Knowe

JAN - 7 1954

Mr. [illegible] King
Executive Officer
AEC Field Team, Region IV
228 New Customhouse Building
Denver 2, Colorado

Re: Docket No. [illegible]-2661 (Vanadium)
Contract No. [illegible]
Mt. of Grail Claims
Garfield County, Colorado

Dear Mr. King:

We have decided not to issue a certificate of discovery or development on this project as recommended by the Field Team, as we do not believe the quantity of ore discovered justifies the issuance of such a certificate.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Advisors:

J. H. Hedges

Director, Bureau of Mines

D. M. Larrabee

Director, Geological Survey

FIKnowe/gla/db
12-29-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. H.B.Keiser, Rm. 3641
A.P.Butler, Jr., Rm. 3212, GSA
Ellis
Knowe

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

JAN - 7 1954

Mr. [illegible] Cover
Box 11[illegible]
[illegible], Colorado

Re: Docket [illegible] (Uranium)
Contract No. [illegible]
Tail of [illegible]
[illegible] County, Colorado

Dear Mr. Cover:

This is with reference to the subject exploration project Contract between you and the Government.

The final report of review of the Contract expenditures and the final report of the field [illegible] have been received and accepted by this Administration. The Treasury's monthly report for [illegible] 1953, is hereby accepted in lieu of a final report. The total amount of [illegible] expended under the contract was expended, [illegible] percent of which, or [illegible], represented the Government's share. There were no unused materials, supplies or equipment to be disposed of for the joint account of the Contractor and the Government. The exploration work was conducted in a satisfactory manner.

Because the results of the exploration were unsuccessful, it is not our intention to issue a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to Article 5 (c) of the Contract which requires the Contractor to "keep and preserve such records and accounts for at least 3 years after the completion of the project or the termination of this contract."

Your interest in the exploration program of the Defense Minerals Exploration Administration and your willingness to participate therein are appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

MChing/ele 12-23-53
cc to: Adm. Reading File
Operating Committee
Docket
cc to: H.L.Keiser, No. 3641
A.P.Butler, Jr., No. 3212
Ellis Ching DMEA Region IV (2)

12/17/53
fle

224 New Customhouse
Denver 2, Colorado

December 4, 1953

Memorandum

To: Secretary to Operating Committee, DMEA

From: DMEA Field Team, Region IV

Subject: Docket DMEA 2661 (Uranium), Contract Idm-E487, W.L. Weaver, End of Trail No. 2 Claim, Garfield County, Colorado

Enclosed are the following final reports relative to work performed under the subject contract.

1. Original and three copies of the final engineering report by the Bureau of Mines.

2. Original and three copies of the final geologic report by the Geological Survey.

The operator intended that the report attached to his MF-104 report for the month of July 1953 be considered as his final report. The report appears to be adequate under the circumstances and we recommend your acceptance of it as such. The operator's form MF-104 for the month of July 1953 was processed for final payment in this office October 26, 1953, in conformance with the final report of review by the Contract Administration and Audit Division, dated October 14, 1953, which was released to this office October 23, 1953.

Work was completed as authorized in the contract, at a total expenditure of $2,000.00, in which the Government participated to the extent of 90% or $1,800.00.

The exploration work resulted in the discovery of a small amount of uranium ore and recommendations relative to the issuance of a certificate of discovery or development were forwarded to the Washington office by our memorandum of October 7, 1953.

Enclosures

W. H. King
W. H. King

JWT:jp
cc Contract
Chron
WMTraver)
RPFischer)w/1 copy ea. rept.
ERGordon)
AHKoschmann w/1 copy eng. rept.
JWTownsend

for E. M. Koschmann
E. M. Koschmann

Reviewed by
DMEA OPERATING COMMITTEE
12-16-53

See Opr.'s July 1953 MF-104 as final report

Field Team's final report 12/4/53

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
September 30, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2661, Contract Idm-E487, (Uranium), W. L. Weaver (End of Trail No. 2 claim), Garfield County, Colorado -- Final engineering project report

Transmitted herewith are the original and ten copies of Russell R. McLellan's final engineering project report on Contract Idm-E487.

McLellan concludes sufficient exploration by drifting has been completed to warrant recommendation of a discovery if, in the opinion of administrative officers, a possible ultimate production of 15 to 20 tons of fair-grade uranium ore satisfies the requirements. He recommends no further exploration with Government financial assistance, but suggests, and it is assumed the operator will continue, limited development along the trend of rolls exposed on present project work.

I approve the conclusions and recommendations adding that any production will be subject to usual DMEA royalties.

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 10
E487
DMEA Chron

Reviewed by
DMEA OPERATING COMMITTEE
12-16-53
(Date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

FINAL ENGINEERING REPORT

DMEA 2661, Exploration Project Contract Ida-2487

Mae of Trail No. 2 Claim

W. L. Weaver

Garfield County, Colorado

Uranium

Russell R. McLellan, Mining Engineer
Bureau of Mines

September 22, 1953

Reviewed by
DMEA OPERATING COMMITTEE
12-16-53
(date)

DMEA 2661, Contract I&m-2487

END OF TRAIL NO. 2 CLAIM
W. L. WEAVER
GARFIELD COUNTY, COLORADO

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Final Engineering Report — Page

Summary and introduction..... 1
Location and ownership..... 1
History and production..... 2
Description of deposit..... 2
Work completed under contract..... 3
Description of discovery..... 3
Expenditures..... 5
Conclusions..... 5
Recommendations..... 5

ILLUSTRATIONS

Figure — Follows Page

1. Location map, End of Trail No. 2, W. L. Weaver, Garfield County, Colo..... 1
2. Plan map showing exploration completed, End of Trail No. 2 mine..... 3

DMEA 2661, Contract Idm-2487

END OF TRAIL NO. 2 CLAIM
W. L. WEAVER
GARFIELD COUNTY, COLORADO

FINAL ENGINEERING REPORT

By

Russell R. McLellan

SUMMARY AND INTRODUCTION

W. L. Weaver of Silt, Colo., received assistance from the Defense Minerals Exploration Administration to explore for uranium at the End of Trail No. 2 mine, Garfield County, Colo. Contract Idm-2487 authorized a total of 100 feet of drifting at a unit cost per foot of $20.00 or a total cost of $2,000.00, Government participation 90 percent or $1,800.00.

Work commenced on February 18, 1953, and was completed on July 31, 1953. Two small ore deposits were discovered from which about 15 tons of ore had been mined up to the date of the final inspection on August 13, 1953.

Certification of discovery is recommended.

LOCATION AND OWNERSHIP

The End of Trail No. 2 claim is on the east slope of Elk Creek valley, 6.2 miles by county road and State Highway 329 to U. S. Highway 24 at New Castle, Colo. It is in sec. 10, T. 5 S., R. 91 W., sixth principal meridian, Gold Stone Mining District, Garfield County, Colo. (fig. 1).

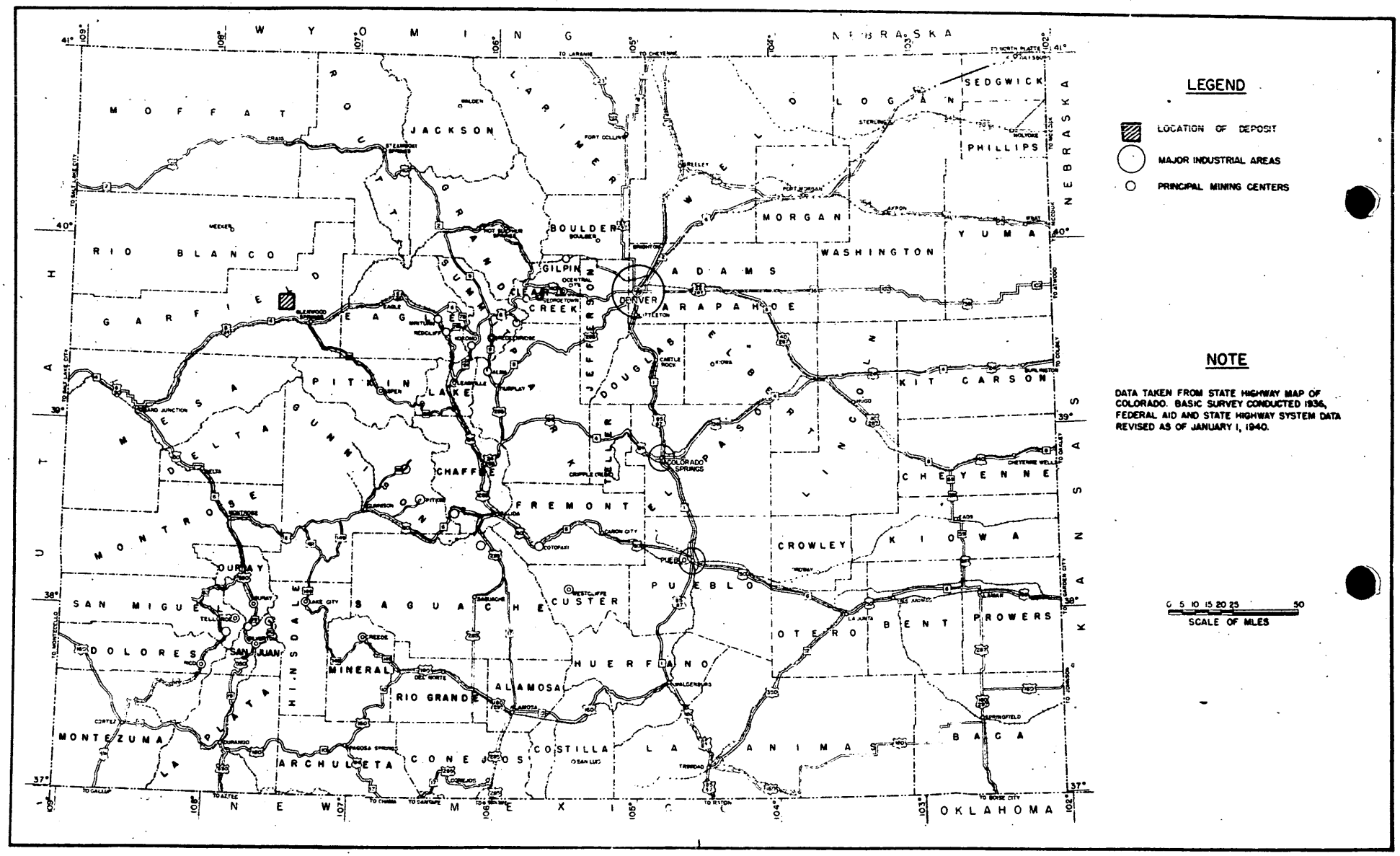


FIGURE 1. - LOCATION MAP, W. L. WEAVER, END OF TRAIL NO. 2 MINE, GARFIELD COUNTY, COLO. (DMLA 2561)

The claim originally was located in 1942 by C. J. Crawford and F. H. Long who sold it to C. E. Wittwer and W. L. Weaver on June 14, 1951. On September 28, 1951, Wittwer gave Weaver a quitclaim deed for his interest, and Weaver is now the sole owner.

HISTORY AND PRODUCTION

Until the present exploration program was accomplished, no production had come from the claim since its location in 1942. About 15 tons had been produced at the completion of the exploration program on July 31, 1953. One shipment was made of 7.25 tons which contained 0.27 percent U_3O_8 and 3.14 percent V_2O_5. The grade of the remaining tonnage probably will average slightly less than the first shipment.

DESCRIPTION OF DEPOSIT

Uranium and vanadium mineralization was first noted in an exposed sandstone of the Morrison formation about 300 feet above the valley floor. A short adit was driven along the mineralization for a distance of 45 feet at which point contract work commenced with Government assistance. Uranium and vanadium mineralization to the 45-foot mark was spotty, low-grade, and for the most part little more than stain in a zone ranging in thickness from several inches to about 3 feet at the portal.

Two small tabular deposits, discovered as a result of the exploratory drifting, indicate that there is little likelihood of encountering a large ore body in the area. All ore exposed thus far has been limited to the two small deposits or rolls and several

implated logs. The rolls probably will contain less than 10 tons each and the logs appear to contain very little uranium and vanadium replacement. The thickness of mineable ore did not exceed 2.5 feet in either roll. The maximum thickness of ore showing in the drift walls at the close of the work was less than 1.0 foot.

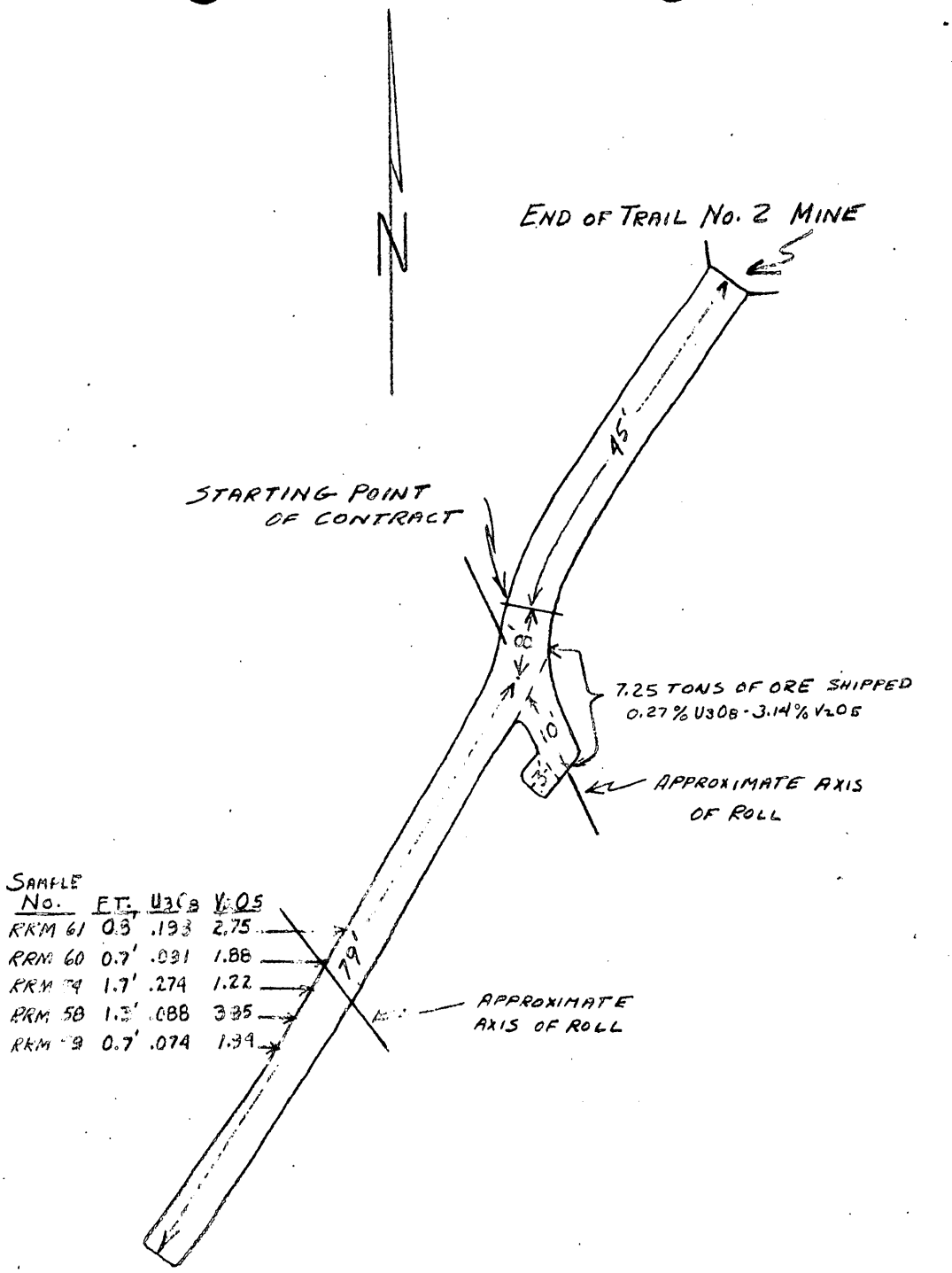
WORK COMPLETED UNDER CONTRACT

A total of 100 feet of drifting was completed as authorized by the contract. The work was done in a satisfactory manner at the extremely reasonable cost of $20.00 per foot for a total expenditure of $2,000.00.

One main drift was extended from the original heading at 45 feet from the portal to the final heading at 132 feet from the portal, a distance of 87 feet. One spur drift was driven for a distance of 13 feet (fig. 2).

DESCRIPTION OF DISCOVERY

Shortly after contract work commenced, a small roll or tabular deposit of ore was encountered, the long axis of which was crossed approximately 50 feet from the portal (fig. 2). The trend of the roll was roughly N. 30° W. and the actual width did not exceed 10 feet. The maximum thickness was about 2.5 feet. Drifting progressed S. 30° E. for 10 feet at which point the roll pinched out. No attempt was made to determine the extent of the roll to the northwest. The first shipment of 7.25 tons was from this roll. The average grade was 0.27 percent U_3O_8 and 3.14 percent V_2O_5.



FROM BRUNTON AND TAPE SURVEY
BY R.R. McLELLAN

0 20 40
SCALE IN FEET

FIG 2. PLAN MAP SHOWING EXPLORATION COMPLETED. END OF TRAIL No. 2 MINE, DMEA 2661

The main drift was extended S. 30° W. for a distance of 85 feet from the portal at which point a second roll was encountered which appeared to be trending more or less parallel to the first. No drifting was attempted in either direction along the roll. The following samples were cut at 4-foot intervals across the roll as shown on figure 2:

Sample No.	Distance from portal (feet)	Width (feet)	Percent U_3O_8	Percent V_2O_5
RIM-61	88	0.8	0.198	2.75
RIM-60	92	0.7	0.091	1.88
RIM-54	96	1.7	0.274	1.22
RIM-58	100	1.3	0.088	3.85
RIM-59	104	0.7	0.074	1.94
Weighted average		1.0	0.164	2.30

The main drift was extended about 28 feet beyond the second deposit without encountering mineralization.

It is apparent that the thickest portion of each roll was removed while drifting was in progress, leaving an average thickness of less than a foot of mineralized rock exposed in the walls in the vicinity of the rolls. At a cost of about $20.00 per foot of drifting, this rock does not contain sufficient uranium and vanadium to be classified as ore under the present prices. It is estimated that about 20 tons of rock remain in the vicinity of the rolls that will contain an average of 0.15 percent U_3O_8 and 2.0 percent V_2O_5. Development along these more favorable trends may disclose a temporary increase in the thickness or grade of the mineralized zone sufficient to make the rock commercially valuable.

EXPENDITURES

Contract Idm-2487 authorized a total expenditure of $2,000.00 with Government participation of 90 percent or $1,800.00. The full amount was used in driving 100 feet of drift at a cost of $20.00 per foot. Since the contract is on a short form, the Government has no equity in equipment or supplies.

Settlement sheets have not been received for ore shipments made to date; consequently, the total value of the shipments or of royalty due the Government is not known at this date.

CONCLUSIONS

It is concluded that the drifting sufficiently explored the mineralized area to discount the possibility of making any other significant discoveries. Additional development work in the more favorable area may result in the production of a few tons of ore, but in general, it is believed that the deposits will be too limited in area and thickness to pay for extensive development.

RECOMMENDATIONS

A limited amount of development or exploration should be done along the trend of the rolls to make certain that the thickest portions were encountered and not merely the thinning edges of the rolls. This work should be financed by the operator as the purpose of assistance by the Government is believed to have been adequately fulfilled.

Since a small discovery was made which will result in the production of 15 to 20 tons of fairly good ore, it is recommended that a discovery be certified in accordance with the administrative policy on other comparable projects.

As previously mentioned, it is doubtful that additional production at present will be economically feasible; however, with a little development work a few more tons of ore may be encountered.

Pending final auditor's Report of Review, it is recommended that the contract be closed.

/kp

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
Denver Federal Center
Denver 2, Colorado

RECEIVED
DEC 1 0 1953

November 27, 1953

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 2661, Contract Idm-E487, End of the Trail Claim No. 2, Garfield County, Colorado

Enclosed are 8 copies of the final geologic report by D. R. MacLaren of the U. S. Geological Survey covering the above docket.

It is recommended that a certificate of discovery be issued.

A. H. Koschmann

A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (8)

END OF THE TRAIL CLAIM NO. 2

GARFIELD COUNTY, COLO.

DMEA DOCKET 2661

Final Geologic Report

By D. R. MacLaren
U. S. Geological Survey

Reviewed by
DMEA OPERATING COMMITTEE
12-16-53
(date)

END OF THE TRAIL CLAIM NO. 2
GARFIELD COUNTY, COLORADO

INTRODUCTION

Mr. W. L. Weaver of Silt, Colorado, has completed the program provided for in contract Idm-E487, and a final examination was made September 8, 1953. This report summarizes the extent of work performed and the results achieved under this contract. It is recommended that a certificate of discovery be issued.

The geologic setting of the area is outlined in a report submitted shortly after the property was first visited on October 8, 1952, and will not be repeated at this time.

EXPLORATION

At the time of the first examination, a showing of carnotite had been followed by a crosscut for 38 feet. This was advanced by the operator an additional 7 feet by the time the contract was signed. During the period of the contract, the crosscut was advanced 87 feet placing the breast a total of 132 feet from the portal (figure 2, Final Engineering Report). Two zones of radioactive mineralization were found, the first from 46 to 72 feet from the portal of the crosscut, the second from 88 to 104 feet from the portal. The deeper zone comprised a few small irregular pods of radioactive material. The Bureau of Mines examiner sampled five pods that assayed as follows:

Location Feet from portal	Width Feet	% U_3O_8	% V_2O_5
88	0.8	.198	2.75
92	0.7	.091	1.88
96	1.7	.274	1.22
100	1.3	.088	3.85
104	0.7	.077	1.94

The pod at 96 feet and possibly the one at 88 feet are the only ones of mineable grade, and they were so small that they did not extend across the full width of the crosscut. The chance that this series of pods forms an ore zone of any lateral extent is poor. The first zone encountered was about 6 feet wide along the southeast wall and about 2 feet wide along the northwest wall. It was followed by a drift to the southeast for 10 feet where it appeared to pinch out. There was a possibility that the drift had not followed the ore; however, a 3-foot crosscut driven to the southwest at the end of the drift proved the ore zone to be only a small lens. This crosscut completed the 100 feet of combined crosscutting and drifting allowed under the contract.

The operator requested additional funds to drift to the northwest on a small showing of carnotite, but because this drifting would in effect be a mining operation, and because of the very small size, scattered occurrence, and general low grade of the ore zones, it was recommended that the request be denied.

CONCLUSIONS AND RECOMMENDATIONS

It is concluded that 15 to 20 tons of ore assaying about .15% U_3O_8 and 2.0% V_2O_5 have been found, that the ore is in small lenses and pods, and that the chance of making a significant discovery of uranium ore is poor and does not warrant further DMEA participation. Only because 7.25 tons of ore have been shipped and another 8 to 10 tons is ready for shipment, is it recommended that a discovery be certified.

10/27/53 gla

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

M. L. Weaver
Box 114
Silt, Colorado

pertaining to Exploration Project Contract No. Idm-2487, Docket No. DMEA 2661, covering a project for exploration of Uranium, located in Garfield County, Colorado, commonly known as End of Trail #1 and End of Trail #2, for the months of February 1953 to July 1953.

My review included an examination of the Monthly Reports (Form MP-104) and supporting documents attached thereto, comparison of costs claimed with the contract and pertinent schedules, consultation with the Executive Officer of the Field Team in charge of the project, and a determination of the reasonableness and propriety of the costs.

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

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

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

Total cost as billed by Contractor		$2,000.00
Exceptions:		
By DMEA Finance Officer	None	
Herewith	None	None
Total Accepted Cost		$2,000.00

The contract calls for a 90 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of One Thousand Eight Hundred Dollars and no/100

-$1,800.00-

is considered valid and proper.

Dated: October 14, 1953

T. H. Breding, Auditor

/ C O P Y /

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

W. L. Weaver
Box 114
Silt, Colorado

pertaining to Exploration Project Contract No. Idm-E487, Docket No. DMEA 2661, covering a project for exploration of Uranium, located in Garfield County, Colorado, commonly known as End of Train #1 and End of Trail #2, for the months of February 1953 to July 1953.

My review included an examination of the Monthly Reports (Form MF-104) and supporting documents attached thereto, comparison of costs claimed with the contract and pertinent schedules, consultation with the Executive Officer of the Field Team in charge of the project, and a determination of the reasonablemess and propriety of the costs.

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

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

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

Total cost as billed by Contractor		$ 2,000.00
Exceptions:		
By DMEA Finance Officer	None	
Herewith	None	None
Total Accepted Cost		$ 2,000.00

The contract calls for a 90 per cent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of One Thousand Eight Hundred Dollars and no/100.

- $1,800.00

is considered valid and proper.

Dated: October 14, 1953

/s/ T.H.Brading,
T. H. Brading, Auditor

Audit Report of Rev.
Oct. 14, 1953

10/6/53 gla

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

224 New Customhouse
Denver 2, Colorado

October 7, 1953

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Certification of Discovery, DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver, Garfield County, Colorado.

Enclosed ae two copies of a memorandum recommending a Certification of Discovery, and two copies of Form B, "Certification by the United States of America of a Discovery or Development under an Exploration Project Contract."

W. H. King
W. H. King

Enclosures

Recommendation of
Cert. of Discovery

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 5, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2 claim), Garfield County, Colorado -- Certification of Discovery

Transmitted herewith are the original and eight copies of a memorandum by W. L. Dare concerned with certification of discovery on contract Idm-E487.

From all I am able to learn, the ore production from this project will be smaller than from any we have been involved with so far, probably less than 40 tons. However, while I would not recommend certification, the usual data required for the Operating Committee's use in making a certification are furnished, including three copies of a suggested form "B".

W. M. Traver

W. M. Traver

enclosures

WMT/kp

cc 8
E487
DMEA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
October 1, 1953

Memorandum

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

From: W. L. Bare

Subject: DMEA 2661, Contract Idm-2487 (Uranium), W. L. Weaver (End of Trail No. 2 claim), Garfield County, Colorado -- Certification of Discovery

The exploration program as set forth in Contract Idm-2487 was initiated on February 18, 1953, and was completed on July 31, 1953. A total of 100 feet of exploration drift was driven in a sandstone of the Morrison formation on the End of Trail No. 2 claim.

W. L. Weaver, contractor, owns the unpatented End of Trail No. 2 claim in whole and has under lease the north 100 feet by 600 feet of the unpatented End of Trail No. 1 claim. These claims are in sec. 10, T. 5 S., R. 91 W., sixth principal meridian, Gold Stone Mining District, Garfield County, Colorado.

Until the present exploration program was accomplished, no production had come from the End of Trail No. 2 claim.

The exploration drift encountered two small, roughly parallel uranium-vanadium tabular deposits or rolls, and a few isolated logs. The rolls were encountered at distances of about 5 feet and 40 feet from the starting face of the exploration drift and trend roughly N. 30° W. The maximum thickness of mineable ore in either roll is about 2.5 feet.

The first roll was followed to the southeast but pinched out after 10 feet. No attempt was made to determine the extent to the northwest, nor was drifting accomplished along the second roll. It is believed that the thickest portion of both rolls was removed while drifting was in progress.

An estimated 15 tons was produced as a result of the drifting. From this production, 7.25 tons was shipped to the U. S. Vanadium Corporation mill at Rifle, Colorado, that averaged 0.27 percent U_3O_8 and 3.14 percent V_2O_5. The grade of the remaining tonnage will probably be less than that shipped.

It is estimated that about 20 tons remains in place in the vicinity of the rolls that will contain an average of 0.15 percent U_3O_8 and 2.0 percent V_2O_5.

The exploration project has not encountered what can be considered a significant discovery but in accordance with administrative policy, a Certification of Discovery is recommended.

Floyd H Everett, for
W. L. Dare
Mining Engineer

WLD/kp

cc ✓8
E487
DMEA Chron

~~Form 3~~

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

~~FORM B~~

To 1/ W. L. Weaver

Box 114, Silt, Colorado

Pursuant to the provisions of Exploration Project Contract No. Idm-2487, dated February 12, 1953, (Docket No. DMEA-2661), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made, has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows:

Uranium-vanadium mineralization occurring ~~in 2 small rolls~~ in sandstone of the Morrison formation on the ~~End of Trail No. 2 claim.~~ property described in Article 2 of the subject contract.

Dated: _____

THE UNITED STATES OF AMERICA

By _____
Administrator, Defense Minerals
Exploration Administration

1/ Insert full name of operator as it appears in the Exploration Project Contract.

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

FORM A

To:1/ _____

_____

Pursuant to the provisions of Exploration Project Contract No. Idm _____, dated _____, (Docket No. _____), hereinafter called the "contract", between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the mineral deposit which is the subject of the exploration project, the Government considers and therefore certifies that a discovery or development has resulted from the work from which commercial production of ore may be made.

The Government's estimate of said discovery or development is particularly described and delimited as follows:

_____

_____

_____

_____

_____

_____

Dated: _____

THE UNITED STATES OF AMERICA

BY _____
Administrator, Defense Minerals
Exploration Administration

1/ Insert full name of operator as it appears in the Exploration Project Contract.

Contract File

700

February 17, 1953

Memorandum

To: Hazel Berry, Operating Committee

From: Grace L. Ault, Rare and Misc. Metals Division

Subject: Executed contract, DMEA-2661, Idm-E487

Mr. Ellis has reviewed the above-captioned contract finalized by Region IV dated February 12, 1953, and has approved it.

Grace L. Ault

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

224 New Customhouse
Denver 2, Colorado

Department of the Interior
Defense Minerals Administration

February 13, 1953

Memorandum

To: C. O. Mittendorf, Administrator

From: Executive Officer, Field Team, Region IV

Subject: Docket No. DMEA 2661, Contract Idm-E487-W. L. Weaver

Enclosed are the original and two copies of Contract Idm-E487.

Copies of this contract have been given to the operator, the fiscal office, Region IV, and a copy has been retained for our files.

W. H. King
W. H. King

Enclosures

MF-200 (A)
(February 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 5 1953

DOCKET NO. DMEA 2661

COMMODITY Uranium

Idm-E487

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 12th day of February, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] W. L. Weaver
Box 114
Silt, Colorado

hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Colorado, County of Garfield, described as follows:[3] Owner of End of Trail Number 2 unpatented lode mining claim recorded in Book L. R. 2A., Page 210 in the Clerk and Recorder's Office of Garfield County. Lessee of End of Trail Number 1, recorded in Book L. R. 2 A, Page 209

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:
Owner of End of Trail Number 2
Lessee of North, 100 feet by 600 feet, end of End of Trail Number 1.

(*b*) That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for[5] Uranium

in or upon the described land; and shall bring the project to completion within a period of six months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay ninety (90) percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $1,800, which is 90 percent of $2,000, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales, or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be the gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* .....

Executed in sextuplicate the day and year first above written.

M. L. Weaver
(Operator)

By .....

THE UNITED STATES OF AMERICA

By W. H. King
W. H. King, Executive Officer
DMEA Field Team, Region IV

I, , certify that I am the secretary of the corporation named as Operator herein; that , who signed this contract on behalf of the Operator, was then of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

EXHIBIT A

Description of the Work

The work consists of driving a prospect drift 100 feet to explore the mineralization now showing in the face of the tunnel. This drifting may include branching headings when prior approval is given by the DMEA representative. The tentative location of the proposed drift is shown on the attached map, Figure 1, which is made a part of Exhibit A.

Estimated Costs of the Work

Drifting 100 feet at $20.00 per foot, to include any and all costs of completing the work - Total -	$2,000.00
Government participation @ 90% -	$1,800.00

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Colorado, County of Garfield, described as follows:1/

North 100 feet by 600 feet East and West on the north end of End of Trail No. 1., Sec. 10 T 5S, R 92 W Recorded in Book 91R21, Page 1209, Clerk & Recorder's Office, Garfield County, Colorado

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ W. L. Weaver

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 2,000.00, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 29 day of January, 1953.

Ross E. Parker [Seal]

Chester E. Wittwer [Seal]

W. L. Weaver [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

[X] Audited

[ ] Certified

K ANALYSIS SHEET - DMEA PROJEC

Analysis as of 12-2-54
Incl. Voucher for July, 1953

[ ] Actual Cost

[X] Agreed Unit Costs

Name W. L. Weaver

Docket No. 2661

State Colorado

Commodity Uranium

Idm-E No. 487

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	100	2000.00	100	2000.00	2000.00
Raising					
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased					
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify)					
Totals		2000.00		2000.00	2000.00

Prepared by Michael Ching

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

Project Summary Report

By: Michael Ching December 22, 1953

1. Docket No. DMEA-2661 (Uranium)
Contract No. Idm-2487
Property: End of Trail Claims, Garfield County, Colorado
Operator: W. L. Weaver, Box 114, Silt, Colorado
Operator's Property Rights: Owner of End of Trail Number 2 unpatented lode mining claim. Lessee of area 100 feet by 600 feet on the north end of End of Trail No. 1 claim, covered by Owner's Consent to Lien dated 1-29-53.

2. Contract - dated February 12, 1953.

Work authorized -

100 feet drifting and crosscutting @ $20.00 per foot (includes all costs)	$2,000.00
Government participation @ 90%	$1,800.00

Amendments - None

Work completed -

100 feet drifting and crosscutting @ $20.00 per foot	$2,000.00
Government participation @ 90%	$1,800.00

Work completed July 31, 1953.

3. Audit -

Report of Review dated October 14, 1953 (No exceptions)

4. Certification of Discovery -

None issued.

5. Comments -

The work commenced on February 18, 1953, and was completed on July 31, 1953. It was done in an efficient and economical manner. Two small ore deposits were discovered from which about 15 tons of ore had been mined up to August 13, 1953, but because of the very small size, scattered occurrences, and general low grade of the ore zones a certifi-

cate of discovery was not justified. The chance of making a significant discovery through additional exploration work is poor. The only shipment made prior to completion of the exploration work amounted to 7.25 tons assaying 0.27% U_3O_8 and 3.14% V_2O_5. Total production from the two small deposits is not expected to exceed20 tons. There had been no previous production from this property, although Operator had followed a carnotite showing by crosscutting a distance of 45 feet prior to the start of the subject contract. An adjoining claim has produced 15 tons of ore averaging 0.13% U_3O_8.

Carnotite and radioactive carbonaceous material occur in the Morrison formation which outcrops on this property. The known ore horizon consists of a zone three to six feet thick in a medium to light gray lime sandstone in which occur thin irregular lenses containing mineralized material.

The exploration work, based on the foregoing geological criteria, proved the existence of shipping grade ore on this property, but the degree of success applicable to the project was limited by the small size, scattered occurrence, and low grade of the ore deposits.

/s/ Michael Ching
Michael Ching, Mining Engineer
Rare & Miscellaneous Metals Division

MChing/gla
12-23-53
cc to: Adm. Reading File
Operating Committee
Docket (original)
Rare & Misc. Metals Div. contract file
Chron

E. Wm. Ellis, DMEA Member, Uranium Commodity Committee

January 13, 1953

Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

Final Field Team Report on exploration under DMEA Docket 2661 (Uranium), Contract Ida-E487, W. L. Weaver, contractor, Silt, Colorado; End of the Trail No. 2 claim, Sec. 10, T. 5 S., R. 19 W., Garfield County, Colorado

Summary and Comment

The contractor drove 87 feet of an adit drift and 13 feet of cross cut to explore for uranium in a small shearing of mineralized rock in the Morrision formation. The total cost was $2,000, and Government participation was $1,800.

A small "roll" of ore trending southeast was found at about 50 feet from the portal and small pods of ore-grade material were found between 88 and 96 feet from the portal. The Field Team estimates that the work resulted in discovery of 15 to 20 tons of ore containing about 0.15 percent U_3O_8 and 2.0 percent V_2O_5. About 15 tons were mined in the course of exploration, and 7.25 tons of ore containing 0.27 percent of U_3O_8 and 3.14 percent V_2O_5 were shipped.

The engineer member of the team suggests that the operator explore in a small way the roll trend and thicker portions of lenses to make sure that their thickest portions of the deposits have not been missed. Both members agree that the chances of making a further significant discovery are too small to warrant additional DMEA assistance, and that the suggested work would be development or mining rather than exploration.

The Field Team recommends certification of a discovery.

Conclusion

Although the amount of ore discovered was small, I concur with the Field Team that a valid discovery was made and should be certified to protect the Government's interest in ore mined and shipped.

Copies to: E. Wm. Ellis (2)

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 1/11/54

REFERRED TO:

1. Code 700
2. ~~Mr. Okin~~ nuc
3. ~~Liv. contract file~~
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: Not certified
Completion letter mailed
1/7/54

Check (X) before the items needing attention.

ROBERT E. ADAMS
Initials of sender.

GPO 16—63815-1

original to Docket

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

224 New Customhouse
Denver 2, Colorado

January 4, 1954

Memorandum

To: Chairman of the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 2661 (Uranium), Contract Idm-2467, W. L. Weaver, Garfield County, Colorado

Reference is made to your letter dated November 2, 1953, regarding shipments of ore made by W. L. Weaver.

According to the operator two shipments have been made to date. The amount of U_3O_8, V_2O_5, and the cash value of the shipments are as follows:

Net Weight Pounds	Pounds V_2O_5	Pounds U_3O_8	Cash Value
16300	418.04	44.24	$316.31
14600	483.77	38.16	$307.26

We believe that the operator will make a few more small shipments of ore from time to time.

W. H. King

W. H. King

Jr:ld

Copy to: Chm
Thiver
Moschmann
Sub
Chron

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

NOV 3 1953

[redacted]

[redacted]

[redacted]

Reference is made to your above-named Exploration Project Contract for uranium. You are probably aware that in some similar cases it has been found that some part or all of the land which is the subject of the exploration project contract consists of claims located on land which was subject to prior Federal oil and gas leases. The validity of such claims is doubtful, and in some cases the Atomic Energy Commission has issued a lease to the land for whatever benefit that may afford in curing the invalidity as far as uranium is concerned.

By the recent act of Congress approved August 12, 1953 (Public Law 250, 83d Cong.), mining claims located between July 31, 1939, and January 1, 1953, on United States Lands which were then subject to oil and gas leases, may be validated by the owners of such claims, if, not later than December 10, 1953, they

> ".... post on such claim in the manner required for posting notice of location of mining claims and file for record in the office where the notice or certificate of location of such claim is of record an amended notice of location of such claim, stating that such notice is filed pursuant to the provisions of this Act and for the purpose of obtaining the benefits thereof."

If any of the land which is the subject of your Exploration Project Contract includes a located claim or claims, the validity of which might be questioned on account of a previous oil and gas lease, the statute cited is called to your attention so that you may validate your rights as above indicated, if you consider this to be in your interest. This Agency deems such validation to be desirable even though the land in question may be covered by a lease from the Atomic Energy Commission.

Sincerely yours,

C. A. Mittendorf

Administrator

[redacted]
11-30-53
cc to Docket File
Region IV (2)
Division Contract File

50811

div. contract file

NOV 2 1953

Mr. [illegible]
Executive [illegible]
[illegible] Field Office, Region IV
224 [illegible] Centennial Building
Denver 2, Colorado

Re: Docket No. [illegible]-Fld (Petroleum)
Contract No. [illegible]
[illegible]
Garfield County, Colorado

Dear Mr. [illegible]:

Reference is made to your letter of October 7, 1953, enclosing copies of a memorandum recommending a certification of discovery under the subject project.

In view of the Field reviewer's report, we have to be in a position to secure more information before taking a final position on certification. We are, therefore, withholding certification in abeyance until the final report of the Field Team and Director are received. It would be appreciated if the Field Team's report included the dollar value of all payments from the property and an estimate of the potentialities of the property other than those expected by the subject uranium work.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Concur:

J. H. Hedges

Member, Operating Committee

T. P. Thayer

Member, Operating Committee

Ching/cb
10-28-53
cc to: Adm. Reading File
Operating Committee
Docket
Treasurer: E. D. Kelser, Rm. 301
A. F. Butler, Jr., Rm. 3212, GSA
Files
Ching

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 11/4/53

REFERRED TO:

1. ~~Code 110~~
2. Code 700 Mr. Ellis
3. ~~Mr. Chase~~
4. Mic. Contract file

Mc

FOR:

	Action		Recommendation
	Approval		Record
	Comment		of
	Conference		Referring
	Consideration		to
	Filing		Reply for signature of
	Instructions		
	Investigation		Rewriting
	Initials		Signature
	Mailing		Suggestions
	Previous correspondence		Your information

Operator's final DME 104

REMARKS: Cert. & letters were written on 10/23/53, but held up for final reports.

Check (X) before the items needing attention.

ROBERT E. ADAMS
Initials of sender.

GPO 16—63815-1

11/6/53 gl

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

224 New Customhouse
Denver 2, Colorado

October 30, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

Enclosed are two copies of the Operator's Final Progress Report MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of July 1953, pertaining to DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

There was no jointly-owned property purchased under this contract. The contract was a short form one prepared on Form MF-200A.

Forms were processed for payment in conformance with the final Report of Review by the Contract Administration and Audit Division, dated October 14, 1953.

Government's full contribution amounted to $1,800.00 as allowed by the contract.

Copies of Engineer's Final Report, Geologist's Final Report, and Operator's Final Report will be transmitted at a later date after all data has been assembled in this office.

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

October 26, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2661, Contract Idm-2487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado. Operator's Monthly Progress Report for the period July 1953.

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

These reports constitute the Operator's final claim for reimbursement under the terms of the contract. The Operator has complied with the terms of the contract and has rendered his final report and accounting. Final payment is recommended as follows which is in conformance with the final Report of Review by the Contract Administration and Audit Division, dated October 14, 1953, which was released to this office October 23, 1953.

Basis for Final Payment

Total Allowable cost of the project		$2,000.00
Government participation	90%	1,800.00
Total prior payments		1,458.00
Balance due Operator		$342.00

Reconciliation with Operator's Final Reports

Total of July 1953 report		$380.00
Government participation	90%	342.00
Balance due Operator		342.00

Remarks

Date of Report	August 5, 1953.
Date Received in Field Office	August 6, 1953.
Date Received in Region Office	August 20, 1953.

Held in Region Office pending release of the final Report of Review.

W. H. King
W. H. King

Enclosures

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 18, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for July 1953

Transmitted herewith are the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. R. McLellan's memorandum covering inspection of the underground progress and of entries and extensions on the reporting forms. The contract is short form, and documentation is not required. This is the final progress report as the project is completed.

McLellan verifies the 19 feet of drifting progress shown on the operator's sketch and entered on the MF-104A forms. He fails to mention the advance in his narrative but mentions the contract is completed. It allowed a total of 100 feet of drifting.

The contractor evidently considers this as his final report as well as the last progress report. You may not agree.

Payment is approved of $342.00, or 90 percent of the total $380.00 claimed by the contractor.

Mineral Resources Branch engineers have checked and approved all monthly vouchers after measuring the report advances and checking the reporting forms. The operator has accomplished the work called for in the contract.

Final payment will be contingent upon examination of the records by the Contract Administration and Audit Division, a suitable Report of Review, and reports by the operator, geologist, and engineer, as you deem necessary prior to audit.

W. M. Traver

W. M. Traver

enclosures

cc 4, E487, DMEA Chron.

WMT/pam

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
August 18, 1953

Memorandum

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

From: R. R. McLellan

Subject: DMEA 2661, Contract Idm-2487 (Uranium), W. L. Weaver, (End of Trail No. 2), Garfield County, Colorado - Progress report for July 1953

The subject underground advance was measured on August 13, 1953, and found to be 19 feet for July 1953, as shown on the operator's sketch. No uranium or vanadium mineralization was encountered during the advance.

The maximum allowable footage of 100 feet of drifting was completed on July 31, 1953, at which time the operator ceased exploration drifting and commenced mining a portion of one roll that was encountered at a distance of approximately 40 feet from the portal.

Two small rolls or lenses of ore were encountered during the exploration project. Additional samples were cut during the inspection for purposes of calculating reserves and grades to be included in the final report. A shipment of 7.25 tons of ore recovered during the drifting contained 0.27 percent U_3O_8 and 3.14 percent V_2O_5. Several more tons remain in the ore bin. It is estimated that 15 to 20 tons of indicated ore can be mined by following the rolls into the walls. The grade of the indicated reserve probably will not exceed 0.25 percent U_3O_8 and 2.5 percent V_2O_5. An assay map will be submitted with the final engineering report. The operator has made no estimate of reserves and apparently has combined his final narrative report with his final project report.

Although the deposits are small, the discovery is recommended for certification. Weaver is prepared to submit a check covering Government royalty on the ore shipment made to date.

Since the contract is the short-form type, there is no Government equity in equipment or supplies. The operator completed the project satisfactorily and according to the terms of the contract.

Payment of $342.00 is recommended, or 90 percent of the $380.00 claimed in the July 1953 report.

Floyd A. Everett, for
R. R. McLellan
Mining Engineer

cc 6
E487
DMEA Chron.

RRM/pam

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
NOV 2 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1953 Docket No. DMEA 2661 Contract No. E. 487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colo.
Contract Amount, $ 2,000.00 Government Participation: 90% Amount, $ 1,800.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	380.00	1,620.00	2,000.00			
(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	380.00	1,620.00	2,000.00	380.00	1,620.00	2,000.00

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

Date Aug. 6, 1953 Payee W. L. Weaver

Per W. L. Weaver Title Owner

*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:

$ 342.00

Signature
(Authorized Certifying Officer)

Date 10/28/53 Vou. No. DMA 54-43

(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. Idm E487 in accordance with the terms of the contract.

Signature R.R. McLellan $342.00 WMT Title Mining Engineer Date 8/17/53

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

Signature W. H. King Title Executive Officer Date OCT 26 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-10A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1953. Docket No. DMEA 2561 Contract No. E. 487

Operator's Name W. L. Weaver Minerals Uranium

Address Silt, 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	feet	380.00	19	2,000.00		20.00	100	2,000.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		380.00		2,000.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								2,000.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								2,000.00

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 Aug. 5, 1953. Operator W. L. Weaver

Per W. L. Weaver Title Owner

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

REMARKS: This project was started Feb. 18, 1953 and was completed July 31, 1953.

(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

Bureau of Mines
Denver
Rec'd
Nov 2 1953

Silt, Colo.----August 5, 1953.

Mr. W. M. Traver Jr.
Bureau of Mines
Room 137
Denver
Colorado.

Dear Mr. Traver:

Herewith enclosed please find my Reports for the month of July, on "End of Trail # 2 Claim," and also the Final Report on ------- DMEA 2661, Contract Idm-E487, which is now completed.

I shipped a load of ore on July 31, 1953, which amounted to seven and one quarter tons 7 ¼ T. to U. S. V. Co. Rifle, Colo. and the analytical results were as follows:

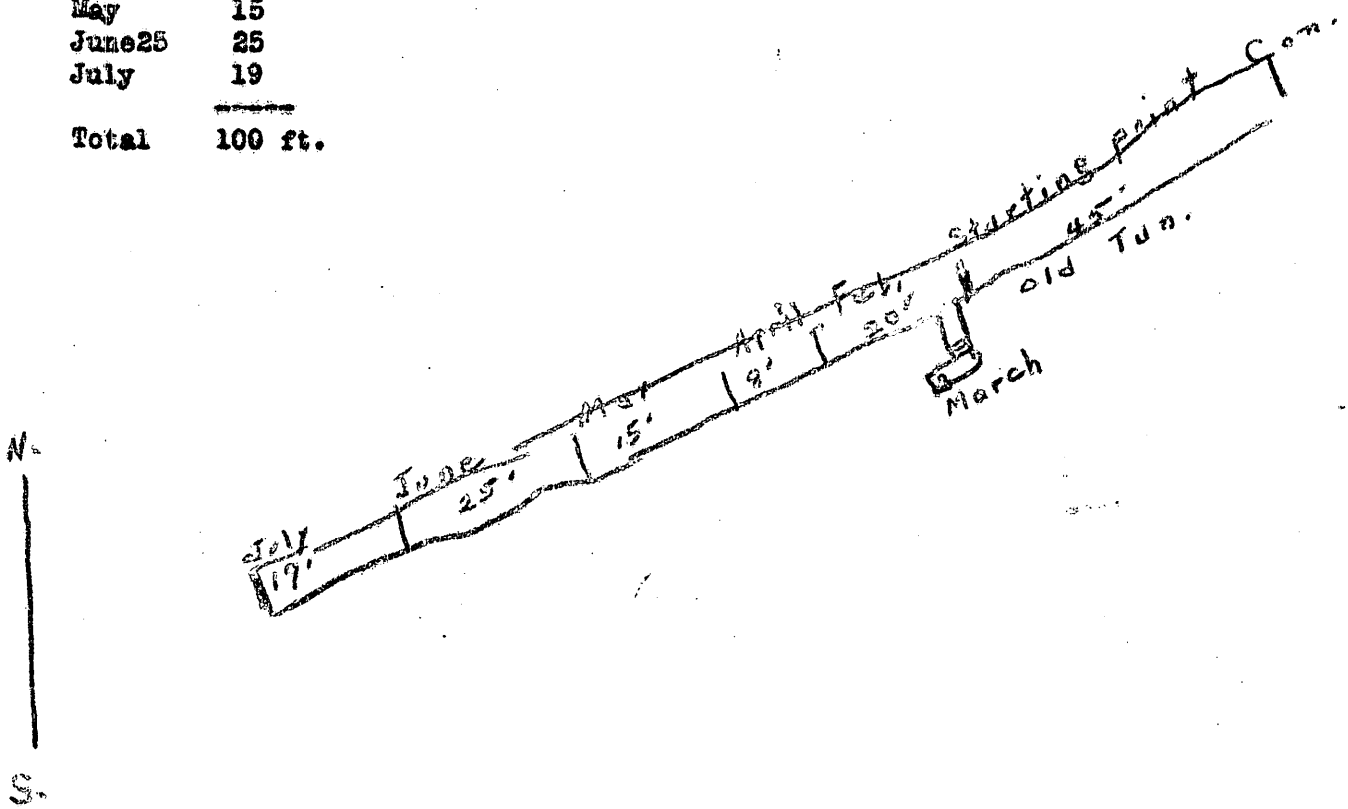
% U-3 O-8	% V-2 O-5	% O-a O-O#8
0.27	3.14	5.6

Hoping everything is satisfactory, I remain,

W. L. Weaver

W. L. Weaver

February	20 ft.
March	13
April	8
May	15
June25	25
July	19
Total	100 ft.



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

224 New Customhouse
Denver 2, Colorado

August 18, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of June, 1953, pertaining to DMEA Docket 2661, Contract Idm-E 487, W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

July 24, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2661, Contract Idm-E487 (Uranium) W. L. Weaver (End of Trail No. 2), Garfield County, Colorado-Operator's Monthly Progress Report, for the period June 1953.

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

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

Remarks:

Date of Report----------July 2, 1953
Date Received in Field Office--------July 6, 1953
Date Received in Region Office-------July 23, 1953
Date Processed for Payment----------July 24, 1953

W. H. King
W. H. King

Enclosures

RDB:es

cc: Contract
Sec. to the Oper. Comm. (2)
Traver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGION IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
July 23, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2661, Contract Idm-2487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for June 1953

Enclosed please find the original and four copies of the subject progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. R. McLellan's memorandum covering inspection of the underground progress and reporting forms. The contract is short form, and documentation is not required.

McLellan verifies the 25 feet advance shown on the operator's sketch accompanying the narrative and entered on the MF-104A form. This brings to completion a total of 81 feet of the 100 feet allowed by the contract.

Payment is approved and certified on the MF-104 form of $450.00, or 90 percent of the total $500.00 claimed by the contractor.

W. M. Traver

W. M. Traver

WMT/pam

enclosures

cc X, 2487, DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
July 23, 1953

Memorandum

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

From: R. R. McLellan

Subject: DMEA 2661, Contract Im-2487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for June 1953

Underground progress was checked on July 18, 1953, and found to be correct as reported in the operator's narrative. An advance of 25 feet was made for the month of June with an additional 11.5 feet during July.

The face was no longer in ore, and there was little or no indication of vanadium or uranium mineralization for the last few feet of drift. During June 1953, a roll of ore was encountered in the main drift at a distance of 98 feet from the portal and extended for approximately 11 feet reaching a maximum thickness of 2 feet. The drift probably intersected the roll at an oblique angle, thus an apparent width is visible in the walls of the drift. The true width probably will not exceed 8 feet at the area of intersection. One sample, cut from the roll during the June inspection, contained .274 percent U_3O_8 and 1.28 percent V_2O_5 across a thickness of 1.7 feet. During the July inspection, a second sample was cut 4 feet from the first. The roll probably will extend not more than 10 feet in either wall and may contain about 15 tons of ore which probably will average .25 percent U_3O_8 and 1.3 percent V_2O_5. The operator has made no estimates of reserves.

At the close of June 1953, the operator had completed a total of 81 feet out of an allowable 100 feet of drifting.

Payment of $450.00 is recommended, or 90 percent of the $500.00 claimed.

for R. H. Bolmer

R. R. McLellan
Mining Engineer

RRM/pam

cc 6, 2487, DMEA Chron.

(Rev.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1953. Docket No. DMEA 2661 Contract No. E. 487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colo.
Contract Amount, $ 2,000.00 Government Participation: 90 % Amount, $ 1800.00

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						
Bulldozing						
Crosscutting						
Drifting	500.00	1120.00	1620.00			
(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	500.00	1120.00	1620.00	500.00	1120.00	1620.00

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

Date July 2, 1953 *Payee W. L. Weaver

Per W. L. Weaver Title Owner

*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:

$450.00

Signature (Authorized Certifying Officer)

Date 8/10/53 Vou. No. 54-15

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 487 in accordance with the terms of the contract.

Signature R. R. McLellan $50.00 WMT Title Mining Engineer Date 7/20/53

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

Signature W. H. Kung Title Executive Officer Date JUL 24 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 195 3. W. L. Weaver Docket No. DMEA 2661 Contract No. E 487

Operator's Name Silt, Colo. Minerals Uranium

Address

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
	feet	500.00	25	1620.00	81	20.00	100	20.00
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		500.00	25	1620.00	81			Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		500.00		1620.00				

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 July 2, 1953. Operator W. L. Weaver

Per W. L. Weaver Title Owner

This project was Restarted Feb. 18, 1953.

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

Silt, Colorado— July 2, 1953.

Mr. W. H. Traver
Bureau of Mines
Room 137
Denver
Colorado.

Dear Mr. Traver:

Herewith enclosed please find my "Reports" for the month of June, on "End of Trail No. 2."

The ore last reported, that was on the bottom pinched out, then appeared to be coming back at the top. The formation is taking a fast pitch. I have no essay yet.

Very truly yours,

W. H. Weaver

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

DEPARTMENT OF THE INTERIOR
BUREAU LAND MANAGEMENT
RECEIVED
JUL 13 1953

224 New Customhouse
Denver 2, Colorado

July 3, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2) Garfield County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of May, 1953, pertaining to DMEA Docket 2661, Contract Idm-E487, W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

June 29, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2) Garfield County, Colorado-Operator's Monthly Progress Report, for the period May, 1953.

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

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

Remarks:

Date of Report----------June 2, 1953
Date Received in Field Office----------June 3, 1953
Date Received in Region Office----------June 24, 1953
Date Processed for Payment----------June 29, 1953

W. H. King
W. H. King

Enclosures

RDB:es

cc: Contract
Sect. to the Oper. Comm. (2)
Chron.
Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 23, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for May 1953

Submitted herewith are the original and four copies of the subject progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of Russell N. McLellan's memorandum covering inspection of the underground progress and reporting forms. The contract is short form and documentation is waived.

The inspecting engineer verified the 15 feet of advance as shown by the sketch attached to the contractor's narrative. He has also prepared a correct sketch map for attachment to his memorandum and explains apparent discrepancies in this and previous reports. The project will result in a discovery, and a 1.7-foot channel sample was taken of a mineralized zone in the vein and sent to Salt Lake for assay.

A copy of the engineer's sketch was sent to the operator in order to orient him for future reports.

Payment is approved and certified on the MF-104 form of $270.00, or 90 percent of the $300.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures
WMT/amh

cc: h
E487
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 23, 1953

Memorandum

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

From: Russell R. McLellan

Subject: DMEA 2661, Contract Idm-2487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for May 1953

The underground progress was inspected on June 15, 1953, in company with S. W. Hazen, Jr., and W. L. Weaver. An advance of 15 feet for the month of May was found to be correct as reported by the operator.

The totals on forms MF-104 and MF-104A do not reflect the disallowance of 9 feet of drifting made on the April progress report. The totals at the close of May 1953 should be 56 feet of drifting at a cost of $1,120.00.

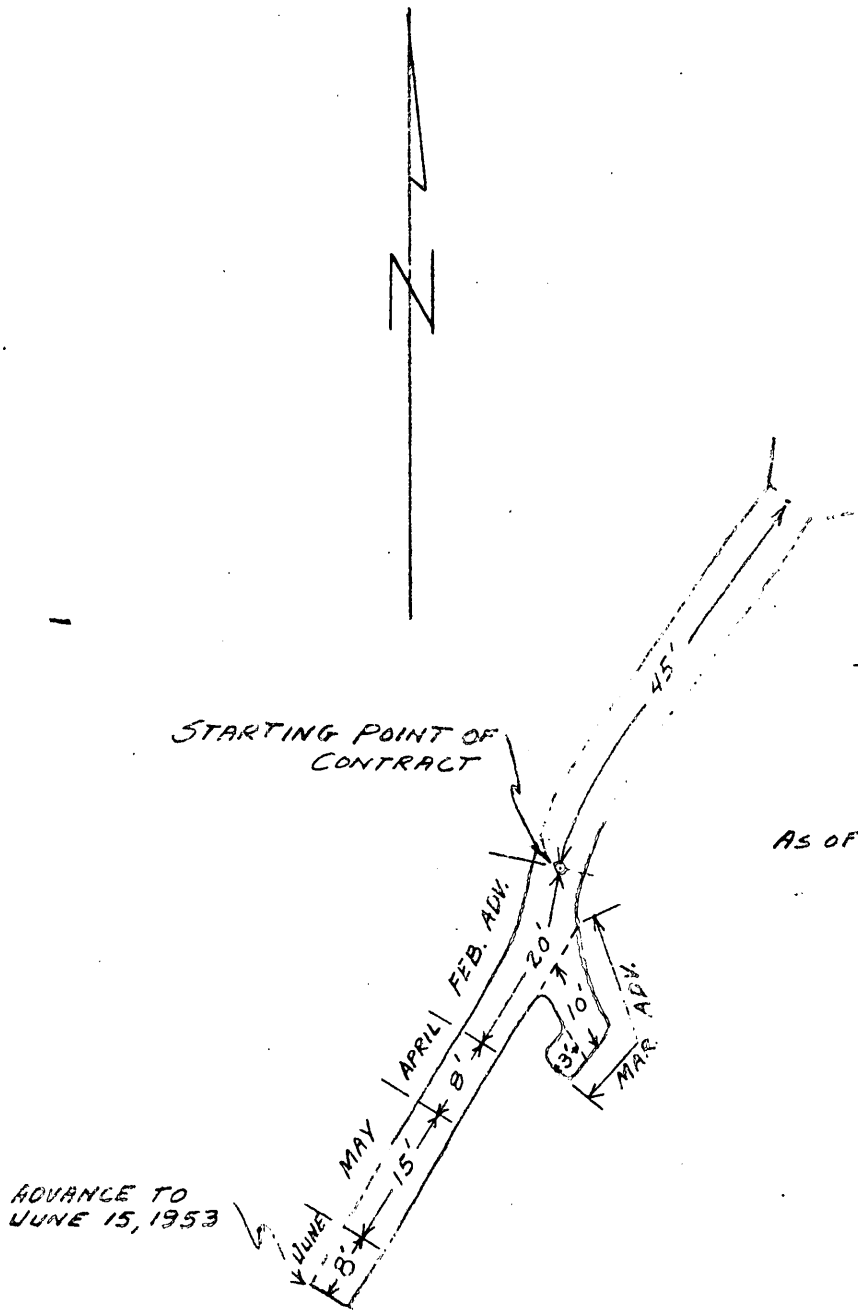
Weaver advanced the drift 8 feet during the first two weeks of June 1953. The last 4 feet of drift was in ore. One sample was cut in the heading across a mineralized zone 1.7 feet in thickness. The installation of track and a hoist was completed during the month. By eliminating the wheelbarrow work, Weaver expects to complete the project within the next two months.

Payment of $270.00, or 90 percent of the $300.00 claimed, is recommended for approval.

The attached map shows the correct monthly advances from February 18, 1953, to June 15, 1953. It should be noted that Weaver underclaimed 3 feet of drift in February, overclaimed 3 feet in March, and overclaimed 9 feet in April, thus accounting for the discrepancies of footages between the operator's map and the attached map.

Russell R. McLellan
Russell R. McLellan
Mining Engineer

attachment
RRM/amh
cc: 6, 2487, DMEA Cheron.



ADVANCE BY MONTHS

FEB.	20'
MARCH	13'
APRIL	8'
MAY	15'
AS OF JUNE 15	8'
TOTAL	64'

SCALE — 1" = 20'

PROGRESS MAP, END OF TRAIL MINE, DMEA 2661, Idm E 487

Silt, Colo., June 2, 1953.

Mr. W. H. Traver Jr.
Bureau of Mines
Room 137
Denver
Colo.

Dear Mr. Traver:

Enclosed herewith is a report for the Month of May.

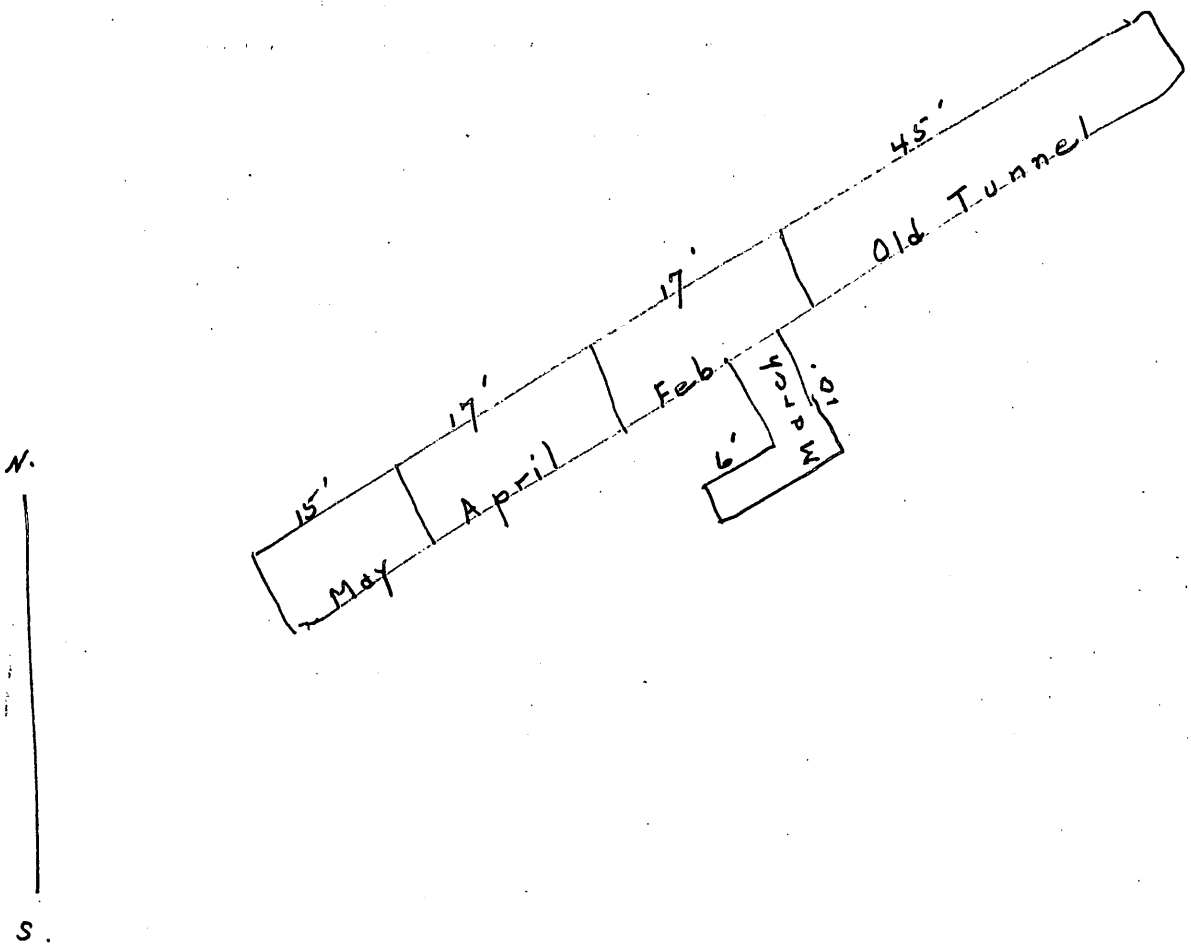
The first 10 feet of the tunnel looked bad--no ore. Formation had taken a fast dip--leveled off; thenshowed up again. Struck 2 feet of good ore. Have followed it for five feet.

I struck 5 feet of good ore. I have no essay on it yet.

Very truly yours,

W. L. Weaver

W. L. Weaver



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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 13 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1953. Docket No. DMEA 2661 Contract No. E. 487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colo.
Contract Amount, $ 2,000.00 Government Participation: 90 % Amount, $ 1800.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) *Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	300.00	1,000.00	1,300.00			
(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	300.00	1,000.00	1,300.00		1,000.00 *-180.00 820.00	1,300.00 *-180.00 1,120.00

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

Date June 2, 1953 Payee W. L. Weaver

Per W. L. Weaver Title Owner

*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:

$ 270.00

Signature (Authorized Certifying Officer)

Date 7/1/53 Vou. No. DMA 54.4

(See other side)

* Previous disallowance

(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. E487 in accordance with the terms of the contract.

Signature R. R. McLellan #270.00 Title Mining Engineer Date 6/22/53

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

Signature W. H. King Title Executive Officer Date JUN 29 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 13 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1953. Docket No. DMEA 2661 Contract No. Z. 487
Operator's Name V. L. Weaver Minerals Uranium
Address Silt, Colorado

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	feet	300.00	15	1,300	65	20.00	100	20.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS		300.00	15	1,300.00				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		300.00		1,300.00				

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 June 2, 1953. Operator V. L. Weaver

Per V. L. Weaver Title Owner

REMARKS: This project was started Feb. 18, 1953.

→ 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

6/10/53 - dl6

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

224 New Customhouse
Denver 2, Colorado

June 3, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of April 1953, pertaining to DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

W. H. King
W. H. King

Enclosures

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS
REGION IV

Administrative Audit Difference Statement

Date: June 1, 1953
Payee's
Reference: Progress Report - April, 1953

W. L. Weaver
P. O. Box 114
Silt, Colorado
I-BIA-E-437

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

Amount Claimed	$ 340.00
Difference	$ 180.00
Amount Approved	$ 160.00

The reason for the difference was due to:

Actual footage advanced during April is 8 feet @ $20.00 or $160.00 instead of 9 feet or $180.00.

Any vouchers for deductions made above must be supported by the original of this form.

Very sincerely yours,

[illegible]
Audit Section

[illegible] Form No. 4
[illegible]

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

224 New Customhouse
Denver 2, Colorado

May 26, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2) Garfield County, Colorado - Operator's Monthly Progress Report, for the period April, 1953.

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

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

Payment is approved for 8 feet of advance at $20.00 per foot as allowed by the contract and measured by the inspecting engineer.

Remarks:

Date of Report----------May 4, 1953.
Date Received in Field Office----------May 5, 1953.
Date Received in Region Office----------May 13, 1953.
Date Processed for Payment----------May 26, 1953.

W. H. King
W. H. King

Enclosures

RDB:es

cc: Contract
Sec. to the Oper. Comm. (2)
Chron.
Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
May 13, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMRA 2661, Contract Idm-2487 (Uranium), W. L. Weaver, (End of Trail No. 2), Garfield County, Colorado - Progress report for April 1953

Please find enclosed the original and four copies of the subject progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of Russell R. McLellan's memorandum covering inspection of the underground progress and report form entries and extensions. The contract is short form.

The contractor over measured his progress for April by 9 feet and, accordingly, only the actual footage of 8 feet advance is allowed.

Documentation is not required on short form contracts. Payment is approved and certified on the MF-104 forms of $144.00, or 50 percent of the $160.00 allowed for 8 feet advance at the unit cost of $20.00 per foot stipulated in the contract.

W. M. Traver

W. M. Traver

enclosures

WMT/amh

cc: 4
2487
DMRA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
May 13, 1953

Memorandum

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

From: Russell R. McLellan

Subject: DMRA 2661, Contract Idm-2487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for April 1953

Underground progress was checked on May 4, 1953, at which time the operator was not available for consultation. He reports an advance of 17 feet for April 1953; however, the check measurement on May 4, 1953, shows an advance of only 8 feet for a total of 41 feet since the project commenced.

A small amount of ore was encountered during the February advance, and at a distance of 52 feet from the portal the drift cut what appeared to be the north end of a roll. During March a spur drift was driven southward to investigate the apparent roll or lense of ore. The ore reached a maximum thickness of 18 inches and pinched out suddenly at a distance of 10 feet. The operator then decided to continue driving the main drift down dip following a narrow zone of uranium-vanadium mineralization.

The vanadium content of the ore appears to be unusually high in comparison to the uranium content. Probably no more than 3 or 4 tons of ore have been mined as a result of the exploration thus far. As no shipments have been made, the average grade of the ore has not been determined.

Due to the increasing dip of the beds as drifting progresses westward, the operator has commenced the installation of a small hoist and track to facilitate the removal of waste and ore. Heretofore, all rock was removed with a wheelbarrow.

It is recommended that 8 feet of advance be approved for April 1953 at the allowable rate of $20.00 per foot, or a total of $160.00--Government participation 90 percent, or $144.00.

Russell R. McLellan
Russell R. McLellan
Mining Engineer

RRM/mmh
cc: 6, 2487, DMRA Chron.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

JUN 3 1953

Month of April, 1953 Docket No. DMEA 2661 Contract No. E. 487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colorado
Contract Amount, $ 2,000.00 Government Participation: 90 % Amount, $ 1800.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	340.00	660.00	1,000.00	160.00	660.00	820.00
(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	340.00	660.00	1,000.00	160.00	660.00	820.00

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

Date May 4, 1953 *Payee W. L. Weaver

Per W. L. Weaver Title Owner

*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:

$144.00

Signature [illegible]
(Authorized Certifying Officer)

Date 6/1/53 Vou. No. DMEA 53-139

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 487 in accordance with the terms of the contract.

Signature R. R. McLellan #144.00 WMK Title Mining Engineer Date 5/12/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title R.D.B. Executive Officer Date MAY 26 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1953 Docket No. DMEA 2661 Contract No. E 497
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colorado

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	feet	340.00	17	1,000.00	50	20.00	100	20.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		340.00	17	1,000.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		340.00		1,000.00				

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 May 4, 1953 Operator W. L. Weaver

Per W. L. Weaver Title Owner

REMARKS: This project was started February 18, 1953.

→ 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

Silt, Colo., May4,1953.

Mr. W. M. Traver Jr.
Bureau of Mines,
Room 137
Denver,
Colo.

Dear Sir:

This is April's statement concerning "End of Trail" No.2. Exploration Project Contract No. Idm-B 487. Docket No. DMEA 2661.

The mine tunnel has been extended 17 feet in month of April; joining onto the FEbruary work. The total amount of tunnel now is 50 feet. This is for three month's work altogether.

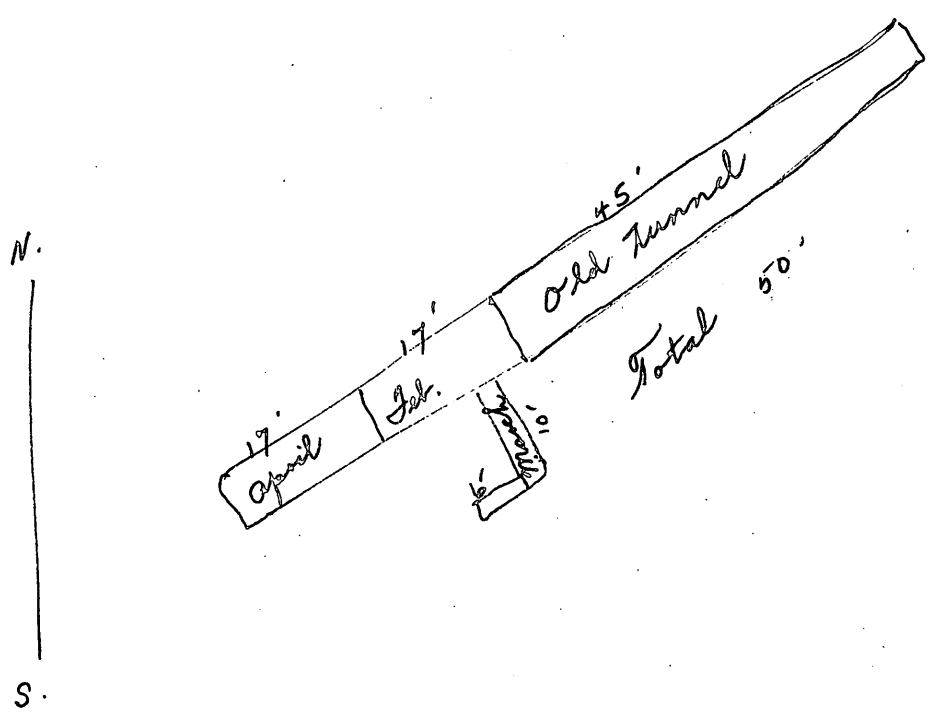
No essay was had for this month; but ore is running leaner on this addition.

This Project was started Feb. 18, 1953.

Yours truly,

W. L. Weaver

W. L. Weaver



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

224 New Customhouse
Denver 2, Colorado

May 8, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of the Trail No. 2), Garfield County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of March, 1953, pertaining to DMEA Docket 2661, Contract Idm-E487, W. L. Weaver (End of the Trail No. 2), Garfield County, Colorado.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

May 1, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of the Trail No. 2), Garfield County, Colorado. Operator's Monthly Progress Report for the period March 1953.

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

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

Remarks:

Date of Report	March 2, 1953.
Date Received in Field Office	April 3, 1953.
Date Received in Region Office	April 30, 1953.
Date Processed for Payment	May 1, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 28, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of the Trail No. 2), Garfield County, Colorado - Progress report for March 1953

Please find enclosed the original and four copies of the subject progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground progress and report form entries and extensions. The contract is short form.

Dare confirms the 16 feet advance claimed for the period by combining it with that for February, when actual footage was understated.

Entries are correct on the reporting forms, as are the extensions. Work was in conformance with the terms of the short-form contract and documentation is not required.

Payment is approved and certified on the MF-104 form of $288.00, or 90 percent of the total $320 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/cb

cc: 4
E487
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 28, 1953

Memorandum

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

From: W. L. Dare

Subject: DMEA 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of the Trail No. 2), Garfield County, Colorado - Progress report for March 1953

Exploration progress under Contract Idm-E487 was checked on April 20, 1953, by R. R. McLellan and W. L. Dare and the total found as reported on form MF-104A. Weaver reported that inclement weather in March delayed operations somewhat.

The lead that was followed in March ended in a small mineralized pod about 8 feet south of the south wall of the adit. Weaver now intends to explore the most favorable indications exposed near the face of the adit.

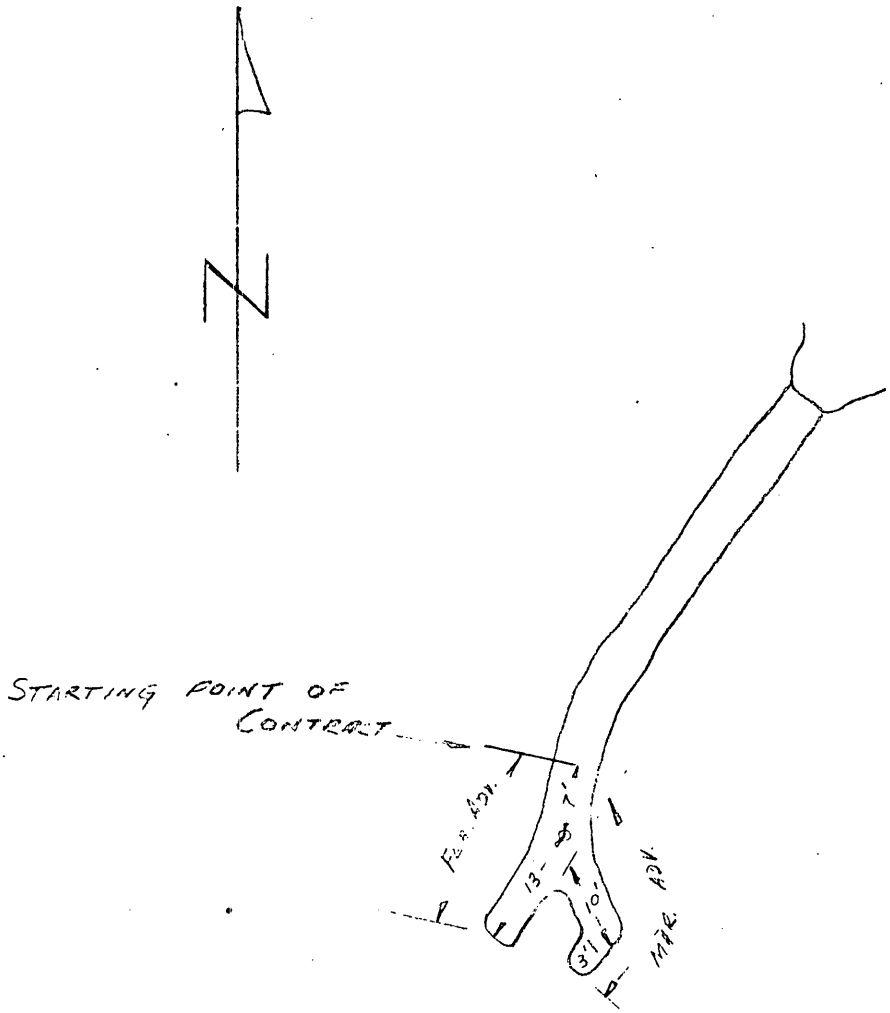
A sketch showing work accomplished in February and March is attached. In the sketch on his narrative sheet Weaver shows a total of 16 feet made in March, all in the branch heading. Actually, the advance in this heading was only 13 feet, as noted in the attached sketch. In the February memorandum it will be noted that February's advance in the adit was 20 feet, whereas the operator claimed but 17 feet. This 3-foot difference, if applied to the approved March footage, will result in the 16 feet reported on form MF-104A.

Payment to the operator is recommended of $288.00, which is 90 percent of the $320.00 reported.

W. L. Dare
Mining Engineer

WLD/eb

cc: 6
E487
DMEA Chron



SCALE — 1" = 20'

FEBRUARY AND MARCH ADVANCE — W. L. WEAVER, Idm-E48T, 2661

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAY 11 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1953. Docket No. DMEA 2661 Contract No. E. 487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colorado.
Contract Amount, $ 2,000.00 Government Participation: 90 % Amount, $ 1,800.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	320.00	340.00	660.00			
(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	320.00	340.00	660.00	320.00	340.00	660.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date March 2, 1953 *Payee W. L. Weaver
Per W L Weaver Title Owner

*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:

$ 288.00

Signature [illegible]
(Authorized Certifying Officer)

Date 5/6/53 Vou. No. DMA 53-133

(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. Tdm-E487 in accordance with the terms of the contract.

Signature M. Dare $288.00 WMT Title Mining Engineer Date 4-27-53

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

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

Defense Minerals Exploration
RECEIVED
MAY 11 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1953. Docket No. DMEA 2661 Contract No. E. 487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colorado

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	feet	320.00	16	660.00	33	20.00	100.	20.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		320.00		660.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		320.00		660.00				

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 March 2, 1953. Operator W. L. Weaver
Per W. L. Weaver Title Owner

REMARKS: This project was started Feb. 18, 1953.

→ 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.

U. S. GOVERNMENT PRINTING OFFICE 205676

Silt, Colo. March 2, 1953.

Mr. W. M. Traver Jr.
Bureau of Mines,
Room 137,
Denver,
Colo.

Dear Sir:

In reply to your request concerning End of Trail No.2 Exploration project Contract No. Idm-E 487, Docket No. DMEA 2661. The mine tunnel has been extended 16'feet onto the old tunnel of 45' feetwhich now makes a total of 77' feet.

The ore varies from 4" to 6" inches within this 16' feet of new tunnel, and we only have one essay at the present time which runs thus:

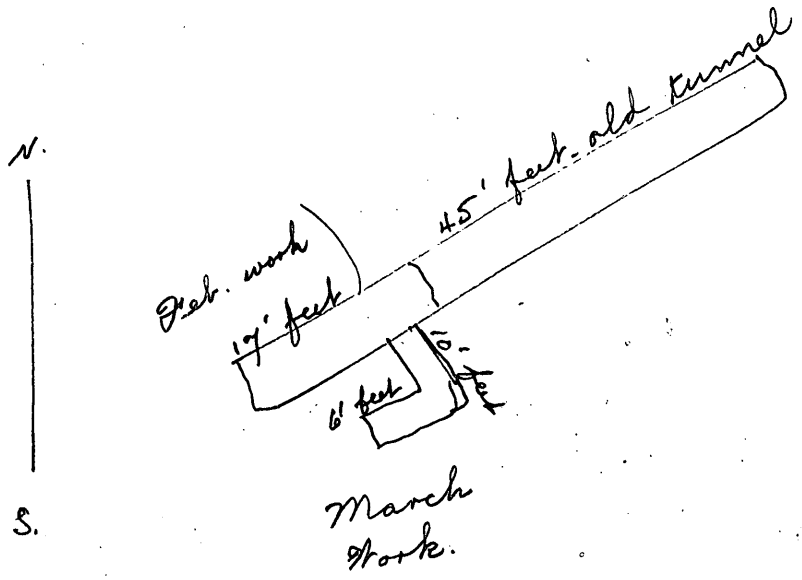
% V2 O5	% U3 O 8	% Ca CO3
11.85	1.10	1.9

The tunnel has been extended as directed by the engineer 16' feet and the sketch below shows the extention.

Yours truly,

W. M. Weaver

P. S. This project was started Feb. 18, 1953.



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

224 New Customhouse
Denver 2, Colorado

April 8, 1953.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

Enclosed are two copies of the Operator's Monthly Progress Report, MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of February 1953, pertaining to DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado.

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

March 31, 1953.

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 13 1953

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado. Operator's Monthly Progress Report for the period February 1953.

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

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

Remarks:

Date of Report	March 2, 1953.
Date Received in Field Office	March 4, 1953.
Date Received in Region Office	March 26, 1953.
Date Processed for Payment	March 30, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 25, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: IMEA 2661, Contract Idm-E487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for February 1953

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative--and the original and six copies of W. L. Dare's memorandum covering inspection of the underground progress and entries on the reporting forms. The contract is short form, based on a unit cost of $20.00 per foot of drift advance.

Dare verifies the 17 feet of advance reported in the narrative and claimed by the operator in his reporting forms.

Payment is approved and certified on the MF-104 forms of $306.00, or 90 percent of the total $340.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT:amh

cc: h
E487
IMEA Charon.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 25, 1953

Memorandum

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

From: W. L. Dare

Subject: DMEA 2661, Contract Idm-1487 (Uranium), W. L. Weaver (End of Trail No. 2), Garfield County, Colorado - Progress report for February 1953

The End of Trail No. 2 mine was visited by R. R. McLellan and W. L. Dare on March 16, 1953. Underground progress was checked with W. L. Weaver, owner and operator. At the time of the visit, total underground advance was 20 feet. The 17 feet as reported for February is approved. The operator spent considerable time during the forepart of March getting the access road in shape.

All advance as of March 16 has been driven down dip in the sediments and mineralization in the face as of that date is very slight. At a point about 5 feet from where the contract drifting started, the thin carbonaceous seams in the north wall have widened and the sediments have taken on characteristics that might possibly be the end of a "roll". The mineralization seems to be tending toward the south and the operator was given prior oral approval to advance a branch heading in this direction.

Payment is recommended as $306.00, which is 90 percent of $340.00, the amount claimed.

W. L. Dare
W. L. Dare
Mining Engineer

WLD:mk

cc: 6
1487
DMEA Chron.

(Rev.)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 195 3 Docket No. DMEA 2661 Contract No. Idm-2487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colorado
Contract Amount, $ 2,000.00 Government Participation: 90 % Amount, $ 1,800.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$340.00		$340.00			
(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	$340.00		$340.00	$340.00		$340.00

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

Date 3/2/53 *Payee W. L. Weaver

Per W. L. Weaver Title Owner

*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:

$ 306.00

Signature (Authorized Certifying Officer)

Date 4/3/53 Vou. No. 53-114

(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. Tha-E487 in accordance with the terms of the contract.

Signature [illegible] #306.00 Title Mining Engineer Date 3-23-53

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

Signature W. H. King Title Executive Officer Date MAR 31 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1953 Docket No. DMEA 2661 Contract No. Idm-2487
Operator's Name W. L. Weaver Minerals Uranium
Address Silt, Colorado

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	Feet	$340.00	17	$340.00	17	$20.00	100	$20.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$340.00		$340.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$340.00		$340.00				

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 3/2/53 Operator W. L. Weaver

Per W. L. Weaver Title Owner

Remarks: This project was started February 18, 1953.

→ 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.

U. S. GOVERNMENT PRINTING OFFICE 205676

Silt, Colo.
Mar. 2,1953

W. M. Traver Jr.,
Bureau of Mines,
Room 137,
Building 20,
Denver Federal Center,
Denver 14,
Colo.

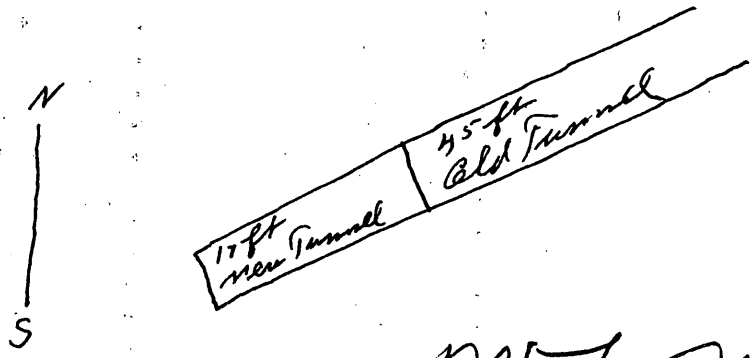
Dear Sir:

In reply to your request concerning End of Trail No. 2 Exploration Project Contract No. Idm-E487, Docket No. DMEA 2661. The mine tunnel has been extended 17 feet onto the old tunnel of 45 feet which now makes a total of 62 feet. The ore varys from 10 to 18 inches within this 17 feet of new tunnel, and we only have one assay at the present which runs V 25-7.30% U 308 - 0.27 , lime 1.7.

The tunnel has been extended as directed by the engineer these 17 feet and the sketch below shows the extention.

Yours truly,

P. S. This project was started Feb. 18,1953.



M. L. Weaver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

February 24, 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member
Uranium Commodity Committee

Subject: Final report, DMEA Docket 2661, W. L. Weaver, End of Trail No. 2, Garfield County, Colorado.

I have reviewed the subject final report and discussed it with Joseph O. Hosted, representative of the Atomic Energy Commission.

It is recommended that the report be approved and an exploration loan granted in the amount of $1,800.00

The subject report has been forwarded to the Chief, Minerals Division, Bureau of Mines, in accord with the routing slip attached thereto.

Signed

H. D. Keiser

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

E. Wm. Ellis, DMEA Member
Uranium Commodity Committee
Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

February 24, 1953

Final Report, DMEA Docket 2661 (Uranium) W. L. Weaver, Applicant: Silt, Colorado, End of the Trail No. 2 claim, S½ (mostly) Sec. 10, T. 5 S., R. 91 W., Garfield County, Colorado.

I have reviewed the final Field Team report with respect to the property identified in the subject above and concur with the recommendations made therein that exploration assistance be granted in the Government's proportionate share of $2,000.

Arthur P. Butler, Jr.

Copy to: E. Wm. Ellis (2)

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

224 New Customhouse
Denver 2, Colorado

February 13, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Contract No. Idm-E487, Docket No. DMEA 2661-W. L. Weaver (Uranium)

Enclosed are four copies of final report covering Docket No. DMEA 2661. A contract has been prepared and is in force.

W. H. King
W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

December 2, 1952

Memorandum

To: Field Team, Region IV

From: Acting Chief, Mining Division, Region IV

Subject: Final Report, DMEA Docket 2661, (Uranium) W. L. Weaver, End of Trail No. 2, Garfield County, Colorado

Enclosed are ten copies of the final engineering report on the subject docket.

The examining engineer believes this project has excellent possibilities and recommends approval.

The survey which was made at the applicant's expense shows that only the north end of the End of Trail claim is covered by an oil and gas lease. Since the proposed work all lies in the south part of the claim we concur in the recommendation of the field examiners to do 100 feet of drifting at an estimated cost of $2,000, Government participation 90%, or $1800.00.

W. H. King

W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
November 26, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMEA 2661 (Uranium), End of the Trail Number 2, W. L. Weaver, applicant; Garfield County, Colorado

Please find enclosed the original and ten copies of the "Summary, Conclusions, and Recommendations", by M. H. Salsbury and D. R. MacLaren, and of Salsbury's engineering report on the subject docket.

Salsbury concludes that a revised proposal by the applicant, W. L. Weaver, to drive 100 feet of exploratory drift following favorable mineralization has excellent possibilities of discovering uranium-bearing ore and is fully justified. He recommends the drive at an estimated cost of $20.00 per foot, the contract to be prepared on a short form MF-200 (A).

I concur with his conclusions and recommendations.

The applicant has submitted a map prepared by a registered surveyor, showing that the proposed exploration will not conflict with a prior oil and gas lease.

The original brochure and revision forwarded by the Region IV Field Team with their instructions to make a field examination is returned herewith.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/dd

cc 10
DMEA 2661
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
200 New Customhouse
Denver 2, Colorado

November 14, 1952

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 2661, End of the Trail Claim No. 2, Garfield County, Colorado.

Attached are 10 copies of the geological report by D. R. MacLaren covering DMEA Docket 2661, End of the Trail Claim No. 2, Garfield County, Colorado.

The applicant proposes to explore for uranium ore by driving 60 feet of tunnel; also, to build an ore bin and chute, and to construct 650 feet of access road.

Carnotite and radioactive carbonaceous material occur in the Morrison formation which outcrops on subject property. No uranium ore has been shipped from subject property, but from the adjoining property to the south. MacLaren concludes that the possibility of discovering uranium ore is good, and further exploration is justified. He, therefore, recommends that a loan be approved to drive the tunnel. However, the ore bin and chute are not necessary, and it is recommended that they be disallowed.

I concur in this recommendation.

A. H. Koschmann

A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (10)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

DMEA 2661, W. L. Weaver

End of the Trail Number 2 Claim

Garfield County, Colorado

Uranium

M. H. Salsbury, Mining Engineer
Bureau of Mines

D. R. MacLaren, Geologist
U. S. Geological Survey

November 20, 1952

DMEA 2661

W. L. WEAVER
END OF THE TRAIL NUMBER 2 CLAIM
GARFIELD COUNTY, COLORADO

Summary, Conclusions, and Recommendation

By M. H. Salsbury
Mining Engineer
Bureau of Mines

and

D. R. MacLaren
Geologist
U. S. Geological Survey

DMEA 2661

W. L. WEAVER
END OF THE TRAIL NUMBER 2 CLAIM
GARFIELD COUNTY, COLORADO

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

By M. H. Salsbury and D. R. MacLaren

The End of the Trail Number 2 claim, located in sec. 10, T. 5 S., R. 91 W., 6 P. M., 5-1/2 miles north of New Castle, Colo., near the Ryden ranch on Elk Creek, was visited on October 8, 1952, by D. R. MacLaren, U. S. Geological Survey, and on October 20 and 21 by M. H. Salsbury, Bureau of Mines.

The revised proposal of the applicant under DMEA 2661 calling for 100 feet of exploration drift at a cost of $2,000.00, Government participation 90 percent, or $1,800.00, was checked.

The prospect consists of a short tunnel driven on an exposure of light gray, limy sandstone of the Morrison formation which outcrops in a cliff some 300 feet above the valley floor on the west side of Elk Creek. The rocks of the area are Triassic, Jurassic and Cretaceous sediments which form flat-topped hills capped by Dakota (?) sandstone. The Morrison formation is represented by beds of medium-grained, cross-bedded sandstone lenses alternating with layers of light gray limestone and mudstone. The ore exposed at the applicant's prospect consists of 2 to 6 feet of sandstone with thin, irregular lenses containing carnotite and radioactive carbonaceous material.

The ore zone has been followed in a 38-foot tunnel driven into the hill. No ore has been shipped from the claim but the Atomic Energy Commission in Grand Junction reports the shipment since February 1951 of 15 tons of ore averaging 0.13 percent U_3O_8 from a similar outcrop on the claim adjoining to the south. This was material sorted from an old dump of vanadium ore.

The applicant's revised proposal to drive 100 feet of drift following the mineralization is a logical one and the estimated cost of $20.00 per foot is fair and reasonable. The necessary equipment is installed and the applicant is competent to do the work. He proposes to contribute his share of the cost in labor and equipment and to do the work himself, possibly hiring one man.

The horizon in which the prospect is located has not been sufficiently explored and the possibility of discovering uranium-bearing ore appears to be good. Further exploration is justified.

It is recommended that this application be approved in the amount of $2,000.00, Government participation 90 percent, or $1,800.00, for the purpose of driving 100 feet of prospect drift, subject to clarification of the validity of the location of the claim which may conflict with an oil and gas lease on the north half of section 10.

END OF THE TRAIL CLAIM NO. 2

GARFIELD COUNTY, COLORADO

DMEA DOCKET 2661

Geologic Report

By D. R. MacLaren
U. S. Geological Survey

END OF THE TRAIL CLAIM NO. 2
GARFIELD COUNTY, COLORADO

INTRODUCTION

W. L. Weaver of Silt, Colorado, has applied to the Defense Minerals Exploration Administration for assistance to explore for uranium on the End of the Trail claim No. 2, Elk Creek district, secs. 10 and 15, T. 5 S., R. 91 W., Garfield County, Colorado. The applicant proposes to build an ore bin and chute, to construct 650 feet of access road, and to drive 60 feet of tunnel at an estimated cost of $2,232, of which the Government will pay $2,008.

The property was examined on October 8, 1952, accompanied by the applicant. The claim is accessible throughout most of the year from New Castle, Colorado, over 5½ miles of graveled State Highway 329, and about 1 mile of poor dirt "mine" road.

The ore bin and chute are not necessary to the exploration and it is recommended that they be disallowed. It is recommended that this application be approved to allow 100 feet of tunnel at a cost of $2,000, the Government's share to be $1,800, as estimated by the U. S. Bureau of Mines.

GEOLOGY

The rocks of the area are Triassic, Jurassic, and Cretaceous sediments that have a general northwesterly strike and dip from 12° to 33° SW. On the End of the Trail claim No. 2, the Morrison formation outcrops from a steep slope about 200 to 300 feet high. The hill is capped by Dakota(?)

sandstone that forms a low cliff. Any other cliff and bench topography that might have been developed on the Morrison outcrop has been obliterated by talus fill except for an occasional small cliff 3 to 5 feet high.

The Morrison is represented by beds of medium-grained, cross-bedded sandstone lenses alternating with layers of light gray limestone and mudstone. The ore horizon is a zone 3 to 6 feet thick in a medium to light gray limey sandstone in which occur thin irregular lenses containing carnotite and radioactive carbonaceous material. The ore zone has been followed by a 38 foot tunnel in which considerable carnotite occurs along joints and bedding planes. Along the north wall of the tunnel two seams of carbonaceous material, each about 1/8 inch thick, show considerable radioactivity. Near the portal of the tunnel the beds strike N. 52° W. and dip 12° SW. The two "coal" stringers near the breast strike N. 18° W., and dip 33° W.

No ore has been shipped from this claim, but from the one adjoining it to the south, the AEC in Grand Junction reports that since February 28, 1952, 15 tons of ore averaging .13% U_3O_8 have been shipped to the U. S. Vanadium Company mill at Rifle.

CONCLUSIONS AND RECOMMENDATIONS

Carnotite and radioactive carbonaceous material exist in a known horizon of the Morrison formation. Locally, this horizon has not been sufficiently explored to determine extent and grade of ore. The possibility of discovering uranium bearing ore appears to be good, and further exploration is justified. Due to the steepness of the slopes, diamond drilling would be costly and difficult, and exploration by tunneling is recommended.

It is also recommended that this application be approved for the sum of $2,000, the Government's share to be $1,800, to drive 100 feet of tunnel.

DMEA 2661

W. L. WEAVER
END OF THE TRAIL NUMBER 2 CLAIM
GARFIELD COUNTY, COLORADO

Engineering Report

By M. H. Salsbury
Mining Engineer
Bureau of Mines

DMEA 2261

W. L. WEAVER
END OF THE TRAIL NUMBER 2 CLAIM
GARFIELD COUNTY, COLORADO

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DMEA 2661

W. L. WEAVER
END OF THE TRAIL NUMBER 2 CLAIM
GARFIELD COUNTY, COLORADO

ENGINEERING REPORT

By

M. H. Salsbury

INTRODUCTION

On October 20 and 21, 1952, M. H. Salsbury of the Bureau of Mines examined the End of the Trail Number 2 claim on which W. L. Weaver, of Silt, Colo., has applied for exploration assistance on a uranium prospect in the amount of $2,232.00, Government participation 90 percent, or $2,008.80, under DMEA 2661.

Originally, the applicant proposed to construct 650 feet of road, build an ore bin, and drive 60 feet of exploration tunnel on an exposure of uranium ore. He was advised later by D. R. MacLaren of the U. S. Geological Survey, who examined the property on October 8, 1952, that the ore bin would not be allowed under an exploration loan. Since then, enough of the necessary road has been constructed to serve the requirements of the proposed exploration work. The applicant is, therefore, filing an amended application calling for 100 feet of exploration tunnel at an estimated cost of $20.00 per foot, or $2,000.00; Government participation 90 percent, or $1,800.00.

ACKNOWLEDGMENTS

Information on the property was obtained from the office of the Atomic Energy Commission in Grand Junction, Colo., from the Bureau of Land Management in Denver, Colo., from the office of the U. S. Vanadium Company in Rifle, Colo., and from the county offices in the Garfield County courthouse, Glenwood Springs, Colo.

LOCATION, TOPOGRAPHY, AND PHYSICAL FEATURES

The End of the Trail Number 2 claim is located in the Elk Creek district of Garfield County, Colo., in sec. 10, T. 5 S., R. 91 W., 6 P. M. (fig. 1). The location certificate further describes it as being in the "Gold Stone Mining District". The claim is several miles east of a similar occurrence where vanadium and uranium deposits are mined by the U. S. Vanadium Company.

The country is typical mesa land cut by canyons, with steep slopes and prominent outcrops at and below the mesa tops and talus slopes masking the flat-lying sedimentary beds lower down.

The applicant's claim is on the east slope of a hill overlooking the Ryden ranch on Elk Creek to the east. It is 0.7 of a mile by a very steep dirt road to the county road at the Ryden ranch and 5.5 miles by county road and State Highway 329 to U. S. Highway 24 at New Castle, Colo.

The area is accessible throughout the year, even during severe winters, through the efforts of county road crews. The mine road from the county highway to the workings will probably be impassable for periods after heavy storms and during the spring thaw. The

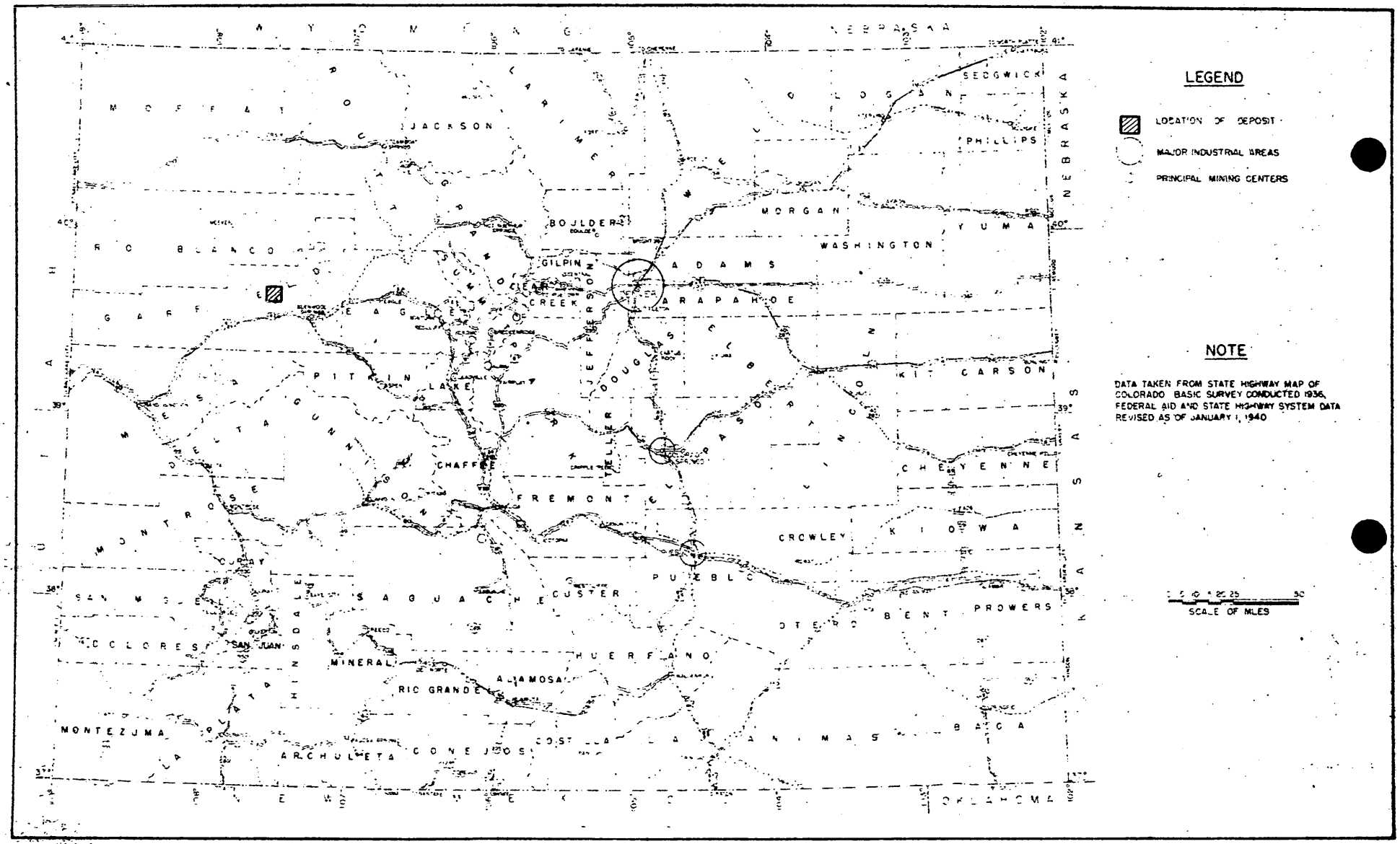

Figure 1 - Location map, End of Trail No. 2, W. L. Weaver, Elk Creek district, Garfield County, Colorado - DMEA 2661.

property is 16 miles from the plant of the U. S. Vanadium Company at Rifle, Colo., the market for any ore produced.

HISTORY AND PRODUCTION

The area was prospected at the time exploration for vanadium was being carried on in this vicinity but there were no valid locations until 1942 when two claims, End of the Trail Number 1 and Number 2, were located end to end by C. J. Crawford and Frank E. Long. Shipments of vanadium ore from shallow workings on the End of the Trail Number 1, which adjoins the applicant's claim on the south, have been made since 1942 and the Atomic Energy Commission reports the shipment of 15 tons of ore assaying 0.13 percent U_3O_8 from the End of the Trail Number 1 since February 1951. Prior shipments undoubtedly contained uranium which was not considered or paid for. The claim is not being worked at the present time.

There has been no production from the applicant's claim.

OWNERSHIP AND EXTENT

The applicant's claim, End of the Trail Number 2, is recorded in the Garfield County courthouse, Glenwood Springs, Colo., under location certificate number 146903, filed at 11:20 a.m., June 6, 1942, and recorded in book LR2a on page 210. The locators, C. J. Crawford and Frank E. Long, sold the claim to Chester E. Wittwer and Walter L. (W. L.) Weaver on June 14, 1951. On September 28, 1951, Wittwer gave Weaver, the applicant, a quitclaim deed for his interest and Weaver is now the sole owner.

The validity of the location is clouded by a gas and oil lease on the north half of sec. 10, T. 5 S., R. 91 W., issued by the Government and dated November 1, 1946, extended 5 years.

The actual position of the End of the Trail Number 2 claim is vague as described in the location certificate. The discovery point is 50 feet from the south end line of the 1,500- by 600-foot claim which is described as 0.75 mile westerly from the residence on the Ryden Brothers' ranch on main Elk Creek. The Atomic Energy Commission engineer placed the southeast corner of the claim roughly 3,500 feet S. 86° W. from the only house which can be seen from the claim. This is the residence on the Ryden ranch. The Bureau of Mines engineer found this measurement and bearing reasonably accurate and further established that the bearing of the sideline of the claim is about N. 16° W.

By reference to a map at the Ryden ranch which the Bureau engineer examined, the Ryden ranch residence is in section 11 not far south of a line marking the boundary between the north and south halves of sections 10 and 11. The highway and transportation map of Garfield County issued by the Colorado State Highway department places the residence north of the same boundary. However, the highway office states that the accuracy of this map is questionable. In either case the tie from the ranch residence to the claim places part of the applicant's claim, at least, in the north half of section 10 in conflict with the oil and gas lease. A survey would be necessary to establish the location of the claim accurately.

While the location date of End of the Trail Number 2 claim, June 6, 1942, clearly antedates the oil and gas lease dated November 1, 1946, it would probably be necessary to have the Bureau of Land Management take steps to validate the location unless the applicant can show that the claim is entirely in the south half of section 10, which is open. The relationships described above are shown in detail on figure 2.

DESCRIPTION OF THE DEPOSITS

The ore consists of carnotite and radioactive carbonaceous material in a light gray, limy sandstone of the Morrison formation which outcrops about 300 feet above the valley floor. The mineralization is low-grade and "spotty" in character and appears to be 2 to 6 feet wide with two seams 1/8- to 1/4-inches thick of carbonaceous material showing on the north wall of a short tunnel (fig. 2, insert) following the ore, and running slightly down grade on the dip of the bedding which strikes N. 40° to 45° W. and dips about 12° to the southwest. The carbonaceous seams near the face dip as much as 35° to the west and strike N. 18° W.

The mineralization is similar to that in the same bed on the End of the Trail Number 1 claim which adjoins on the south and which has produced some vanadium and uranium from shallow workings along the outcrop.

ORE RESERVES

There are no developed ore reserves.

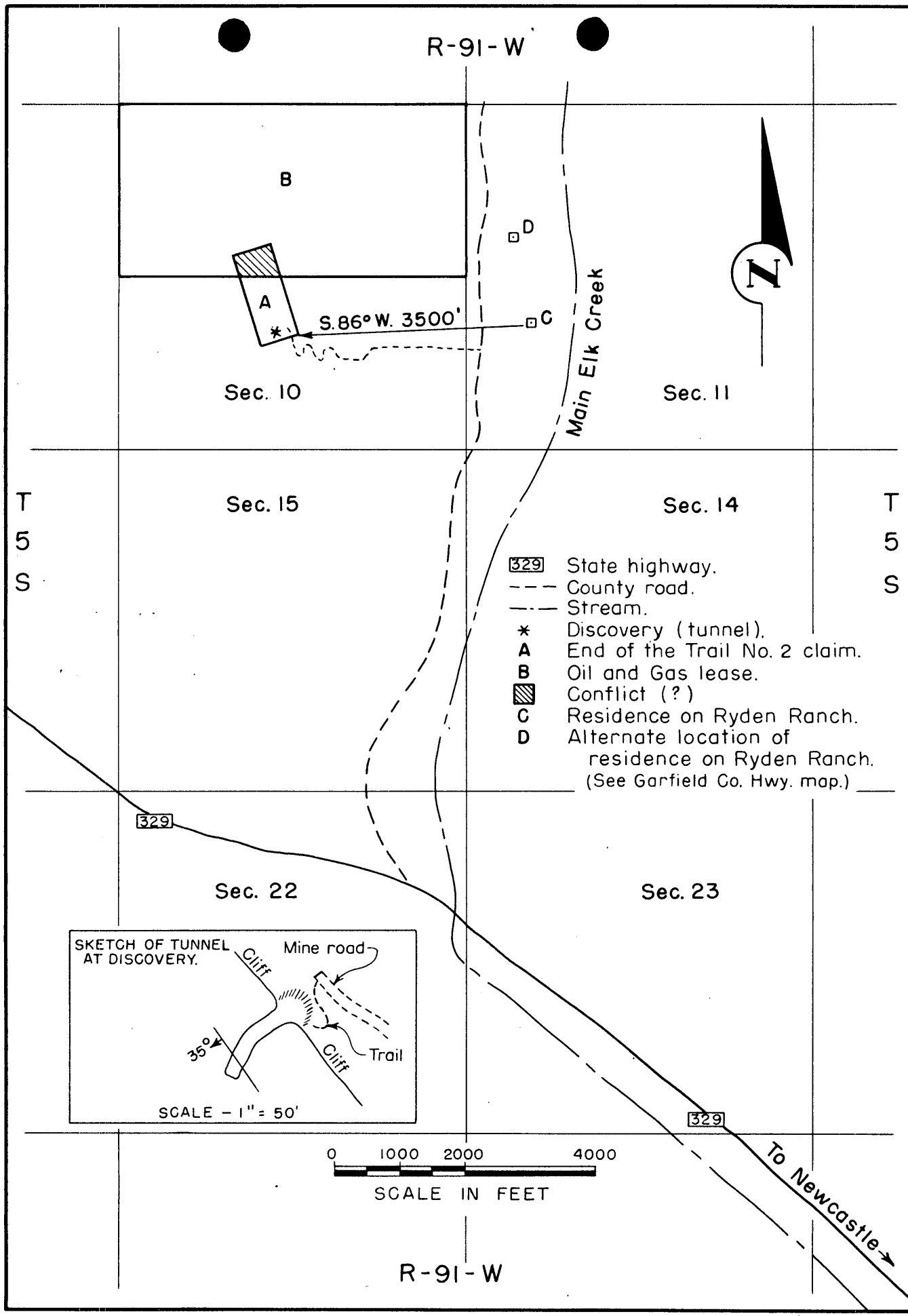

FIGURE 2-END OF THE TRAIL NO. 2, W. L. WEAVER, ELK CREEK DIST., GARFIELD CO., COLO. DMEA 2661

PRESENT STATUS

Exploration and Development

The applicant has completed a very steep road to a point fifty feet down the hill from the tunnel portal and states that this will suffice for the proposed exploration. The tunnel is reached by a steep trail over which Weaver has carried in all supplies.

The tunnel has been driven southwest 38 feet on a slight downgrade following the mineralization. Muck is handled with a wheelbarrow.

Mining and Milling Equipment

The operation is equipped with a converted gasoline engine used as a compressor, a light unmounted jack hammer, small tools, drill rods, and detachable bits. The compressor is not efficient but is adequate for drilling the soft rock encountered.

There are no milling facilities and any ore produced will be shipped to the U. S. Vanadium plant at Rifle, Colo.

PROJECT PROPOSALS

The applicant's revised proposal consists of driving 100 feet of prospect drift at an estimated cost of $20.00 per foot to explore the mineralization showing in the face of the tunnel. No additional equipment is needed and the applicant proposes to furnish all equipment and labor, possibly employing one man in addition to himself.

PRODUCTION PLAN

The applicant estimated that he could complete the exploration under the original proposal in nine months. Barring delays from bad weather, he should complete the revised proposal in four months.

PROPOSED FINANCING

The applicant proposes to furnish his share of the cost in labor and equipment.

CONCLUSIONS

The mineralization showing in the tunnel is fairly strong and is worth further prospecting.

By analogy with the deposits mined in the End of the Trail Number 1 claim to the south, there is an excellent possibility of opening up worthwhile amounts of uranium ore. The material now exposed would make only low-grade ore if mined and sorted carefully, but there is a good possibility of opening up larger and richer lenses by further work.

The applicant's plan of drifting along the mineralization is the only method economically feasible in this instance.

The pitch of the ore appears to be at an angle to and flatter than the dip of the radioactive seams so that it should be possible to continue exploration using a wheelbarrow for haulage. The applicant states, however, that he can furnish a hoist, track, and car, if necessary.

The applicant is competent to carry on the proposed exploration and, so far as inquiry in the vicinity disclosed, is reliable.

RECOMMENDATIONS

It is recommended, if the location of the claim is established and/or the conflict with the oil and gas lease on the north half of section 10 can be adjusted, that an exploration loan in the amount of $2,000.00, Government participation 90 percent, or $1,800.00, be approved to drive 100 feet of drift following the mineralization now showing in the face of the tunnel. This work would not necessarily follow a straight line and might consist of several branching headings as conditions require.

A rate of payment of $20.00 per foot incorporated in a short form contract would be a fair and reasonable figure under the conditions prevailing.

cb

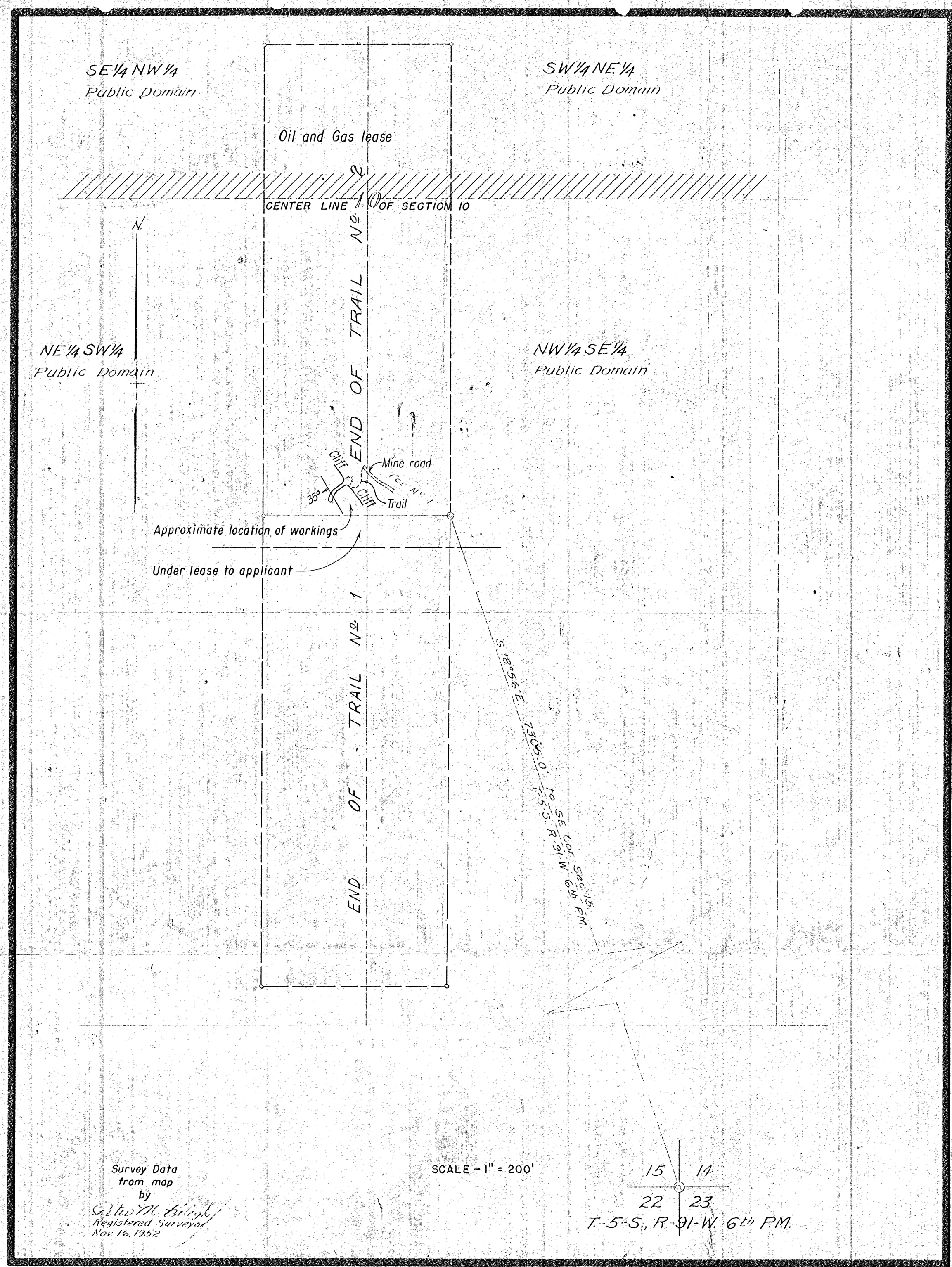

FIGURE 1 - END OF THE TRAIL NO. 2, W. L. WEAVER, ELK CREEK DIST., GARFIELD CO., COLO. DMEA 2661

Feb. 17-53

Comment: DMEA-2661

Suppose the north 100 feet of "End of Trail No. 1" was all that Operator could obtain since the Owners of that claim had already shipped ore from the same formation on this claim. It does seem odd however.

EWR