible wagon drilling depths.

Sampling techniques being employed by the drill operator were not satisfactory: the machine was equipped with a Duolon apparatus placed some 8 to 10 feet above the collar of the hole, and all of the coarse cuttings were being spilled around the collar of the hole and not lifted and recovered with the fine cuttings going through the Duolon. In addition, a sample was being taken at 5-foot intervals by taking all of the stream of cuttings for a period covering only 3 or 4 inches of drilling. This was not a representative sample of each 5 foot of strata drilled. The operator agreed to change the sampling procedure so as to save all cuttings, coarse and fine, over the interval drilled, and then reducing this sample to convenient size for storing by coning and quartering, or by use of a sample splitter.

Samples taken are being saved and stored under cover. Samples which show significant radiometric count are being divided in three parts--one for the Government, one for the operator, and one for chemical assay.

The operator submits for September 1954 a narrative report including a map showing holes drilled, and forms MF-164 and MF-164A in quintuplicate. Monthly and cumulative totals on the MF-164 and MF-164A forms are correct.

All work was done in accordance with the terms of the contract, unless sampling procedures, which are being corrected, are considered to be in violation.

Payment of $8,134.87, or 75 percent of the amount claimed in September 1954, $8,845.70, is recommended.

M. E. Salsbury
Mining Engineer

MES/kp

cc 6
8703
Chron

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

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1954 Docket No. DMEA 3355 Contract No. DDM-E703
Operator's Name Lowell A. Griffith Associates Minerals Uranium
Address P.O. Box 163, Golden, Colo.
Contract Amount, $18,350.00 Government Participation: 75 % Amount, $13,762.50

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	2189'	none	2189			
Bulldozing @ 1.30 =						
Crosscutting			$2,845.70			
Drifting	$2,845.70					
(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	$2,845.70	none	$2,845.70	2845.70		2845.70

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

Date Oct. 1, 1954 Payee Lowell A Griffith Associates (Authorized agent (for above)

Per Paul Keating Title

*When 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:

$ 2134 27

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 10/22/54 Vou. No. DMA-55-27
(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-E703 in accordance with the terms of the contract.

Signature M. B. Salabury $3,134.27 Com Title Mining Engineer Date October 13, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. J. Kung Title Executive Officer Date OCT 15 1954

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-R1151.1
Approval expires 6-30-53.

Department of the Interior
Defense Minerals Adm.
RECEIVED
OCT 28 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1954 Docket No. DMEA 3355 Contract No. IdmpE703
Operator's Name Lowell A. Griffith Associates Minerals Uranium
Address P.O. Box 163, Golden, 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								
Auger	ft.	$2845.70	2189	$2845.70	2189	$1.30	13,500	$1.30
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$2845.70	2189	$2845.70				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		$2845.70		$2845.70				

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.

REMARKS:

Date Oct. 1 1954 Operator Lowell A. Griffith Assoc.
(Authorized agent
Per Paul H. Keating Title (for above).

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 Minerals Administration
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URANIUM

NARRATIVE REPORT TO "DMEA"

For Operations during September 1954,

On Exploration Contract awarded to

Lowell A. Griffith Associates, under

Docket DMEA 3355,
Contract No. Idm-703

From: Paul H. Keating,
Box 163, Golden, Colo.

October 2, 1954.

Sept. 30, 1954.
Docket #3355;
Contract Idm-703

DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customs House, Denver 2, Colorado.

Herewith is a narrative report of the exploration for Uranium-bearing minerals under the above contract and docket number, which contract was awarded Sept. 9, 1954, to Lowell A. Griffith Associates, (a partnership).

Actual exploratory drilling started on the property concerned in the above contract on Sept. 20, 1954. The drillers are "Scott Bros., of Birmingham Alabama".

The drilling equipment itself is a modern Mayhew rotary type drill, putting down a 4¼" hole, equipped with a "Ducone" sample collector.

The specifications of the sample collector required the selection of a rotary-type rig rather than a wagon-drill rig because there is no wagon-drill outfit that has sufficient air-capacity to operate this sampling device. Therefore, on this contract, the same total footage of exploration will be obtained by rotary equipment with a Ducone sampler, instead of by wagon-drill (the air-capacities of which cannot operate a Ducone sampler).

The proposed holes have been laid out on the ground on 100-ft. centers, specified by co-odrinates. Each hole drilled has been capped by a concrete plug about 8" long, and conical in shape. Into each plug has been set a wooden stake, upon which the co-ordinates of that particular hole

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are indelibly marked.

Samples of cuttings have been taken per the contract and letter of transmittal, to wit: At 5 ft. intervals in waste rock, and at 1 ft. intervals, or less, in mineralized zones. Mineralized hole samples are now en proces of chemical analysis, and copies of the results will be submitted in the next monthly report (for October '54). These cuttings have been divided into three units each: One for the chemical assay; one for the DMEA files; and one for the Operator's files.

A complete set of logs is also in preparation and will be submitted with the final (October) report. A resident engineer is on the ground at all times, and the originals of these logs are being made by him, or under his frequent (half-hourly) inspection of the drilling.

Radiometric control of the drilling is being made by a "Babel counter" probing unit. The probe capsule is in contact with a portion of the dust-stream, and the instrument dial is visible to the drillers at all times. Each hole showing any radioactivity is immediately blown clean, at that particular point, and samples taken at very short intervals. While the drill rig is being moved to the next location, the completed hole is immediately probed by this Babel counter, before caving or bridging can take place.

The Atomic Energy Commission has available a "Barnaby counter", which records on tape the radioactivity in a drill hole. As total footage drilled justifies the trip of this equipment from Grand Junction to the property being explored, we shall endeavor to obtain photostat copies of these charts, for inclusion in the October report. This probing service was offered by a Mr. Boardman, an AEC representative stationed at Uravan.

A statistical report is attached hereto, showing the progress and findings to and including September 30, 1954, on this exploration contract.

Also attached hereto is a "Power of Attorney" form specifying the undersigned as the Principal in financial matters pertaining to this contract.

Very truly yours,

Paul H. Keating

Paul H. Keating
Box 163, Golden, Colo.

Oct. 2, 1954

TABULATION OF ESTIMATED DRILLING DEPTHS

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
9000	9700	80		Shamrock #4	
9000	9800	95		"	
9000	9900	105		"	
9000	10000	100		"	
9000	10100	79	80	"	
9000	10200	60	65	Shamrock #3	
9100	9700	75		Outlet	
9100	9800	95		Shamrock #4	
9100	9900	105		"	
9100	10000	102	94	"	
9100	10100	80	80	"	
9100	10200	65	65	Shamrock $3	
9200	9800	90		Shamrock #4	
9200	9900	103		"	
9200	10000	102	100	"	
9200	10100	82	85	Shamrock #3	
9200	10200	70	70	"	
9300	9500	58		Piper #1	
9300	9600	60		"	
9300	9700	70		"	
9300	9800	80		Outlet	
9300	9900	102		Shamrock #4	
9300	10000	103	100	Shamrock #3	
9300	10100	85	78	"	
9300	10200	70	60	"	
9400	9100	60		Piper #1	
9400	9200	58		"	
9400	9300	59	60	"	
9400	9400	59	60	"	
9400	9500	57	53	"	
9400	9600	59	55	"	
9400	9700	64		~~Outlet~~	
9400	9800	75		~~Outlet~~	
9400	9900	88		Shamrock #4	
9400	10000	102	108	Shamrock #3	
9400	10100	98	98	"	
9400	10200	76	78	"	

(Continued, next page)

TABULATION OF ESTIMATED DRILLING DEPTHS (Cont.).

CO-ORDINATES		DEPTHS		CLAIM	Remarks
East	North	Est.	Actual		
9500	9100	58		Piper #1	
9500	9200	55		"	
9500	9300	55	60	"	
9500	9400	55	60	"	
9500	9500	54	54	"	
9500	9600	58	50	"	
9500	9700	67		"	
9500	9800	72		Outlet	
9500	9900	93		Shamrock #3	
9500	10000	102	105	"	
9500	10100	98	95	"	
9500	10200	68	68	"	
9600	9200	55		Piper #1	
9600	9300	55		"	
9600	9400	50	60	"	
9600	9500	50	50	"	
9600	9600	56		"	
9600	9700	62		"	
9600	9800	78		Shamrock #3	
9600	9900	102		"	
9600	10000	105		"	
9600	10100	90	90	"	
9600	10200	60	60	"	
9700	9300	50		Piper #1	
9700	9400	50		"	
9700	9500	47	48	"	
9700	9600	54		"	
9700	9700	60		"	
9700	9800	90		Shamrock #3	
9700	9900	102		"	
9700	10000	102		"	
9800	9400	45		Piper #1	
9800	9500	44		"	
9800	9600	50		"	
9800	9700	61		"	
9800	9800	90		Shamrock #3	
9800	9900	103		"	
9800	10000	103		"	

(Continued next page)

STATISTICAL SUMMARY
(For Sept. 1954).

Holes drilled	30
Average depth	73 ft.
Total footage	2189 ft.

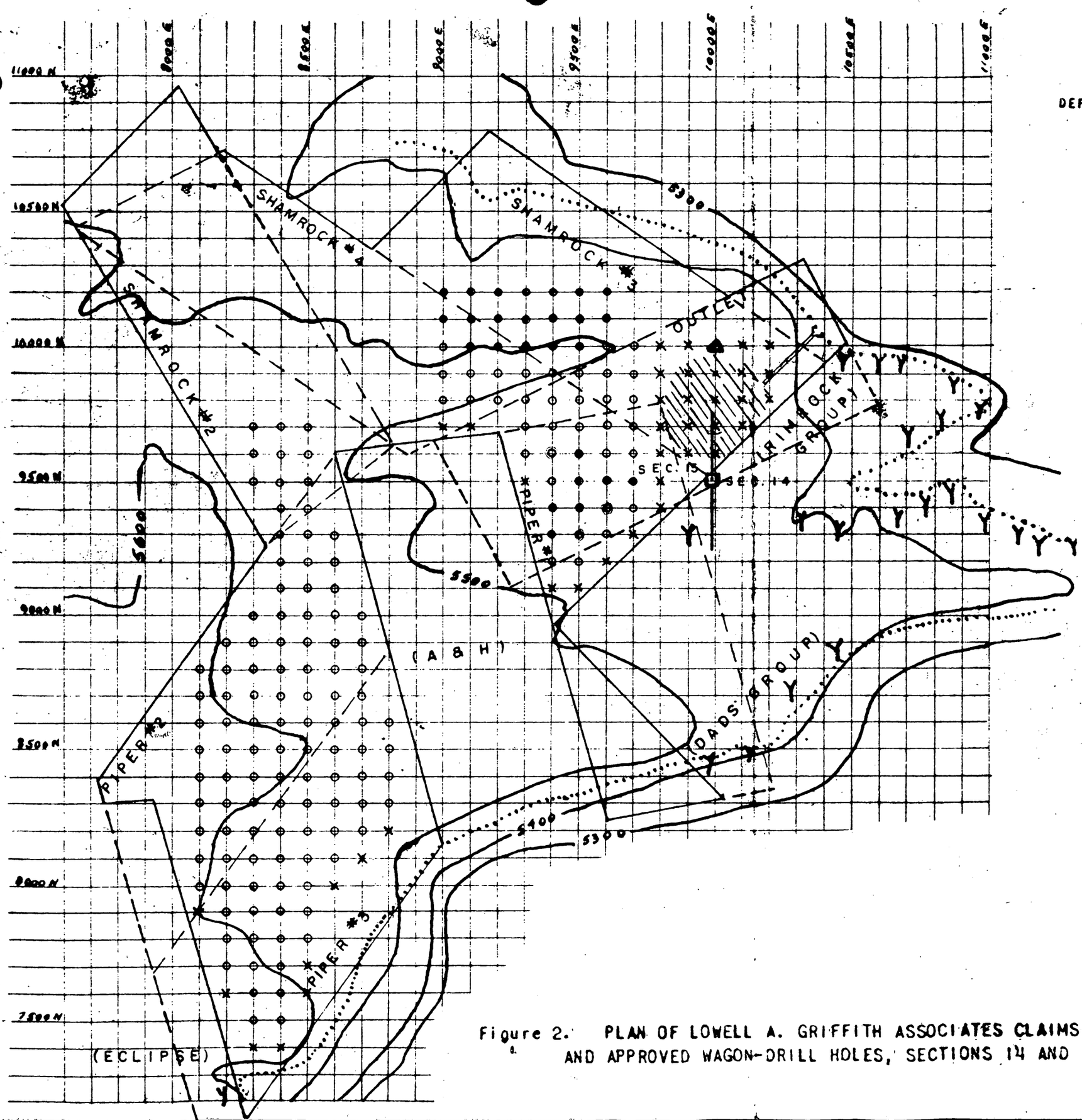
Mineralized holes, per attached gate-fold map:

Co-ordinates	
9400E - 9500N	.10% U_3O_8 (radiometric)
9400E - 9600N	.20% U_3O_8 (")
9500E - 9300N	Trace
9600E - 9400N	Trace

COLOR LEGEND:

On the attached gate-fold map the following color-legend is used:

●	Blank hole	
◎	(Green)	Trace of mineralization
o	(Yellow)	Possible ore (to .10% U_3O_8)
o	(Red)	Ore. (Cuttings over .10%).



U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3355

EXPLANATION

- APPROXIMATE BASE OF LOWEST SALT WASH SANDSTONE LENS
- ○ LOCATION OF WAGON-DRILL HOLE PROPOSED BY APPLICANTS AND APPROVED BY EXAMINING FIELD TEAM
- × LOCATION OF WAGON-DRILL HOLE PROPOSED BY APPLICANTS AND REJECTED BY EXAMINING FIELD TEAM
- Y PROSPECT OR MINE
- ADIT AND UNDERGROUND DRIFT
- △ U.S. GEOLOGICAL SURVEY TRIANGULATION POINT ARBITRARILY CHOSEN AS 10,000 FEET N., AND 10,000 FEET E., AS A REFERENCE POINT FOR THE LOCATION OF PROPOSED WAGON-DRILL HOLES
- APPROXIMATE AREA OF GROUND PREVIOUSLY DRILLED
- APPROXIMATE LOCATION OF ¼ LAND SECTION CORNER
- BOUNDARY OF GROUND LEASED BY APPLICANTS AND NOT IN CONFLICT WITH PREVIOUS CLAIMS. CLAIMS BELONGING OR LEASED TO PARTIES OTHER THAN THE APPLICANTS ARE LABELED IN PARENTHESES

BY R.L. BOARDMAN (COMPILED FROM MAPS SUBMITTED BY APPLICANTS AND FROM DATA OBTAINED FROM FIELD EXAMINATION)

Figure 2. PLAN OF LOWELL A. GRIFFITH ASSOCIATES CLAIMS SHOWING APPROXIMATE LOCATION OF PROPOSED AND APPROVED WAGON-DRILL HOLES, SECTIONS 14 AND 15, T. 48 N., R. 18 W., N.M.P.M.

COPY
([redacted])

POWER OF ATTORNEY

We, the undersigned, members of a partnership designated as Lowell A. Griffith Associates, composed of Lowell A. Griffith, Box 673, Central City, Colorado; Construction Specialties Company, 2625 Walnut Street, Denver 1, Colorado: and Paul H. Keating, Apt. 5, Mines Park, Golden, Colorado, do hereby appoint PAUL H. KEATING, GOLDEN, COLO. to act as the agent of said partnership in all matters connected with the United States Department of the Interior, Defense Minerals Exploration Administration, DMEA Docket 3355, Contract Idm-E703, and in behalf of said partnership to submit to the Government all necessary reports and information required under said contract, and said agent is authorized to receive individually, and to receipt for, any monies that are now or may hereafter become due to said partnership by reason of said Contract Idm-E703.

Date Sept. 19, 1954. Signed Lowell A. Griffith

CONSTRUCTION SPECIALTIES CO.
by W. E. Griffith, Pres.

LOGS OF BLANK HOLES

DMEA #3355 Idm-E703
NOV. 1954 ONLY.

WAGON DRILL LOG

Claim: Piper #2 Date: 10/28
Hole No.: H-191 8100E 8200N Driller: Tuman
Log by: W.B.G.

Depth From	Depth To	Material
0	15	white ss
15	22	red ms & ss streaks
22	40	white ss
40	72	white to tans fine sand
72	100	tans, blue ms
100	108	tans to red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 10/28
Hole No.: H-120 8100E 8400N Driller: Tuman
Log by: W.B.G.

Depth From	Depth To	Material
0	5	white ss
5	20	white ss, red ms tans
20	33	red ms
33	33	white to tans
33	50	tans, blue ms
50	81	tans, blue ms
81	96	tan ss
96	100	red ms & ss

WAGON DRILL LOG

Claim: Piper #2 Date: 10/28
Hole No.: H-135 8100E 8400N Driller: Sarge
Log by: W.B.G.

Depth From	Depth To	Material
0	20	white ss
20	23	red ms
23	30	white ss
30	50	tans, blue fine ms
50	80	tans
80	95	maroon & ss tans
95	100	red ms & ss

WAGON DRILL LOG

Claim: Date:
Hole No.: 8100E 8700N Driller:
Log by:

Depth From	Depth To	Material
0	34	[illegible]
34	47	[illegible]
47	[illegible]	[illegible]
[illegible]	53	[illegible]
[illegible]	63	[illegible]

WAGON DRILL LOG

Claim: Piper #2 Date: 11/3/54
Hole No.: H-111 8100E 8800N Driller: Sarge
Log by: W.B.G.

Depth From	Depth To	Material
0	33	Red ms & ss st.
33	36	white ss hard
36	39	Red ms & ss st.
39	53	tan ss - Med. hard
53	55	Red ss & ms
55	71	tan ss
71	74	Red & Green ms seams & tan ss
74	85	tan ss

WAGON DRILL LOG

Claim: Piper #2 Date: 10/28
Hole No.: H-120 8200E 8100N Driller: Sarge
Log by: W.B.G.

Depth From	Depth To	Material
0	3	soil
3	12	white ss
12	13	red ms
13	25	white to tans, red ms
25	40	white to tans
40	43	red ms & ss
43	81	white to tans
81	103	tans, red & blue ms
103	108	red sandy ms & ss

WAGON DRILL LOG

Claim: Piper #2 Date: 10/28
Hole No.: H-125 8200E 8400N Driller: Tuman
Log by: W.B.G.

Depth From	Depth To	Material
0	15	soil to white ss
15	16	red ms
16	20	white ss
20	23	red ms & ss
23	30	white ss
30	40	red ms & ss tans
40	42	white to tans
42	72	tans
72	82	tans & blue ms
82	90	tan to red ss
90	105	red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 10/28
Hole No.: H-135 8300E 8100N Driller: E.B. Tuman
Log by: W.B.G.

Depth From	Depth To	Material
0	30	red ss & ms
30	33	red ms
33	50	white to tans
50	57	tans, blue ms
57	66	tans, green ms
66	73	green ms & ss tans

WAGON DRILL LOG

Claim: Piper #2 Date:
Hole No.: 8200E 8700N Driller:
Log by:

Depth From	Depth To	Material
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	34	[illegible]
34	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	74	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	79	[illegible]

WAGON DRILL LOG

Claim: Piper #2 Date: 11/3/54
Hole No.: H-110 8200E 8800N Driller: Sarge
Log by: W.B.G.

Depth From	Depth To	Material
0	18	Red ms & ss st.
18	26	white ss
26	31	red ms
31	51	red ss
51	53	red ms
53	60	tans & red ms st.
60	61	tans
61	66	red ms
66	68	tans, red blue ms st.
68	69	red ms
69	82	tans, red ms & tan
82	89	red ms, ss

WAGON DRILL LOG

Claim: Piper #2 Date: 11/6
Hole No.: H-99 8300E 8200N Driller: Sarge
Log by:

Depth From	Depth To	Material
0	3	white ss [illegible]
3	21	Red ms & ss
21	23	hard tan ss
23	41	Red ms & ss
41	43	white ss
43	55	tan ss
55	57	Red ss & ms
57	60	Gray ss
60	65	[illegible]
65	84	tan ss tan &
84	86	Blue ms & ss
86	95	tan ss
95	96	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 10/29/54
Hole No.: H-123 8300E 8100N Driller: Sarge
Log by: Sarge

Depth From	Depth To	Material
0	[illegible]	Soil [illegible]
2	7	Red & white ss
[illegible]	36	Red ms & ss
36	74	tan ss
74	75	Red & Blue ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/2/54
Hole No.: H-114 8200N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	2	Soil [illegible]
2	36	Red & tan ss & [illegible]
36	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	73	tan [illegible]
73	[illegible]	[illegible]
74	82	tan [illegible]

WAGON DRILL LOG

Claim: Piper #2 Date: 11/3/54
Hole No.: H-109 8300E 8200N Driller: Sarge
Log by: W.B.G.

Depth From	Depth To	Material
0	31	Red ms & ss
31	39	tan ss hard
39	42	Red ms & ss
42	43	tan ss hard
43	45	Red & ss
45	82	tan ss
82	83	Red [illegible]
83	90	tan & [illegible]
90	91	[illegible] ss
91	93	Gray & tan ss
93	94	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/5
Hole No.: H-120 8300E 8100N Driller: Sarge
Log by: E.B.T.

Depth From	Depth To	Material
0	26	red & tans
26	[illegible]	white ss
[illegible]	43	[illegible]
43	55	tan ss
55	59	Red ss & ms
59	74	tan ss
74	81	[illegible]
81	82	tan ss
82	83	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/6
Hole No.: H-92 8300E 8000N Driller: Sarge
Log by:

Depth From	Depth To	Material
0	6	white ss hard
6	16	Red ms & ss
16	18	tan ss hard
18	24	Red ss & ms
24	31	hard tan ss
31	40	Red ss & ms
40	52	tan ss
52	53	Red ms
53	87	tan ss
87	88	Red ss & ms
88	90	tan ss hard
90	91	Red ss

WAGON DRILL LOG

Claim: Piper #2 Date: 11/9
Hole No.: H-83 8300E 8100N Driller: Sarge
Log by: W.B.G.

Depth From	Depth To	Material
0	12	red ms & ss
12	14	white ss
14	22	red ms & ss
22	24	white ss
24	25	red ms & ss
25	27	white ss
27	31	red ms & ss
31	37	white ss
37	40	red ms
40	46	white ss
46	56	white ss to tans
56	57	red ms
57	73	tans to white ss
73	74	[illegible]
74	75	red ss
75	78	[illegible]
78	80	red & [illegible]

WAGON DRILL LOG

Claim: Piper #2 Date: 11/10
Hole No.: H-74 8300E 8100N Driller: Sarge
Log by: W.B.G.

Depth From	Depth To	Material
0	19	Red & [illegible] ss
19	26	white ss
26	35	Gray & red ms ss
35	37	white ss hard
37	49	red ms & ss
49	52	white ss hard
52	55	red ss & ms
55	57	white ss tan
57	61	red ms & ss
61	78	tan ss red streaks
78	102	tans & [illegible]
102	107	Gray & tan ss
107	110	tan ss
110	120	red & blue ms

WAGON DRILL LOG

Claim: Piper #2 Date: 10/29/54
Hole No.: H-122 8300E 8100N Driller: Sarge
Log by: E.B.T.

Depth From	Depth To	Material
0	4	White ss hard
4	35	Red ms & ss
35	69	tan ss
69	70	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 10/31/54
Hole No.: H-115 8300E 8100N Driller: Sarge
Log by: Sarge

Depth From	Depth To	Material
0	4	white ss hard
4	25	Red ms & ss
25	30	white ss
30	36	Red ms
36	56	tan ss
56	58	white ms
58	66	tan ss
66	67	blue ms
67	75	tan ss & blue ms

LOGS OF BLANK HOLES

DMEA #3355-Idm-E703
NOV. 1954 (ONLY)

WAGON DRILL LOG

Claim: Piper #2 Date: 11/3/54
Hole No.: H-108 8400E 8800N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	3	soil
3	4	white ss
4	1	red ms
7	8	white hard ss
8	13	red ms
13	18	red ms f ss / tan ss
18	20	red ms
20	26	red & white ss f ms
26	27	white ss (hard)
27	38	red ms f ss white
38	54	white ss
54	55	red mafic
55	61	tan ss, red ss
61	63	red ms
63	65	tan ss, blue ms streaks
65	65	red & tan ss & red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/5
Hole No.: H-121 8400E 8400N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	16	red ms & ss
16	17	red ss
17	26	red ms & ss
26	42	white ss
42	45	Red to tan ss
45	59	tan ss
59	70	tan ss with Red ss
70	73	tan ss
73	86	tan ss - Red & Blue ms
86	97	Red & Blue ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/5
Hole No.: H-97 8400E 8400N Driller: Sarge
Log by: E.B.T.

Depth From	Depth To	Material
0	5	white to tan ss
5	22	Red ss & ms
22	23	hard tan ss
23	28	Red ss & ms
28	31	tan ss
31	34	Red ss & ms
34	35	white ss hard
35	38	Red ss & ms
38	42	white ss hard
42	53	tan ss
53	55	Red ss & ss
55	66	tan ss
66	70	Red, Blue ss & tan ss
70	80	tan ss
80	88	Blue ms & ss
88	89	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/8
Hole No.: H-91 8400E 9100N Driller: Tomas
Log by: Tomas

Depth From	Depth To	Material
0	6	Red ms
6	8	white ss hard
8	24	Red ms & ss
24	32	White ss
32	33	Red ms
33	38	tan ss
38	39	Red ms
39	58	tan ss
58	71	tan ss Gray ms & sh
71	76	white to tan ss
76	77	Gray ms
77	79	tan ss
79	80	Gray ms & tan ss

WAGON DRILL LOG

Claim: Piper #2 Date: 11/8
Hole No.: H-90 8400E 9200N Driller: Sarge
Log by: [illegible] & E.B. Tomas

Depth From	Depth To	Material
0	7	white ss
7	9	red ms & ss
9	12	white ss
12	15	red ms & ss
15	18	white & tan ss
18	19	red ms
19	21	red to white ss
21	30	red ms & ss
30	33	white ss
33	45	tan ss, Gray ms & sh
45	46	Red ss & ms
46	80	tan ss, green ms & sh
80	82	green & gray ms
82	88	red ms

WAGON DRILL LOG

Claim: Shamrock #2 Date: 11/1
Hole No.: H-75 8400E 9100N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	14	red ms & ss
14	16	white ss hard
16	41	red ms & ss
41	50	white ss hard
50	52	red ms & ss
52	54	white ss hard
54	59	red ms & ss
59	64	tan ss
64	76	red ss & ms
76	93	tan ss
93	103	Gray ms - sh, tan ss
103	104	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 10/29/54
Hole No.: H-121 8500E 8400N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	4	White ss hard
4	30	Red ms & ss hard stringers
30	51	White to tan ss
51	52	Red ms & tan ss
52	68	tan ss
68	70	Red ms & ss

WAGON DRILL LOG

Claim: Piper #2 Date: 10/31/54
Hole No.: H-116 8500E 8200N Driller: Sarge
Log by: Sarge Tomas

Depth From	Depth To	Material
0	3	Hard white ss
3	7	Red ss & hard ss - st
7	16	tan ss
16	17	Red ms
18	20	tan ss hard
20	24	Red ms & ss - st
24	46	tan ss
46	54	tan ss with red ms
54	62	tan ss
62	63	Blue ms
63	67	tan ss with ms streaks
67	68	red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/4/54
Hole No.: H-107 8500E 8400N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	5	Surface
5	7	hard white ss
7	28	Red ms & ss
28	30	tan ss
30	36	Red ms & ss
36	39	tan ss hard
39	40	Red ms
40	42	tan ss
42	48	red ms
48	66	tan ss, red ms streaks
66	68	red ms & ms
68	69	tan to gray ss, blue ms
69	88	red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/5
Hole No.: H-102 8500E 8200N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	20	red ms & ss
20	29	red to white ss
29	38	red ss & ms streaks
38	39	white to tan ss, red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/6
Hole No.: H-96 8500E 9200N Driller: Sarge
Log by: E.B.T.

Depth From	Depth To	Material
0	5	Red ms & ss
5	6	white ss hard
6	11	Red ms & ss
11	15	white ss hard
15	19	Red ss & ms
19	21	white ss hard
21	25	Red ms & ss
25	29	white ss
29	61	tan ss
61	77	tan ss, Blue ms streaks
77	78	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/8
Hole No.: H-92 8500E 9100N Driller: Sarge
Log by: [illegible] & E.B.T.

Depth From	Depth To	Material
0	9	Red ms & ss
9	13	white ss hard
13	15	Red ms
15	17	tan ss hard
17	21	red ms & ss
21	28	white ss to tan ss
28	29	red ms
29	32	tan ss
32	33	red ms
33	37	red & tan ss
37	51	tan ss
51	52	gray ms
52	62	tan ss, gray ms streaks
62	63	gray ms
63	67	tan ss
67	70	gray, red ms & ss

WAGON DRILL LOG

Claim: Piper #2 Date: 11/8
Hole No.: H-89 8500E 9200N Driller: Sarge
Log by: Tomas

Depth From	Depth To	Material
0	3	white ss hard
3	7	Red ms
7	13	White to red ss
13	15	red ms
15	17	white & red ss
17	19	hard white ss
19	20	red ms
20	21	white ss
21	26	Red ss & ms
26	40	white ss
40	42	Red ms & ss
42	45	tan ss, Gray ms, sh
45	80	Green rock returns

WAGON DRILL LOG

Claim: Shamrock #2 Date: 11/9
Hole No.: H-76 8500E 9100N Driller: Sarge
Log by: Sarge

Depth From	Depth To	Material
0	5	Red ms & ss
5	7	white ss
7	12	Red ms & ss
12	14	white ss hard
14	18	Red ms & ss
18	20	white ss
20	31	red ms & ss
31	32	white ss
32	43	red ms & ss
43	49	tan ss hard
49	52	ms & ss
52	55	tan ss
55	90	White & mud returns
90	115	Green's - sh returns

WAGON DRILL LOG

Claim: Piper #2 Date: 10/30/54
Hole No.: H-126 8500E 8600N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	4	White ss hard
4	30	Red ms with hard ss
30	49	tan ss
49	50	Red ms
50	63	Gray & tan ss
63	65	Blue ms
65	67	tan ss
67	68	Red & Blue ms

WAGON DRILL LOG

Claim: Piper #2 Date: 10/30/54
Hole No.: H-112 8500E 8800N Driller: Sarge
Log by: E.B. Tomas

Depth From	Depth To	Material
0	11	Red ms & ss
11	18	tan ss
18	25	Red ms & ss hard
25	37	tan ss
37	38	Red ms
38	40	tan ss
40	41	Red ms & ss
41	46	tan ss - Blue ms
46	49	Red ms & ss
49	59	tan ss & Blue ms
59	60	red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/4
Hole No.: H-104 8500E 8600N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	7	soil & tan ss
7	19	tan to red ss
19	22	Red ms & ss
22	28	tan ss
28	36	Red ms & ss
36	48	tan ss
48	49	red & blue ms
49	60	tan ss
60	61	Red ms
61	70	tan ss
70	85	tan ss, blue ms streaks
85	86	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/4
Hole No.: H-103 8500E 8700N Driller: Sarge
Log by: [illegible]

Depth From	Depth To	Material
0	18	Red to tan ss
18	20	White ss hard
20	28	Red ms & ss
28	30	Hard white ss
30	36	red ms & ss - st
36	46	white to red ms & ss
46	51	white to tan ss
51	62	red ms
62	80	white to tan ss
80	84	tan ss, green & blue ms streaks
84	90	gray & red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/4
Hole No.: H-95 8500E 8800N Driller: Tomas
Log by: [illegible]

Depth From	Depth To	Material
0	6	red ms & ss
6	7	white ss
7	11	red ms & ss
11	14	white ss
14	16	white ss red ms streaks
16	22	red ms & ss
22	30	tan ss
30	32	Red ms
32	41	Gray ss to tan ss
41	56	tan ss red & blue ms streaks
56	68	tan to white ss
68	75	tan ss, blue ms streaks
75	76	Red ms

WAGON DRILL LOG

Claim: Piper #2 Date: 11/8
Hole No.: H-93 8500E 8900N Driller: Tomas
Log by: [illegible]

Depth From	Depth To	Material
0	6	white ss
6	8	red ms & ss - tan ss
8	20	white ss
20	21	Red ss & ms
21	37	tan ss & Red ms streaks
37	40	Blue, Red ms & tan ss
40	41	Red ms
41	64	tan ss, Blue ms streaks
64	65	Red ms

LOGS OF BLANK HOLES

DMEA #3355 - Idm-E103
NOV, 1954 ONLY.

WAGON DRILL LOG

Claim Piper #2 Date 11/9
Hole No. H-88 8100E 8200N Driller Lamon
Log by Lamon

Depth From	Depth To	Material
0	6	Red ms & ss
6	8	white ss hard
8	11	red ms & ss
11	16	tan tinted ss
16	19	red ms & ss
19	20	white ss hard
20	24	red ss & ms
24	49	tan ss
49	53	red ms & ss
53	64	tan ss, gray ms stks
64	66	red gray ms, tan ss
66	80	gray ms & tan ss

WAGON DRILL LOG

Claim Piper #3 Date 10/30/54
Hole No. H-111 8700E 8200N Driller Sarge
Log by WBG

Depth From	Depth To	Material
0	4	Red ms & ss
4	21	white ss hard
21	22	Red ms
22	42	tan ss
42	43	Red ms & ss
43	46	Red & Blue ms
46	54	tan ss
54	60	ms

WAGON DRILL LOG

Claim Piper #2 Date 11/4
Hole No. H-105 8700E 8200N Driller Sarge
Log by WBG

Depth From	Depth To	Material
0	8	white ss
8	11	red ms
11	14	white ss hard
14	18	red ms
18	28	red ms & ss
28	30	red ms
30	38	white ss, red ms stks
38	52	white to tan ss
52	60	white ss, reddish stks
60	76	tan ss
76	87	tan ss & 3" ms stks
87	88	Red ms

WAGON DRILL LOG

Claim Piper #3 Date 11/30/54
Hole No. H-124 8600E 8200N Driller Sarge
Log by WBG

Depth From	Depth To	Material
0	2	[illegible]
2	10	[illegible]
10	23	[illegible]
23	46	[illegible]
46	48	Red ms
48	72	tan ss & ms stks
72	75	Red ms & ss

WAGON DRILL LOG

Claim Piper #3 Date 10/30/54
Hole No. H-119 8100E 8200N Driller Sarge
Log by

Depth From	Depth To	Material
0	6	Red ms
6	8	white ss hard
8	29	Red ms & ss stks
29	46	tan ss
46	48	Red ms & ss
48	52	tan ss & Red ms
52	55	Ore & Sepiolite
55	57	tan ss
57	58	Ore [illegible]
58	69	tan ss
69	70	Red & Blue ms & ss

WAGON DRILL LOG

Claim Piper #2 Date 11/4
Hole No. H-104 8100E 8200N Driller Sarge
Log by WBG

Depth From	Depth To	Material
0	6	white ss
6	11	red ms
11	15	white ss, red ms stks
15	16	red white ss
16	21	red ms & ss
21	22	white ss hard
22	29	red ms
29	32	red ss & ms stks
32	35	red ms
35	37	white ss
37	39	red ms
39	65	white ss to tan ss
65	80	tan ss & ms stks
80	85	tan, blue ms stks
85	95	tan ss & red ms

WAGON DRILL LOG

Claim Piper #2 8100E 8200N Date 11/8
Hole No. [illegible] 74 Driller [illegible]
Log by

Depth From	Depth To	Material
0	1	Red ms
1	5	white ss hard
5	7	Red ss & ms
7	9	white ss stks
9	15	red ms & ss stks
15	22	tan ss w/ white ss
22	25	red ms & ss
25	41	tan ss
41	45	tan ss, gray ms
45	56	tan ss, gray ms
56	62	red gray ms

LOGS OF MINERALIZED HOLES.

Probe Data:---
Date 10/30/54
By
Instrument
Background

From	To	8700E 8600N
53	54	.20
54	55	1% + (ore)

Probe Data:---
Date 11/4/54
By
Instrument
Background

From	To	8700E 8900N
70.4	70.8	.35 (ore)

Probe Data:---
Date 11/8/54
By
Instrument
Background

From	To	8700E 9000N
44	45	.08 Mineralized

PROBE DATA OF MINERALIZED HOLES.