OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-E632, Docket DMEA-2957 (tungsten), dated October 30, 1953, with

Carl Hovgard
1141 Butternut Street
Abilene, Texas

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Williams Tungsten Mine (Wothree Mine) located in Mohave County, Arizona, during the period May 7, 1960, through October 28, 1963.

A certification of discovery or development was issued on August 9, 1956, and, in accordance with Annex III (attached to Amendment No. 2) and Amendment No. 4 of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 11 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated December 14, 1955, indicated accepted costs under the exploration contract amounting to $31,275.00 with the Government's contribution on a 75 percent basis being $23,456.25.

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

This review found no sales subject to the Government's royalty subsequent to the period covered by a prior Report of Royalty Review which found the sales subject to the Government's royalty through May 6, 1960, to be $29,735.66. The royalty account as of May 6, 1960, was:

Total Royalty Payable	$1,486.78
Total Royalty Paid	1,486.78
Balance of Royalty Due	$ -0-

As of October 28, 1963, the royalty account of this project was found to be:

Total Royalty Payable	$1,486.78
Total Royalty Paid	1,486.78
Balance of Royalty Due	$ -0-

E. D. Talbert

E. D. Talbert, OME Auditor

November 4, 1963

Idm-K632 Carl Hovgard DMRA-2957

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

This contract as amended provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder. The land consists of ten unpatented claims (Tungsten Nos. 1 through 10) in secs. 19, 20, 29, and 30, T. 16½ N., R. 11 W., G. & S.R.M., Greenwood Mining District. At the time the contract was executed the Operator was the owner of the property subject to contractual liens of Joseph B. Rice, Jr., Norman D. FitzGerald, F. Leroy Foster, and George B. Blonsky. In consideration of the contract each of these parties executed Owner's Consents to Lien in September 1953.

Exploration work under the contract was completed in October 1955. During the exploration period and for a few months thereafter, the Operator, d/b/a Wothree Mines, mined and concentrated about 1,800 tons of ore, which produced 526.8725 units of WO_3. The proceeds of $29,735.66 from the sale of this production, principally to the General Services Administration under the Domestic Tungsten Purchase Program, are covered by Reports of Royalty Review dated May 10, 1960, and August 25, 1955.

The Operator ceased both mining and milling in December 1955, disposed of all equipment and buildings, and formally abandoned the claims on February 10, 1956. The claims were relocated in 1958 by Grace E. Mellen, Box 806, Kingman, Arizona.

Examinations of the property and inquiries by DMRA and OMK regional representatives disclosed no evidence of production from December 1955 to May 10, 1960. In September 5, 1962, and October 28, 1963, replies to MMK Form 63 inquiries addressed to the Operator, Norman D. FitzGerald, Box 5046, Abilene, Texas, advised over his title of "Manager" that neither production nor change in property status had occurred since May 10, 1960.

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

(1) The files indicate that all production since the date of the contract has been reported and proper royalty thereon paid;
(2) No production has occurred since December 1955; and

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

800

Building 20 - Federal Center
Denver, Colorado
80225

November 27, 1963

Memorandum

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

From: Acting Field Officer, ONE, Region III

Subject: [illegible]-2957 (Tungsten)
Contract Idm-E632
Carl Hovgard
(Williams Tungsten Mine - Wotkins Mine)
Mohave County, Arizona

Attached is the original Report of Royalty Review dated November 4, 1963, on the subject property covering the period May 7, 1960, through October 28, 1963.

Original signed by

Hugh M. Connors

Attachment

cc Chief, Division of Field Operations, ONE
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. Idm-E632
Chron
HMC/lm

NOV 2 0 1963

Memorandum

To: Acting Field Officer, Region III

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

Subject: DMRA-2957 (Tungsten)
Carl Rovgard
Williams Tungsten Mine (Wothree Mine)
Mohave County, Arizona
Contract Idm-8632

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

(a) Original to the Fiscal Section, Division of Management Operations, Office of the Secretary, U. S. Department of the Interior, Washington, D. C. 20240; and

(b) One copy for your files.

This Report of Royalty Review is made for record purposes only; therefore, no copy for the Operator is provided.

As evidence of your concurrence, a copy of your memorandum transmitting the original report to the Fiscal Section should be furnished this Division. If for any reason you do not concur, both copies of the report should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 11-19-63

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

Mr. Carl Hovgard
c/o Mr. Norman D. FitzGerald
Box 9046
Abilene, Texas

Re: NMSA-2957 (Tungsten)
Carl Hovgard
Williams Tungsten Mine
(Nathrus Mine)
Mohave County, Arizona
Contract Ida-5632

Dear Mr. Hovgard:

We thank you for the information contained in your reply of September 5, 1962, to our MMS Form 63, Request for Information on Certified Project and Project under Royalty Agreement.

Although you state that the property has been abandoned, please note that under Article 6 of the contract, as modified by Amend III, and as set forth in our letter of August 9, 1956, your responsibility for the payment of the Government's percentage royalty on all minerals mined or produced from the land under the contract continues, as surety under the contract, from October 30, 1953, to October 30, 1964, until the sum of $23,456.25 has been paid. To date $1,486.78 royalty has been paid, leaving a balance repayable by royalty of $21,969.47.

Sincerely yours,

(signed) FRANK E. JOHNSON

ACTING Director

SPHolt/ama 9-14-62

cc:
Docket
Director's Reading File
CA & A Division
Region III (2) (w/ey of Form 63)
Code 500

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED MAR 13 1961
DATE | INITIALS | CODE
800

March 8, 1961

Mrs. Grace E. Melles
Box 806
Kingman, Arizona

Re: Docket No. BMRA-2957 (Tungsten)
Contract No. Idm-2632
Carl Hovgard
(Williams or Wothree Mine)
Mohave County, Arizona

Dear Mr. Melles:

This responds to your letter of March 6, 1961 regarding the Wothree mine, Mohave County, Arizona.

Contract No. Idm 2632 for the exploration of the Williams (Wothree) mine tungsten deposits was executed October 30, 1953. Expenditures up to $33,000.00 were authorized by the contract, of which the Government's share at 75% was $24,075.00. The cost of the work completed was $31,275.00, of which the Government's share at 75% was $23,456.25.

The work completed comprised 882.5 feet of drifting and crosscutting, 60 feet of raise, and 50 feet of winze. Sufficient tungsten ore was discovered by the project work to warrant a Certification of Discovery.

The contract provided for royalty on production as follows:

WHEN VALUE PER DRY TON IS:		ROYALTY PAYMENTS ARE:
$0.01 - $8.49		1.5%
8.50 - 8.99		2.0
9.00 - 9.49		2.5
9.50 - 9.99	then	3.0
10.00 - 10.49		3.5
10.50 - 10.99		4.0
11.00 - 11.49		4.5
11.50 - and over		5.0

* $1486.78 has been paid by royalty.

I do not have sufficient information concerning you, your finances, the present condition of the property and other information necessary to advise you whether or not it would be advisable for you to go ahead with location work and assessment work on these claims.

May I suggest that you consult your family attorney regarding the advisability of your going ahead with this work.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations (2)
with copy of Grace Melles letter dated March 6, 1961
Royalty Corres E632
Chron

Ome

Kingman, Ariz.

March 6, 1961

EXTRA COPY
O. M. E
RECEIVED MAR 13 1961

DATE	INITIALS	CODE

E 632

Hugh N. Connors

Acting Field Officer, Ome

Region 111

Dear Mr. Connors

I recieved your letter of March 7.1961, In regards to the Worthree Williams Tungsten Mines.

Would you give me some imformation? As to the condition of the Loan? and what Royaltys the Goverment would demand?

Would it be advisable for me to go ahead with the Location Work and assessment work?

Any imformation you can give me will be appreciated.

Thanks Kindly

Grace E. Melles

Grace E. Melles

Box 906

Kingman, Ariz

Selfridge (2)

Building 20 - Federal Center
Denver 25, Colorado

March 3, 1961

EXTRA COPY
O. M. E
RECEIVED MAR 6 1961

DATE		CODE
		800

Mrs. Grace E. Melles
Box 806
Kingman, Arizona

Re: Docket No. DMRA-2957 (Tungsten)
Contract No. Ida-E632
Carl Hovgard
(Williams or Wothree Mine)
Mohave County, Arizona

Dear Mrs. Melles:

Your letter dated February 23, 1961, addressed to Lincoln A. Stewart, Tucson, Arizona, has been referred to this office for reply.

This is to advise that ten unpatented lode mining claims, Tungsten No. 1 -- Tungsten No. 10, inclusive, were subordinated to the Government under the captioned contract. A certification of discovery or development under the contract was dated August 9, 1956. Pursuant to the provisions of that contract, royalty is due the Government on any production from the property covered by the contract until October 30, 1964, or until the amount contributed by the Government is repaid in full, whichever occurs first.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc: Lincoln A. Stewart
Tucson, Arizona
Chief, Division of Field Operations, OME (2)
R. W. Geehan, Regional Director, Region III
Royalty Corres E632
Chron

HMC/lm

Kingman, Ariz.

U. S. BUREAU OF MINES Feb. 23, 1961

FEB 24 1961
TUCSON, ARIZONA

Lincolin A. Stewart

Bureau Of Mines

Dear Mr. Stewart:

F 62

Would you give me some imformation on the Williams Tungsten Mine? Whitch I have located, and hoped to Patent a couple of the Claims and do some work on a small scale.

One of the neighbors Who live near the Mine, Told me there is a goverment Lean against the Property.

When Mr. Blonskey left the property, Him and his Company Filed Notice of Abandonment, and the Goverment Auction off all Machinery Buildings Rail in fact every thing. all they left is the Tunnels. Now I was under the impression, That satisfied the Exploration loan from the Goverment.

If this is so I would not care to spend any more money or time on the Property,

Would you have any imformation on this? If not,, Could you advise me where to write? To clear this matter, up, Any thing you can tell will be appreciated.

Thanks Kindley

Grace E. Welles

Grace E. Welles

Box 906

Kingman, Ariz.

EXTRA COPY
O. M. E
RECEIVED MAR 6 1961

DATE	INITIALS	CODE

OME
DEPARTMENT OF THE INTERIOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

DIVISION OF MINERAL RESOURCES

Box 4097, Tucson, Arizona

February 28, 1961

Memorandum

To: Hugh M. Connors, Acting Field Officer, OME, Denver, Colo.

From: Lincoln A. Stewart, Tucson, Arizona

Subject: DMEA-2957, Wothree Mines, Williams Tungsten, Mohave County, Arizona.

Herewith find a copy of a letter from Grace E. Melles requesting information concerning captioned mine, and my reply to her.

Please note that a reply will be expected from you, as you have the requested information in your files.

Lincoln A. Stewart

Lincoln A. Stewart

CC H. Connors
R. W. Geegan
Act. Chief, Div. of Min. Res.
467-W. of Gila etc.
DF

LAS tewart:frj

EXTRA COPY
O. M. E
RECEIVED MAR 6 1961

DATE	INITIALS	CODE

Box 4097, Tucson, Arizona

February 28, 1961

Mrs. Grace E. Melles
Box 806
Kingman, Ariz.

Dear Mrs. Melles:

As we explained in our letter of January 30, information concerning the Williams (Wethree) tungsten mine will be published shortly in a Report of Investigations entitled "Tungsten Deposits of Gila, Yavapai, and Mohave Counties, Ariz."

This mine was the recipient of Government aid in the form of a Defense Minerals Exploration Administration project. The functions of this agency now rest in the Office of Minerals Exploration, of which Hugh M. Connors, Denver, Colo. is Acting Field Officer of this region.

We are sending your letter to him, as all essential data concerning the status of royalties, possible certification, etc., are in his office.

You will receive a reply from Connors.

Sincerely yours,

Lincoln A. Stewart
Mining Engineer

EXTRA COPY
O. M. E
RECEIVED
DATE

CC H. Connors (2)
R. W. Geehan
Acting Chief, Div. of Min. Res.
467-W Gila etc.
DF

LAStewart:frj

EXTRA COPY O. M. E RECEIVED JUN 6 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

June 1, 1960

Mr. Carl Hovgard
1141 Rutherford Street
Abilene, Texas

Re: Docket No. [illegible]-2957 (Tungsten)
Contract No. I[illegible]-1632
Carl Hovgard
(Williams or Wallace Mine)
Mohave County, Arizona

Dear Mr. Hovgard:

This has further reference to the Notice of Abandonment on the captioned property.

A review of the Arizona Statutes and the decisions in that State pertaining to the abandonment of mining claims reveals the decision of the Arizona Supreme Court in Alexander v. Sherman, 16 Pacific [illegible].45, holding that a mining claim which is subject to a lien may not be abandoned by the owners in order to defeat the lien. By Annex III the Government received a guaranty that you would, as surety, be liable for any production from the land.

Therefore, we are continuing to look to you for payment of Royalty on any production from the property covered by the contract, as amended, until October 30, 1964, or until the sum of $[illegible],456.25 is paid, whichever occurs first.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer
OME, Region III

CC: Mr. Norman B. Fitzgerald
P. O. Box 5046
Abilene, Texas

HMC/lm
cc: Chief, Division of Field Operations (2)
Hasler
Royalty Corres. E632
Chron

MAY 26 1960

Memorandum

To: Acting Field Officer, OGC Region III

From: Chief, Division of Field Operations

Subject: ZMMA-2557 (Tungsten)
Carl Mengoni
Williams Tungsten Mine (Neuhaus Mine)
Mohave County, Arizona
Contract Ldm-[illegible]32

Reference is made to Mr. Townsend's memorandum of February 12, 1960, requesting advice as to whether the subject Contract will fall into a category similar to that of Contract No. Ldm-[illegible], Docket No. ZMMA-[illegible], American Mining Company.

The subject Contract was later amended by Amendment No. 2 which added Annex III (30404). The Annex provides that the Operator, either as principal or as surety, shall pay royalties to the Government. The project was certified as a discovery or development on August 9, 1956, subsequent to its abandonment as shown by the copy of Notice of Abandonment which was sent us in February.

A review of the Arizona Statutes and the decisions in that State pertaining to the abandonment of mining claims reveals the decision of the Arizona Supreme Court in Alexander v. Sherman, 16 Pacific 2d.48, holding that a mining claim which is subject to a lien may not be abandoned by the owners in order to defeat the lien. By Annex III the Government received a guaranty from the Operator that he would, as surety, be liable for any production from the land. Therefore, the Operator should be notified that the Government will continue to look to him for payment of royalty on any production from the property covered by the Contract, as amended, during the remainder of the Contract period.

/S/ [illegible]

([illegible])

SFHolt/GCSelfridge/gla/hb (5/25/60)
Copy to: Director's Reading File
Review Committee
Harold Kirkham, USGS
G.C.Selfridge
Docket
Chron.
CA&A Div.

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

FEB [illegible] 1956

Memorandum

To: Acting Associate Solicitor, Division of Mineral Resources

From: Acting Director, Office of Minerals Exploration

Subject: Docket No. [illegible]-2557 (Tungsten)
Carl Bergquist
William Tungsten Mine (Pathfinder Mine)
Mohave County, Arizona
Contract No. [illegible]

The subject Contract, dated October 30, 1953, is written on form [illegible] (February 1952) Annex II (A5106) providing that either the Operator or his successor in interest should pay royalty was substituted for all of paragraph (g) of Article 6 which precedes the claim. The contract also includes an Owner's Consent to Lien on form [illegible] (Revised July 1, 1951).

Later the Contract was amended by Amendment No. 2, executed October 4, 1954, effective as of October 30, 1953, which added Annex III (30604) in lieu of Article 6. This Annex provides that the Operator either as principal or as surety shall pay royalties to the Government. The project was certified as a discovery or development on August 9, 1954, apparently subsequent to the abandonment of the land.

The accompanying Contract [illegible]-2542, dated January 30, 1953 (Docket No. [illegible]), is written on the same contract form as the subject Contract [illegible]. By Amendment No. 2 executed on July 15, 1954, Annex I (30604) was substituted in lieu of Article 6. This Annex contains the surety clause and is the same as Annex III of the subject Contract. This Contract [illegible]-2542 has an Owner's Consent to Lien on form [illegible] (Revised July 1, 1954) which is much the same as the Owner's Consent to Lien in the subject Contract. The project was certified as a discovery or development on August 18, 1954.

In answer to an inquiry of July 15, 1955, from Mr. W. R. Griswold, the Office of the Acting Assistant Solicitor, Defense Minerals, prepared a memorandum of September 22, 1955, setting forth the relationship of the (abandonment provision) and the Annex (30604) containing the surety clause. The memorandum states that the Operator is still liable for

royalty even though the (abandonment provision) exists as the Annex is the latest agreement of the parties. Such obligation to pay royalty is secured by a Consent to Lien of the landowner. In other cases involving the later addition of the survey clause, Annex (2000A), MMA has always held that the Operator was liable for royalty payments in keeping with the September 22, 1955, memorandum .

In the light of this information, is the proposed memorandum regarding abandonment of the subject property valid?

Acting Director

Attachments

REPORT OF
ROYALTY REVIEW

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Office of Minerals Exploration, Washington, D. C., and the Acting Field Officer, OME Region III, Denver, Colorado, pertaining to Contract No. Idm-E632, Docket No. DMEA-2957 (Tungsten), dated October 30, 1953, with

Carl Hovgard
1141 Butternut Street
Abilene, Texas

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Williams Tungsten Mine (Wothree Mine) located in Mohave County, Arizona, during the period May 18, 1955, through May 6, 1960.

A certification of discovery or development was issued on August 9, 1956, and, in accordance with Annex III and Amendment No. 4 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 11 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review in lieu of final audit dated December 14, 1955, indicated accepted costs under the exploration contract amounting to $31,275.00 with the Government's contribution, on a 75 percent basis, being $23,456.25.

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

This review established the total sales of tungsten concentrates for the period to be $8,471.49. Royalty due the Government at rates specified in the contract is $423.57.

A prior Report of Royalty Review found the sales subject to Government royalty through May 17, 1955, to be $21,264.17 which added to the sales for this subsequent period make a total of $29,735.66. The royalty account as of May 17, 1955, was:

Total Royalty Due	$1,063.21
Total Royalty Paid	1,063.21
Balance of Royalty Due	$ -0-

At May 6, 1960, the royalty accountof this project was found to be:

Total Royalty Due	$1,486.78
Total Royalty Paid	1,486.78
Balance of Royalty Due	$ -0-

C. E. Fisher

May 10, 1960

C. E. Fisher, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

In a letter dated August 31, 1956, the Operator advised that Wothree Mine was abandoned in March 1956. In Statement in Lieu of Interim Report of Certified Project dated March 10, 1960, signed by T. M. Romslo, statement is made that notice of abandonment of the property was filed and recorded at the County Recorder's Office, February 15, 1956.

This review included a tabulation and recomputation of copies of settlement sheets submitted in support of royalty payments made to the Executive Officer, Region III, The tabulation is filed as a part of my audit work-papers.

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

(1) Inspection reports by representatives of the Field Team, Region III, indicated that there has been no sales of production since January 1956 and that all production from the mine has been reported and proper royalty paid to the Government; and

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

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Carl Hovgard

Address 1141 Butternut Street

Abilene, Texas

Exploration Contract No. Idm-E632 Docket No. DMEA-2957

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

A Notice of Abandonment of the property was filed and recorded at the County Recorder's Office February 15, 1956. There has not been any production from the property subsequent to that date.

Original signed by

May 10, 1960
Date

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

EXTRA COPY O. M. E RECEIVED JUN 6 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

June 1, 1960

Memorandum

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

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

Subject: Docket No. [redacted]-2957 (Tungsten)
Contract No. Idm-[redacted]
Carl Hovgard
(Williams or Wotkree Mine)
Mohave County, Arizona

Attached is the original of the Report of Royalty Review on the subject contract covering the period May 18, 1955, through May 6, 1960.

Original signed by

Hugh M. Connors

Enclosure

HMC/lm
cc: Chief, Division of Field Operations (2)
Royalty Corres. [redacted]
Chron

EXTRA COPY O. M. E. RECEIVED JUN 6 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

June 1, 1960

Mr. Norman D. Fitzgerald
P. O. Box 5046
Abilene, Texas

Re: Docket No. DMRA-8957 (Tungsten)
Contract No. Ida-8632
Carl Hovgard
(Williams or Withers Mine)
Mohave County, Arizona

Dear Mr. Fitzgerald:

Enclosed is your copy of the Report of Royalty Review covering the period May 18, 1955, through May 6, 1960.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer
OME, Region III

Enclosure

HMC/lm
cc: Chief, Division of Field Operations (2)
E. W. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. 8632
Chron

EXTRA COPY O. M. E RECEIVED FEB 15 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado
February 12, 1960

Memorandum

TO: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Docket No. DMEA ~~2757~~ 2957 (Tungsten) Contract No. Idm-E632
Carl Hovgard (Williams or Wothree mine) Mohave County, Arizona

Enclosed are the following pertaining to abandonment of the subject property:

(1) Two copies of a letter dated February 5, 1960 from the office of the County Recorder of Mohave County, Arizona.

(2) Two copies of a letter dated February 11, 1960 from Norman D. Fitzgerald who signed Form MF 203, Owner's Consent to Lien in conjunction with the contract.

Under the circumstances it appears that this property will fall in a category similar to that of Contract Idm-E468, Docket No. DMEA 2202X, Amerimex Mining Company. We will appreciate youradvice in the matter.

Original signed by

J. W. Townsend

Enclosures

JWT:ltm

cc: Roy. Corres. E632
Susp.
Chron.

EXPLORATION
EXPLOITATION

Norman D. FitzGerald

Producer of Crude Oil

P. O. BOX 5046
ABILENE, TEXAS

February 11, 1960

OME
DEPARTMENT OF THE INTERIOR
FEB 1 ...
REGION III
DENVER COLORADO

Mr. J. W. Townsend, Executive Officer, OME
United States Department of the Interior
Office of Minerals Exploration
Building 20 - Federal Center
Denver 25, Colorado

Re: Docket No. DMEA 2957 (Tungsten)
Contract No. Idm-E632
Carl Hovgard
(Williams or Wothree mine)
Mohave County, Arizona

Dear Mr. Townsend:

Reference is made to your letter of February 3, 1960 regarding the abandonment of the above mine by Mr. Carl Hovgard.

Enclosed please find copy of a Notice of Abandonment which we obtained from the County Clerk of Mohave County, Arizona. Mr. Hovgard and I owned 100% of the mine at the time of abandonment. Joseph B. Rice, Jr., F. Leroy Foster, and George B. Blonsky had only contingent interests which were tied to the interests of Hovgard and FitzGerald. Any abandonment by Hovgard and FitzGerald automatically wiped out the contingent interests of the other three people.

You asked if we were Mr. Hovgard's agent in the Wothree mine venture. The facts are that Mr. Hovgard and I jointly employed Mr. George B. Blonsky as our agent and manager with full authority to file all necessary papers in connection with all business matters, which according to our understanding were fully and completely terminated when he filed the legal papers covering the abandonment. Since that date our part in this venture has been limited to receiving mail re-directed from Kingman, Arizona.

We hope this Notice of Abandonment will enable you to close your file on this contract.

Yours very truly,

NDF/gf

cc: Mr. C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration
Washington 25, D. C.

PEGGY B. SMITH
RECORDER

ANNIE J. KAUSE
CHIEF DEPUTY

OFFICE OF THE

RECORDER

OF MOHAVE COUNTY

KINGMAN, ARIZONA

OME
DEPARTMENT OF THE INTERIOR
FEB 8 1960
REGION III
DENVER, COLORADO

February 5, 1960

J. W. Townsend
Executive Officer, IME
Field Team, Region III
Office of Minerals Exploration
Building 20- Federal Center
Denver 25, Colorado

Re: Docket No. DMEA 2957
COntract No. Idm-E632

Dear Mr. Townsend:

The Claims Tungsten No. 1 through 10, were abandoned in 1956 by the Worthree Mining Company. They were relocated in 1958 by Tony Melles and R. J. Miller, Box 1287, Kingman, Arizona.

Yours very truly,

Peggy B. Smith

Peggy B. Smith
Mohave County Recorder

EXTRA COPY O. M. E RECEIVED FEB 8 1960		
DATE	INITIALS	CODE
		500

Building 20 - Federal Center
Denver 25, Colorado
February 3, 1960

Mr. Norman Fitzgerald
1141 Butternut Road
Abilene, Texas

Re: Docket No. DMRA 2957 (Tungsten)
Contract No. 14m-E632
Carl Hovgard
(Williams or Wothree mine)
Mohave County, Arizona

Dear Mr. Fitzgerald:

Reference is made to Carl Hovgard's letter (signed by Leland G. Kelly) to Mr. G. O. Mittendorf, Administrator, Defense Minerals Exploration Administration, Washington 25, D. C., dated August 31, 1956, and to the attached form letter to Mr. Carl Hovgard, dated January 25, 1960. The latter letter, which you returned with answers to its questionnaire, is your file copy.

Please furnish this office with a copy of the Quit Claim agreement by which your contractural lien on the property was relinquished. In event the other co-owners, Joseph E. Rice, Jr., F. Leroy Foster, and George E. Klonkey, relinquished their liens, Quit Claims covering the agreements also are to be supplied.

Are we right in assuming that Mr. Carl Hovgard retained ownership of the property when the mine was abandoned? If so, does he still own the property, and is he aware of his obligation to notify this office of any changes in ownership or production rights that have any effect on the Government's right to its percentage royalty?

Our letter to Mr. Hovgard was answered by you. Are you his designated representative?

Very truly yours,

Original signed by

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

TMR:ltm

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

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

January 25, 1960

EXTRA COPY
OME
RECEIVED FEB 8 1960
DATE | INITIALS | CODE
REGIC
DENVER, COLORADO

Mr. Carl Hovgard
1141 Butternut Road
Abilene, Texas

Re: Docket No. DMEA 2957 (Tungsten)
Contract No. Idm-2632
(Williams or Wothree mine)
Mohave County, Arizona

Dear Mr. Hovgard:

In reference to the "Certification by the United States of America of a Discovery or Development under an exploration Project Contract" and the instructions in the Washington Office letter of transmittal of the Certification on the captioned project, please indicate your answer to the following questions and return one copy of the questionnaire immediately to this office.

Very truly yours,

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

1. Has the property been sub-leased or any change made in ownership other than this office has been notified? Yes ___ No X. If yes, please furnish details of the transaction on a separate sheet and include a true or signed copy of any instrument that was executed in conjunction with the matter.

2. Has there been production from the land subordinated under the referenced contract since January 1, 1959? Yes ___ No X. If yes, and shipments made, who was the purchaser? _____

3. Is any of the following material stockpiled? Yes ___ No X.

(a) Ore, Tons _____ Estimated grade _____
(b) Concentrates, lbs. _____ Estimated grade _____
(c) Low grade ore, tons _____ Estimated grade _____
Place stockpiled _____

Signed Norman D. FitzGerald
Norman D. FitzGerald

Title Former Co-owner
Date January 28, 1960

PROPERTY QUIT-CLAIMED ABOUT FOUR YEARS AGO

E-632

For Certificate of Deposit No. 104, dated March 16, 1956, giving royalty repayment of $202.54, see E-53.

TRIPLICATE

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

[redacted]S DEPOSIT IS NOT SUBJECT TO [redacted]ECK

For credit of 443 Treasury Regional Office, Denver, Colo. 10/27/55
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

DEPOSIT NO. 14-23-040-50

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

$ 221.03

for accounts listed below. SCHEDULE Nos.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		221.03

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

Defense Minerals Exploration
Administration
224 New Customhouse
Denver 2, Colorado

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

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

[illegible] (Authorized signature)

OCT 27 1955
(Date of credit in Treasurer's account)

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

16—59686b-1 GPO

E632 Carl Hovgard 221.03

DENVER, COLO.
1955 OCT 27 PM 12 51
MAIL DEPT.

REPORT OF
ROYALTY REVIEW

DEFENSE MINERALS EXPLORATION ADMINISTRATION

CONTRACT ADMINISTRATION AND AUDIT DIVISION

RECEIVED

SEP - 1 1955

REPORT OF ROYALTY REVIEW

I have reviewed all copies of settlement sheets on file with the Executive Officer, DMEA Field Team, Region III, applicable to royalties collected on the sales of 5.3772 dry tons of Wolframite Concentrates during the period October 30, 1953 to May 17, 1955 by

Carl Hovgard
1141 Butternut St.
Abilene, Texas

produced from the Wothree Mine, (P. O. Box 47, Kingman, Arizona) located in Mohave County, Arizona, under the terms of Contract Idm -E632, Docket No. DMEA-2957.

My analysis included review of the periodic reports of on-site examinations by the Inspecting Engineer and also "Check Sheet of Examining Engineer."

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

1. The production involved was incidental to the exploration operations.

2. The five small shipments were reconciled with those reported by the Inspecting Engineer.

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

The examination established the total sales of Wolframite Concentrates for this period to be $21,264.17. Royalty due the United States Government at the contract rate of 5% is $1,063.21. The royalty paid and balance due are as follows:

Total Royalties Due	$1,063.21
Total Royalties Paid	1,063.21
Balance of Royalties Due	0.00

August 25, 1955

Donald T. Finch

Donald T. Finch, Auditor

Check Sheet of Examining Engineer

RECEIVED
SEP - 8 1955

Operator's Name Carl Hovgard (Wothree Mines)

Address P. O. Box 47

Kingman, Arizona

Exploration Contract No. E-632 Docket No. DMEA 2957

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

8. Comment on any item 2 (b) to 6 if answer is No.

3 (a) As far as known, there are no mine or mill rejects of potential value

T Romb
Mining Engineer

Date Aug. 21, 1955

82448

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

SEP - 9 1955

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

Re: Report of Royalty Review
Idm-E632, DMEA-2957
Carl Hovgard

Dear Don:

Thanks for your letter of September 6, 1955, relative to the referenced Report of Royalty Review.

If I had waited a few days before writing my letter of September 2, 1955, the misunderstanding on my part would have been cleared. Both the monthly work load report and this Division's copy (Government copy) of Amendment No. 4 were received subsequent to the date of my letter.

I would have still questioned, however, the reason for the date of May 17, 1955, since the Report is dated August 25, 1955. However, your letter leads me to believe that May 17, 1955 was the date of the Examining Engineer's last inspection.

Sincerely yours,

(Signed) E. D. Talbert

~~(Signed) L. L. Chambers~~

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

EDTalbert/wb
September 8, 1955

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

RECEIVED

224 New Customhouse
Denver 2, Colorado

September 6, 1955

Mr. E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Report of Royalty Review
Carl Hovgard
Contract Idm-E632
Docket No. DMEA 2957

Dear Mr. Talbert:

Your letter requesting two copies of Check Sheet of Examining Engineer is acknowledged. The requested sheets are enclosed, and we are amending our instructions to show that these check sheets should accompany Reports of Royalty Review as well as Royalty Audit Reports.

Relative to the third paragraph of your letter concerning period covered, I am afraid I do not fully understand your instructions, in view of the provisions of Amendment No. 4 to the Exploration Contract which extends the life of the Exploration Contract to October 30, 1955.

At the time the Report of Royalty Review was made it was known that Amendment No. 4 was in process, and it was felt that before extending the period of review beyond May 17, 1955, there should be a report of field inspection from the Examining Engineer at a later date to determine if there had been any additional production. In this connection please see the monthly report for August which withdraws a scheduled Final Report of Review on this contract. Had the contract not been extended, the dates on the Report of Royalty Review would have been synchronized with the final date on the Report of Review.

Sincerely yours,

Donald T. Finch

Donald T. Finch, Auditor.

Encls.

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

SEP - 2 1955

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

Re: Report of Royalty Review
Idm-E632, DMEA-2957
Carl Hovgard

Dear Mr. Finch:

Receipt is acknowledged of your Report of Royalty Review covering the subject Exploration Project Contract.

This Report of Royalty Review is acceptable and normal distribution is authorized. Distribution of the Washington copies, however, is being held in abeyance pending submission of two copies of the Check Sheet of Examining Engineer.

For your future guidance in the preparation of Reports of Royalty Reviews it is suggested that the period covered include the latest practical date. This Report, which covers only production incidental to the exploration work, indicates the period as ending May 17, 1955. Since by Amendment No. 3 the contract was "automatically" terminated on June 30, 1955, it appears that your Report should have covered, at the least, a period ending on that date.

Also for your future guidance it is suggested that, instead of the second reason given by you for the review, that a more "positive" statement such as the following be used:

> "The examining Engineer is of the opinion that all sales of production during the period indicated have been properly accounted for."

Sincerely yours,

(Signed) E. D. Talbert

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

EDTalbert/wb
September 2, 1955

Copy to: Docket
Admr. Reading File
Mr. Chambers
Mr. Fisher
Mr. Brading
Mr. Mavor
Mr. Turner

For Certificate of Deposit No. 128A, dated June 21, 1955, giving royalty repayment of $325.90, see E-532.

For Certificate of Deposit No. 28, dated September 15, 1954, giving royalty repayment of $290.24, see E-4.

QUADRUPLICATE

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

CERTIFICATE OF DEPOSIT FOR CHECKING ACCOUNT

DEPOSIT NO.
14-25-040-11

Deposited with The Federal Reserve Bank of Kansas City (Name and location of depositary) July 29, 1954 (Date sent) Denver, Colorado

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

$447.07

SYMBOL NO.
418

C. E. EVANS, 565 New Customhouse, Denver 2, Colorado
(Name and address of officer to be credited)

On account of—

14X4401

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

Defense Minerals Exploration
Administration
224 New Customhouse
Denver 2, Colorado

Received in Accounts of C. E. Evans, RDO Denver, Colo. JUL 30 1954 COLL. BY

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

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

(Authorized signature)

JUL 29 1954
(Date of credit in Treasurer's account)

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

REPORT
OF REVIEW

6/K JLC

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

RECEIVED
DEC 19 1955

Carl Hayward
1141 Butternut Street
Abilene, Texas

pertaining to Exploration Project Contract No. Idm-E632, Docket No. DMEA-2957, including Amendments Nos. 1 through 4, for the months of December, 1953 to October, 1955, inclusive, covering a project for the exploration of Tungsten on property known as Wothree Mine, located in Mohave County, 72 miles southeast of Kingman, Arizona.

My review included an examination of the Monthly Reports (Form MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer, DMEA Field Team, Region III, 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 reasons:

1. All of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

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

Total cost as billed by contractor		$31,275.00
Exceptions:		
By DMEA Finance Officer	$0.00	
Herewith	0.00	0.00
Total Accepted Cost		$31,275.00

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Twenty-three thousand, four hundred fifty-six, and 25/100ths Dollars

** $23,456.25 **

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

Donald T. Finch
Donald T. Finch, Auditor

December 14, 1955

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

FINAL DISTRIBUTION
MADE APR 2 1956

224 New Customhouse
Denver 2, Colorado

March 21, 1956

RECEIVED
APR 4

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2957 (Tungsten), Contract Idm-E632, Carl Hovgard (Williams Tungsten Mine) Mohave County, Arizona
FINAL PAYMENT

Reference is made to our memorandum of November 28, 1955 whereby we transmitted the final Form MF-104, Operator's Monthly Report and Voucher, for the month of October, 1955 and requested that you withhold the amount of $250.00 pending receipt of the Operator's final report and release of the Report of Review of contract expenditures by the Contract Administration and Audit Division.

The Operator's final report has been received, therefore we recommend that payment to the Operator be made on the following basis which is in conformance with the Report of Review by the Contract Administration and Audit Division dated December 14, 1955 which was released to this office December 16, 1955.

250.00
3/28/56 [illegible]

Basis for Final Payment

Total accepted cost	$31,275.00
Government participation at 75 percent	23,456.25
Total prior payments	23,206.25
Balance due the Operator	$ 250.00

W. M. TRAVER

W. M. Traver

JDC:jy
cc: MF-104 File E632
Sec. Op. Comm. (2)
Storms
Townsend Chron.

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

Budget Bureau No. 42-R1036.5

RECEIVED
DEC 19 1955

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

Month of October, 1955 Docket No. DMEA2957 Contract No. Idm-E632
Operator's Name Carl Howard, dba Nothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona.
Contract Amount, $33,000.00 Government Participation: 75 % Amount, $24,750.00

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	$1200.00	$1860.00	$3060.00			
Drifting	----	23415.00	23415.00			
Raising	----	1800.00	1800.00			
Sinking	----	3000.00	3000.00			
(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	$1200.00	$30,075.00	$31,275.00	1200.00	30,075.00	31,275.00

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

Date Oct. 22, 55 *Payee CARL HOWARD, dba Nothree Mines

Per George B. Blowey Title General Manager.

*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:

$ 650.00

Signature RRC
(Authorized Certifying Officer)

Date 12-14-55 Vou. No. DMA-56-48

(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. Ich-E632 in accordance with the terms of the contract.

Signature D M Komsto WM Title Mining Engineer Date 11/22/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature for W.M. Towner Title Executive Officer Date NOV 28 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
DEC 19 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1955 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name Carl Hovgard, dba Wothree Mines Minerals Tungsten
Address P.O.Box 47, Kingman, Arizona.

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	---	---	$23,415.00	780.5	$30.00	780.5	$30.00
Crosscutting & driftg.	feet	$1200.00	40	3,060.00	102.	$30.00	159.5	$30.00
Raising	feet	---	--	1,800.00	60	$30.00	60	$30.00
Shafts								
Winzes	feet	---	--	3,000.00	50	$60.00	50	$60.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1200.00	40	$31,275.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1200.00	40	$31,275.00				$53,000.00

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 Oct. 22,55 Operator Carl Hovgard dba Wothree Mines

Per George B. Blanky Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

I M Kessler

INSTRUCTIONS

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

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

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

GPO 872894

U. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

RECEIVED
DEC 19 1955

Administrative Audit Difference Statement

Date: _____
Payee's Reference: Dec. 19, 1955
Oct. 1955

Carl Gaspard
[illegible]
Anaconda, Montana

Dear Sir:

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

Amount Claimed $ _____

Difference $ 1,200.00

Amount Approved $ 0
1,200.00

The reason for the difference was due to:

- $200.00 [illegible] [illegible] of [illegible] and [illegible] of Review by the Contract Administrator and Audit Division.

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

Very sincerely yours,

N.E.Stokes
Audit Section

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

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

RECEIVED
DEC 19 1955

224 New Customhouse
Denver 2, Colorado

November 28, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 2957, (Tungsten) Contract Idm-E632, Carl Hovgard, Williams Tungsten Mine (Wothree Mines) Mohave, County, Arizona - Operator's Monthly Progress Report for the period October, 1955

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore, we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report, except for the following deduction:

Withhold an amount of $250.00 pending receipt of the Operator's Final Report, and release of the Final on-site Audit or Report of Review by the Contract Administration and Audit Division, DMEA

Remarks

Date of Report- - - - - - - - - - - - - - - -October 22, 1955
Date Received in Field Office- - - - - - - - November 18, 1955
Date Received in Region Office- - - - - - - November 25, 1955

JDC:jy
cc: MF-104 File E632
Sec. Op. Comm. (2)
Storms
Townsend w/copy engr's report
Chron.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

RECEIVED
DEC 10 1955

Box 4097
Tucson 5, Arizona

November 23, 1955

Memorandum

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

From : Superintendent, Southwest Experiment Station

Subject : October 1955 Progress Report, DMEA Contract Idm-2633, Docket DMEA-2957, Carl Hougard's Williams Tungsten Mine (Wetherec Mines), Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;
(2) Operator's narrative report; with map;
(3) Forms MF-104 and MF-104A.

Also enclosed are extra copies of our engineer's report.

All work is in accordance with terms of the contract. The usual sum should be withheld until the operator's final report has been received. The Government's share of the remaining costs may be paid.

Walter R. Storms

Walter R. Storms

CC W. M. Traver (8)
DMEA-2957
BF

WRStorms:frj

RECEIVED
DEC 19 1955

Box 4097
Tucson 5, Ariz.

November 23, 1955

Memorandum

To : W. R. Storms, Superintendent, Southwest Experiment Station, Region III

From : T. M. Romslo, Mining Engineer, Tucson, Ariz.

Subject : Progress Report for October 1955, Docket DMEA-2057, Contract Idm-2612, Carl Hovgard's Williams Tungsten Mine (Wotkrew Mines), Mohave County, Ariz.

On October 18, 1955 I visited the Williams mine and inspected pertinent mine workings in the presence of George B. Blemsky, General Manager for Wotkrew Mines. I found that work under the contract, during September and October 1955, was confined to the extension of the Old Timers crosscut on the 200 level. The crosscut had been advanced from 115.0 feet to 217.0 feet from the main drift. Of the 102.0 feet of advance, 62.0 feet reportedly was driven during September and the remaining 40.0 feet was completed early in October.

The 102 feet of crosscutting was completed and an 8-foot hole was drilled into the face without encountering any indication of a second vein zone. Rock penetrated consisted mainly of granite and a few narrow dikes.

J. N. Fairch, geologist, U. S. Geological Survey, mapped the crosscut October 25, 1955. Results of the mapping indicated that further search for a possible second vein zone is not justified.

The mine was shut down upon completion of the crosscut. At present one man is employed to assist Blemsky in preparing all equipment and supplies for sale.

Royalty payments appear to have been made on all production except for a small amount of concentrates which may be produced from about 60 tons of ore remaining in mine and mill bins. Blemsky says he will attempt to mill this ore before he abandons the property.

CC W. M. Traver (Orig. & 8)
DMEA-2057
DF

TMRomslo:frj

Analysis of Operator's Report

Form MF-104

The sole cost incurred during October is the $1,200.00 for 40 feet of authorized crosscutting at $30.00 a foot.

All totals appear to be correct.

Form MF-104A

The form has been completed in a proper manner.

Narrative Report

The Operator's Narrative Report with attached map is considered adequate.

Recommendation

As the $350.00 withheld from the Operator's January 1955 MF-104 voucher apparently has been reinstated, I recommend that a similar amount of the Government's share of costs for October be withheld pending receipt of the Operator's Final Report.

T. M. Rongle
Mining Engineer
Southwest Experiment Station

RECEIVED
DEC 19 1955

October 22, 1955.

NARRATIVE REPORT FOR THE MONTH OF OCTOBER, 1955

on work done on

U. S. BUREAU OF MINES
SOUTHWEST EXPERIMENT STATION
NOV 18 1955
TUCSON, ARIZONA

Contract Idm- E632
Docket DMEA- 2957
Williams Tungsten Mine
Mohave County, Arizona.

During the month of October 1955 all work done on the above contract was carried out on the extension to the northeast of the Oldtimers' Crosscut on 200 level west of the collar of the winze. The work progressed for 40' from a point 177' from the DMEA reference point at the southend of the Oldtimers' crosscut to a point 217' from the above reference point, generally in a northeasterly direction. As no indication of the upper vein sought was uncovered and no further expectation remains to encounter the vein by additional work in same direction, this operation was stopped and it was decided to bring the above contract to an end at this point.

Except for a small spot of pegmatite exposed near the final face of the crosscut, all October progress was made through dark blueish-grey granite, cut by a number of minor faults and joints, causing local stretches of soft ground. Apparently the upper vein, though showing strongly in surface outcrop up the dip above our crosscut, did not extend to the level explored by our working.

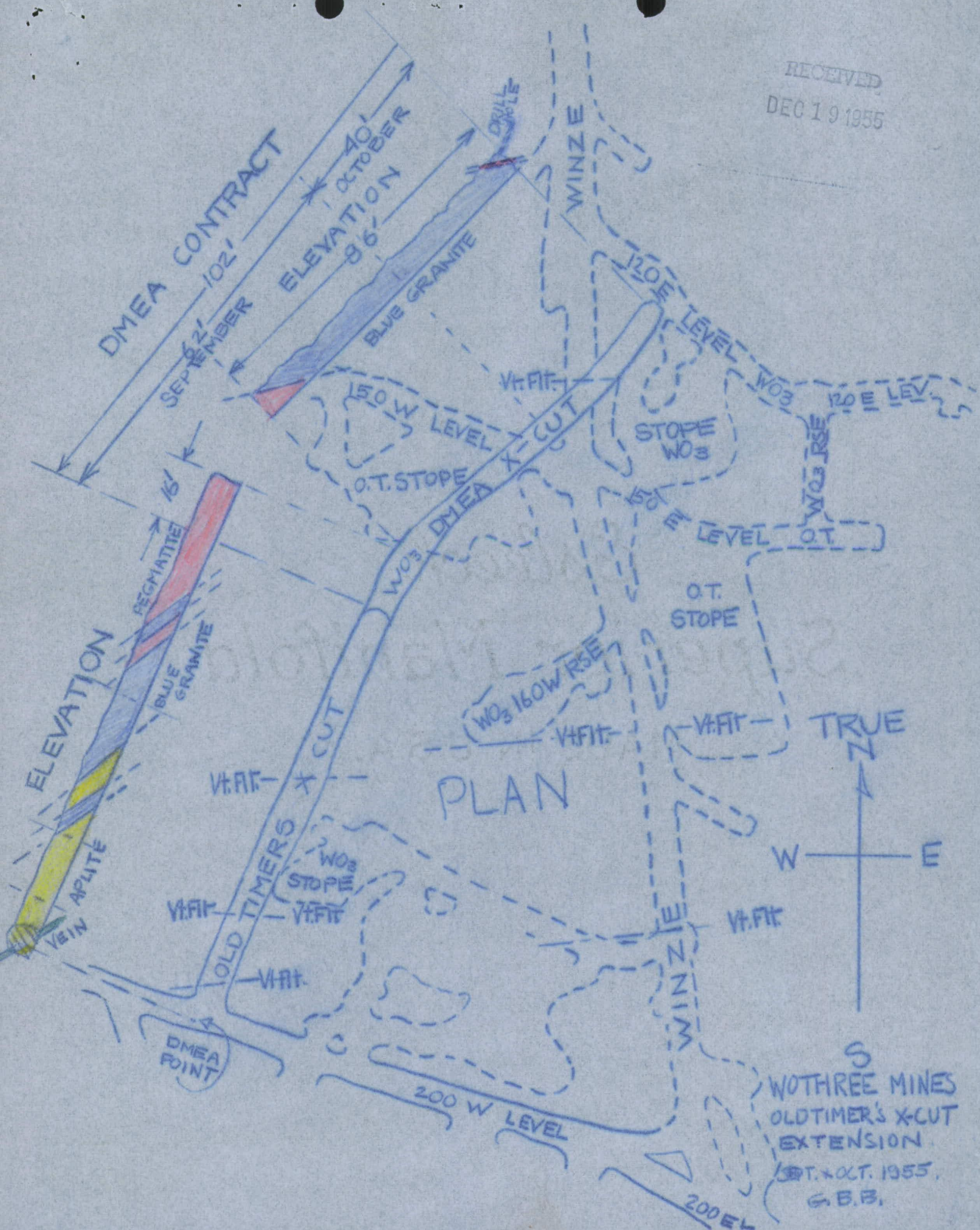
The above described crosscutting is the last and final work Wothree Mines will do on this property and contract. The only remaining thing for us to do is to submit a final overall report on our exploratory work on Contract Idm-E632, which we shall do in the course of the next couple of weeks.

For: CARL HOVGARD, dba Wothree Mines

George B. Blonsky

George B. Blonsky
General Manager.

RECEIVED
DEC 19 1955



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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
NOV 18 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1955 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name Carl Hovgard, Dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $ 33,000.00 Government Participation: 75 % Amount, $24,750.00

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	$1860.00	----	$ 1,860.00			
Drifting	----	$23,415.00	$23,415.00			
Raising	----	1,800.00	1,800.00			
(2) Labor and Supervision: Sinking	----	3,000.00	3,000.00			
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	$1860.00	$28,215.00	$30,075.00	1860.00	28,215.00	30,075.00

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

Date Oct. 10, 55 *Payee CARL HOVGARD, dba Wothree Mines

Per George B. Blounty Title General Manager

*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:

$ 1645.00

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 11-15-55 Vou. No. DMA-56-43

(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-E 632 in accordance with the terms of the contract.

Signature D.W. Tomsett Title Mining Engineer Date Oct 21, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: FORS by LHS

Signature for Wm Warner Title Executive Officer Date NOV 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
NOV 18 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1955 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name Carl Hovgard, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona.

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	---	---	$23,415.00	780.5	$30.00	780.5	$30.00
Crosscutting	& driftg. feet	$1860.00	62	1,860.00	62	$30.00	159.5	$30.00
Raising		----	--	1,800.00	60	$30.00	60	$30.00
Shafts								
Winzes		-------	--	3,000.00	50	$60.00	50	$60.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1860.00	62	$30,075.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1860.00	62	$30,075.00				$33,000.00

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.

REMARKS:

Date Oct. 10, 55 Operator Carl Hovgard dba Wothree Mines

Per George B. Blosty Title General Manager.

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)

T W Monsb

INSTRUCTIONS

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

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

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

GPO 872894

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

RECEIVED NOV 18

224 New Customhouse
Denver 2, Colorado

November 1, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 2957, (Tungsten) Contract Idm-E632, Carl Hovgard, Williams Tungsten Mine (Wethree Mines), Mohave County, Arizona - Operator's Monthly Progress Report, for the period September, 1955

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore, we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Reinstate the amount of $250.00 which was withheld from the Operator's January 1955 MF-104 Voucher, as the project work has been resumed.

Remarks

Date of Report- - - - - - - - - - - - - - - - - October 10, 1955
Date Received in Field Office- - - - - - - - October 11, 1955
Date Received in Region Office- - - - - - - October 31, 1955

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures
JDC:jy
cc: MF-104 File E632
Sec. Op. Comm. (2)
Storms Chron.

RECEIVED
NOV 18 1955

Box 4097
Tucson 5, Arizona

October 28, 1955

Memorandum

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

From : T. M. Romalo for Superintendent, Southwest Experiment Station, Region III

Subject : September 1955 Progress Report, DMEA Contract, Idm-E632, Docket DMEA-2957, Carl Hovgard's Williams Tungsten Mine, (Wothrea Mines), Mohave County, Ariz.

Enclosed in quintuplicate are the following:

1. Bureau of Mines engineer's report;

2. Operator's narrative report with map;

3. Forms MF-104 and MF-104A.

Also enclosed are 4 extra copies of our engineer's report.

As all work was in accordance with the terms of the contract, I recommend that the Government's share of the costs be paid.

T. M. Romalo, Mining Engineer
for Walter R. Storms
Superintendent
Southwest Experiment Station

CC W. M. Traver (8)
DMEA-2957
DF

LAStewart:frj

RECEIVED
NOV 18 1955

Box 4097
Tucson 5, Arizona

October 28, 1955

Memorandum

To : Walter R. Storms, Superintendent, Southwest Experiment Station, Region III

From : T. M. Romalo, Mining Engineer, Tucson, Arizona.

Subject : Progress Report for September 1955, Docket DMEA-2957, Contract Idm-E632, Carl Hovgard's Williams Tungsten Mine (Wothree Mines), Mohave County, Ariz.

On October 18, 1955 I visited the Williams mine and inspected pertinent mine workings in the presence of George B. Blensky, General Manager for Wothree Mines. I found that work under the contract, during September and October 1955, was confined to the extension of the Old Timers crosscut on the 200 level. The crosscut had been advanced from 115.0 feet to 217.0 feet from the main drift. Of the 102.0 feet of advance, 62.0 feet reportedly was driven during September and the remaining 40.0 feet was completed early in October.

The 102 feet of crosscutting was completed and an 8-foot hole was drilled into the face without encountering any indication of a second vein zone. Rock penetrated consisted mainly of granite and a few narrow dikes.

J. N. Faick, geologist, U. S. Geological Survey, mapped the crosscut October 25, 1955. Results of the mapping indicated that further search for a possible second vein zone is not justified.

The mine was shut down upon completion of the crosscut. At present one man is employed to assist blensky in preparing all equipment and supplies for sale.

Royalty payments appear to have been made on all production except for a small amount of concentrates which may be produced from about 60 tons of ore remaining in mine and mill bins. Blensky says he will attempt to mill this ore before he abandons the property.

CC WMTraver (Orig. & 8)
DMEA-2957
DF

TMRomalo:frj

Form MF-104 and 104A and Operator's Narrative Report

Form MF-104, the cost of $1,860.00 represents the 62.0 feet of authorized advance at $30.00 per foot. Consequently, I recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104. I also recommended that the $250.00 deducted from the Operator's January voucher be withheld pending receipt of the Operator's final voucher for work performed in October and his Final Geologic and Engineering Report.

Form MF-104A - The report has been completed in an acceptable manner.

Narrative Report - The report with attached map is considered adequate.

T. M. Romale
Mining Engineer
Southwest Experiment Station

RECEIVED
NOV 18 1955

October 10, 1955.

NARRATIVE REPORT FOR THE MONTH OF SEPTEMBER, 1955

on work done on

Contract Idm-E632
Docket DMEA-2957
Williams Tungsten Mine
Mohave County, Arizona.

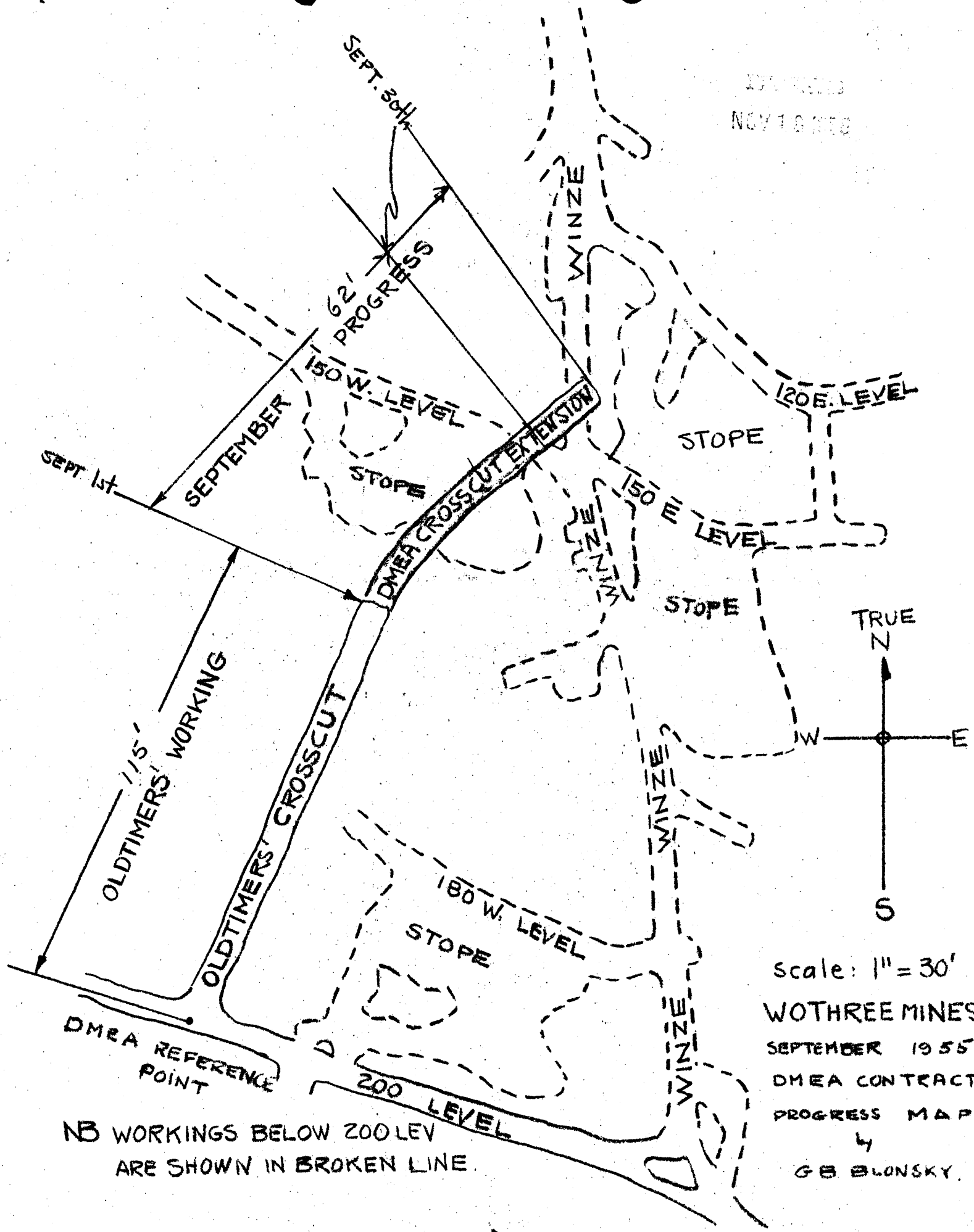
During the month of September 1955 all work done on the above contract was carried out in the extension to the northeast of the Oldtimers' crosscut on 200 level west of the collar of the winze. The work was started at a point in the face of the oldtimers' crosscut 115 feet to the northeast of the reference point, established by the DMEA team in a cap at the intersection of the 200 level drift and the Oldtimers' crosscut. The work was carried to a point 177 feet from the above mentioned starting point,- total advance being 62'. At first a gentle curve was followed, until a general direction of N-50°-E was reached and followed.

First 25' of the crosscut were in pegmatite, which was replaced by dark blueish-grey granite further northeast. Several minor faults and joints were encountered and some of the granite was badly weathered, causing trouble in drilling through too soft material.

For: CARL ROVGARD, dba Wothree Mines

George B. Blonsky

George B. Blonsky
General Manager.


SEPT. 30th
62' PROGRESS
SEPTEMBER
SEPT 1st
115'
OLDTIMERS' WORKING
OLDTIMERS' CROSSCUT
DMEA CROSSCUT EXTENSION
150 W. LEVEL
STOPE
WINZE
120 E. LEVEL
STOPE
150 E LEVEL
STOPE
TRUE N
W
E
S
180 W. LEVEL
STOPE
DMEA REFERENCE POINT
200 LEVEL
NB WORKINGS BELOW 200 LEV ARE SHOWN IN BROKEN LINE.
Scale: 1" = 30'
WOTHREE MINES
SEPTEMBER 1955
DMEA CONTRACT
PROGRESS MAP
by
G B BLONSKY.

MF-104 (Rev.)
(April 1952)

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

Budget Bureau No. 42-R1036.5

RECEIVED MAR 1 8 1955

Month of January, 1955 Docket No. DMEA 2037 Contract No. 30[illegible]-1032
Operator's Name [illegible], dba Cottonwood Mines Minerals Tungsten
Address P.O. Box 47, Tucson, Arizona.
Contract Amount, $30,000.00 Government Participation: 75% Amount, $24,750.00

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	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	[illegible]	[illegible]			
(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	[illegible]	[illegible]	[illegible]	*1290.00	26,925.00	28,215.00

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

Date Feb. 15, 1955 *Payee [illegible], dba Cottonwood Mines

Per George B. Blowley Title [illegible]

*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:

$ 717.50

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 3-9-55 Vou. No. DMA-55-68
(See other side)

* $250.00 withheld

(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. Idaho-632 in accordance with the terms of the contract.

Signature T. M. Romolo WAB Title Mining Engineer Date Feb. 24, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Maney Title Executive Officer Date MAR 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 5 1955 Docket No. DMEA 2057 Contract No. Idm-1632
Operator's Name CARL HOVGARD, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona.

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	$1290.00	43	$26,415.00	780.5	$30.00	875	$30.00
Crosscutting								
Raising	feet	------	----	1,800.00	60	$30.00	125	$30.00
Shafts								
Winzes	feet	------	----	3,000.00	50	$60.00	50	$60.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1290.00	43	$28,215.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1290.00	43	$28,215.00				$33,000.00

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 Febr.15, 1955 Operator CARL HOVGARD dba Wothree Mines.

Per G. B. Blouky Title General Manager.

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1955

Administrative Audit Difference Statement

Date: March 9, 1955
Payee's
Reference: January 1955

Carl Holgard
1141 Butternut Street
Abilene, Texas

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

Amount Claimed $ 1,290.00

Difference $

Amount Approved * $ 967.50

The reason for the difference was due to:

* $250.00 has been withheld from this payment pending resolution of matters relative to resumption or termination of work.

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

Very sincerely yours,

N. E. Stokes
Audit Section

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

224 New Customhouse
Denver 2, Colorado

March 1, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-B632, Carl Hovgard's Williams Tungsten Mine (Wothree Mines) Mohave County, Arizona - Operator's Monthly Progress Report for the month of January, 1955

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

An amount of $250.00 is to be withheld from the payment due the operator pending resolution of matters relative to resumption or termination of work.

Remarks:

Date of Report.....February 15, 1955
Date Received in Field Office.....February 21, 1955
Date Received in Region Office.....February 28, 1955

W. M. TRAVER

W. M. Traver

Enclosures

RDB:pw

cc: Subject
Chron
Sec.Op.Comm. (2)
Townsend
Storms

DMEA
Date Rec'd.

FEB 23 1955

February 24, 1955
Denver, Colorado

Memorandum

To : W. M. Trower, Executive Officer, DMEA Field Team, Region III

From : Superintendent, Southwest Exp. Station, Region III

Subject : January 1955 Program Report, DMEA Contract Nbr-2532, Docket DMEA-2007, Carl Hoegard's Williams Tungsten Mine (Mathews Mines), Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;
(2) Operator's narrative report with map;
(3) Forms MF-104 and MF-104A.

Also enclosed are 4 extra copies of our engineer's report.

All work was done in accordance with terms of the contract and its amendments. However, as there is a possibility that the operator will ask to have the contract terminated and as no work has been done under the contract since January, I recommend that the Government's share of the January costs be withheld until a final report has been submitted and all royalty payments are up to date.

Walter R. Storms

Walter R. Storms

CC W. M. Trower (2)
DMEA-2007
MF

WRStorms:fr

February 24, 1955

Memorandum

To : Walter R. Storms, Superintendent, Southwest Experiment Station, Region III

From : T. M. Romslo, Mining Engineer, Region III

Subject : Progress Report for January 1955, Docket DMEA-2957, Contract Dm-2532, Carl Howard's Williams Tungsten Mine (Wothree Mines), Mohave County, Ariz.

The Williams Tungsten mine was visited February 7 to 10, 1955 for the purpose of measuring advance for the months of December and January and to obtain data for recommendations regarding a proposed extension and amendment of the contract. Measurements were taken February 9 with Mr. Blonsky, General Manager. The remainder of the period, except for the 8th when I visited the Fountain Head mine of terminated project DMEA-1801X, was spent with J. N. Faick, U. S. Geological Survey, on work connected with the proposed extension and amendment. Bad roads, caused by a heavy snow storm made an earlier visit to the mine inexpedient.

Work authorized by the contract and performed during December and January was confined to extending the 150 west drift. Work in this drift had been stopped by Blonsky on January 23 because little ore mineralization had been encountered in the last 100 feet of drift. The face of the drift was at 447 feet from the center of the main winze. At the end of May, when last measured, the face was at 315 feet from the reference point. According to Blonsky, 89 of the 132 feet of advance was accomplished during December and the remaining 43 feet was completed in January. A sample (No. 12773) was cut at 320 feet from the winze in the only significant mineralized zone penetrated by the 132 feet of drifting. It had not been assayed at this writing.

Milling of ore from the winze from "O" level stopped December 23 with the freezing of water pipes, had not been resumed. Sixteen of the 22 tons of ore recovered from the winze had been milled. The grade of the ore, based on concentrates produced, was placed at 0.75 percent WO_3 by Blonsky. On January 28, mining was started in the ore zone above the winze that had been explored

CC W. M. Traver (Orig. & 8)
DMEA-2957
BF

TMRomslo:frj

under the contract by a 10-foot raise. The minable portion of the ore zone yielded about 30 tons of ore to February 7 when operations were transferred to stoping of ore to the east of the main winze above the 150 level. Milling of ore will be resumed by zone of the 6-zone mining over then about 100 tons is available.

The fourth lot of concentrates, mentioned in the previous monthly report, was not shipped because assays of the coarse and fine concentrates averaged less than 50 percent WO_3. The grade of the concentrates, up-graded to about 55 percent by roasting and magnetic separation, will be raised to plus 60 percent by additional similar treatment. Up-grading has lowered the weight of the concentrates from plus 1 ton to about 1,500 pounds. A minimum lot of 1 ton should be available for shipment shortly after milling is resumed.

The status of the contract as of January 31, 1955 is as follows:

		Remaining	Total
Drifting @ $[illegible]/ft.	———	$1,[illegible]	$[illegible]
Raising @ $[illegible]/ft.	———	—	1,[illegible]
Winze @ $[illegible]/ft.	———	—	1,[illegible]
Total	———	$1,[illegible]	$[illegible]
Government's share	———	967.50	1,161.35

The operator presented forms MP-104 and 104-A on which he claimed reimbursement for the Government's share of the cost of driving the 41 feet of patherized drift. His narrative report with attached plan of the 150 west drift is considered adequate. No samples were taken by the operator during December and January because possible ore zones were limited to a few widely separated pods. As work under the contract may not be resumed for reasons given in my memorandum of February 15, 1955, I recommend that the Government's reimbursement for work performed in January be $967.50 less sufficient funds to cover the cost of lightkeeping the contract.

T. M. Romslo

T. M. ROMSLO
Mining Engineer
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 16 1955

February 15, 1955.

MONTHLY REPORT FOR THE MONTH OF JANUARY, 1955

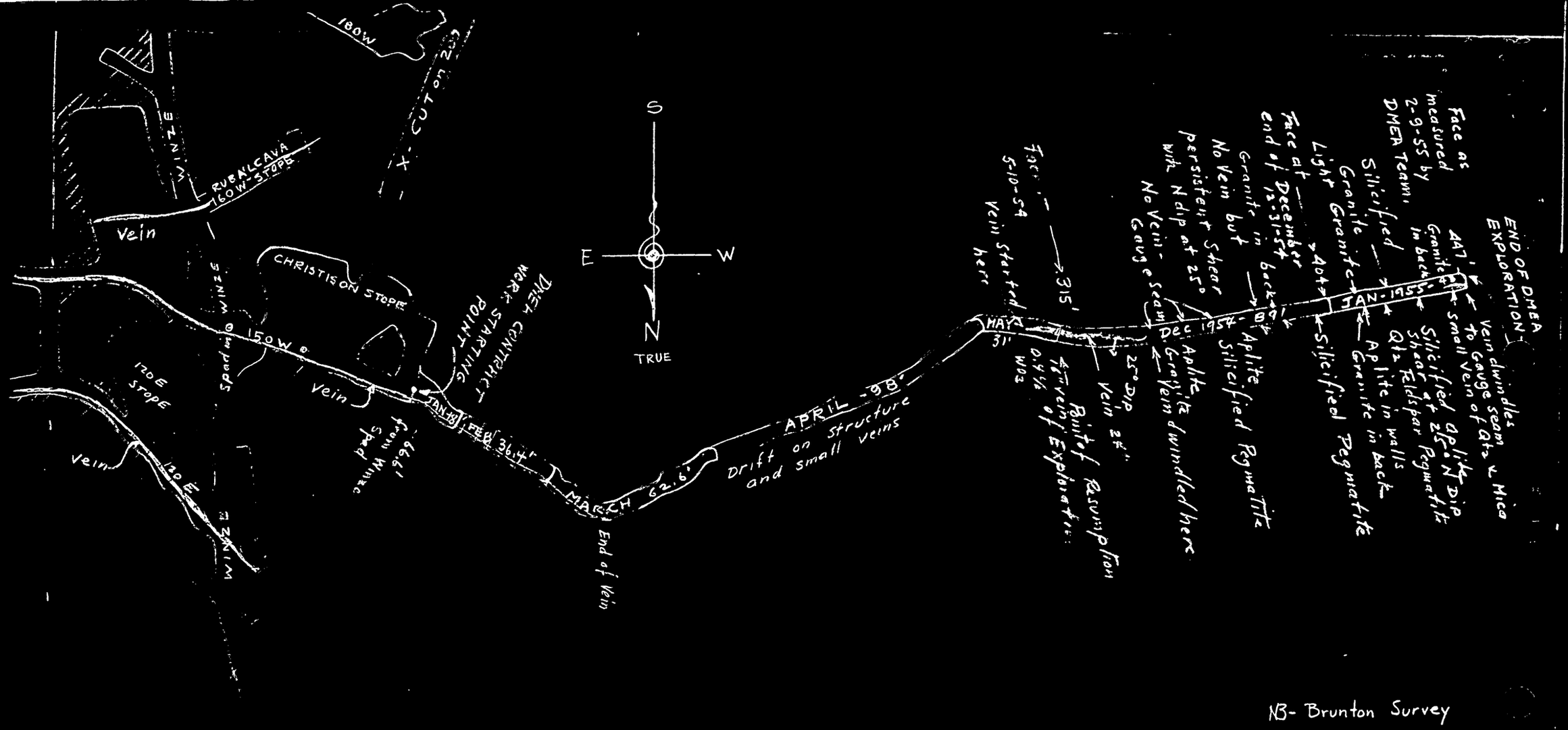
on work done on
Contract [illegible]
Project [illegible]
Gallinas Mountain Mine,
Torrance County, New Mexico.

During the month of January all work done on above contract was carried out in the 150 x drift. The face was advanced 45 feet in a vertically dipping fault from a point 60 feet from the end in the back of the mine to a point 107 feet from the same end.

Except for the last two months the advance was made through heavy ground, consisting mainly of silicified granite, silicified gneiss, some pink granite and aplite, and also some permeable material containing pockets of quartz and feldspar. The last two months exposed a small vein of fluorspar, which at first looked promising, but died out in the face. The only feature which persisted through the last month's mined face of this vein, was the dark, aphanitic material of about 30 degrees, which is typical of the Gallinas Mountain vein. This dark material became a fault, either with small quantities of carbonate material, one side or other. The persistent series was of the type which in this locality has been observed to accompany this mineralization. It is quite obvious that further advance in this vein is not warranted, even though some additional material necessarily is necessary.

For: GALLINAS MINING, Gallinas Mines

George B. Blosky
George B. Blosky.
General Manager.



NB- Brunton Survey

WOTHREE MINES
WILLIAMS TUNGSTEN MINE
DMEA DRIFT - 150 W
PROGRESS TO FEBR 1955
Scale: 1"=30' by G.B.B.
2-15-55
MOHAVE COUNTY ARIZONA

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 16 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1954 Docket No. DMEA 3357 Contract No. [illegible]
Operator's Name [illegible] Minerals Tungsten
Address
Contract Amount, $[illegible] Government Participation: 75 % Amount, $ 24,750.00

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	[illegible]	[illegible]	[illegible]			
Raising	[illegible]	[illegible]	[illegible]			
(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	[illegible]	[illegible]	[illegible]	2670.00	24,255.00	26,925.00

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

Date Jan. 16, 55 *Payee [illegible]

Per George B. Blonsky Title General Manager

*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:

$ 2002.50

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 2-24-55 Vou. No. DMA-55-65

(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-E632 in accordance with the terms of the contract.

Signature T M Romeo WAA Title Mining Engineer Date Feb 15, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Shaver Title Executive Officer Date FEB 18 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 6 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 4 195 2957 Docket No. DMEA Contract No. Idm-E632
Operator's Name CARL EDWARD, dba Wolfree Mines Minerals Tungsten
Address P.O. Box 67, Kingman, Arizona.

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	Foot	$2670.00	89	$22,125.00	737.5	$30.00	875	$30.00
Crosscutting								
Raising	Foot	---	--	$1,800.00	60	$30.00	125	$30.00
Shafts	Foot	---	--	$3,000.00	50	$60.00	50	$60.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$2670.00	89	$26,925.00			TOTAL COSTS AUTHORIZED BY CONTRACT	
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$2670.00	89	$26,925.00				$55,000.00

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 Jan. 14, '56 Operator CARL EDWARD dba Wolfree Mines.

Per George B. Blount Title General Manager.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

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

Defense Minerals Administration
RECEIVED
MAR 16 1955

224 New Customhouse
Denver 2, Colorado

February 18, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard's Williams Tungsten Mine (Wothree Mines), Mohave County, Arizona -- Operator's Monthly Progress Report for the period December 1954

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 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.....Jan. 14, 1955
Date Received in Field Office....Jan. 25, 1955
Date Received in Region Office...Feb. 18, 1955

W. M. Traver

W. M. Traver

Encls.

RDB: jp
cc Subject
Chron
Sec. Op. Comm. (2)
Storms

February 15, 1955

Memorandum

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

From : Superintendent, Southwest Exp. Station, Region III

Subject : December 1954 Progress Report, DMEA Contract Idm-E632, Docket DMEA-2957, Carl Hovgard's Williams Tungsten Mine (Wothree Mines), Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;
(2) Operator's narrative report with sections across the drift;
(3) Forms MF-104 and MF-104A.

Also enclosed are 4 extra copies of our engineer's report.

As all work is in accordance with terms of the contract and its amendments, I recommend that the Government's share of the costs be paid.

The operator's report was received on January 20, but a Bureau of Mines engineer was unable to visit the mine before February 7 because of snow.

Walter R. Storms

Walter R. Storms

CC W. M. Traver (8)
DMEA-2957
DF

WRStorms:frj

Memorandum February 15, 1955

To : Walter R. Storms, Superintendent, Southwest Experiment Station, Region III

From : T. M. Romslo, Mining Engineer, Region III

Subject : Progress Report for December 1954, Docket DMEA-2957, Contract Dm-D432, Carl Hovgard's Williams Tungsten Mine (Mathree Mines), Mohave County, Ariz.

The Williams Tungsten mine was visited February 7 to 10, 1955 for the purpose of measuring advance for the months of December and January and to obtain data for recommendations regarding a proposed extension and amendment of the contract. Measurements were taken February 9 with Mr. Blonsky, General Manager. The remainder of the period, except for the 8th when I visited the Fountain Head mine of terminated project DMEA-1801X, was spent with J. H. Faick, U. S. Geological Survey, on work connected with the proposed extension and amendment. Bad roads, caused by a heavy snow storm made an earlier visit to the mine inexpedient.

Work authorized by the contract and performed during December and January was confined to extending the 150 west drift. Work in this drift had been stopped by Blonsky on January 23 because little ore mineralization had been encountered in the last 100 feet of drift. The face of the drift was at 447 feet from the center of the main winze. At the end of May, when last measured, the face was at 315 feet from the reference point. According to Blonsky, 89 of the 132 feet of advance was accomplished during December. A sample (No. 12775) was cut at 320 feet from the winze in the only significant mineralized zone penetrated by the 132 feet of drifting. It had not been assayed at this writing.

Milling of ore from the winze from "0" level stopped December 23 with the freezing of water pipes, had not been renewed. Sixteen of the 22 tons of ore recovered from the winze had been milled. The grade of the ore, based on concentrates produced, was placed at 0.75 percent WO_3 by Blonsky. On January 28, mining was started in the ore zone above the winze that had been explored

CC W. M. Traver (Orig. & 8)
DMEA-2957
DF

TMRomslo:frj

under the contract by a 10-foot raise. The minable portion of the ore zone yielded about 30 tons of ore to February 7 when operations were transferred to steping of ore to the east of the main winze above the 150 level. Milling of ore will be resumed by some of the 6-man mining crew when about 100 tons is available.

The fourth lot of concentrates, mentioned in the previous monthly report, was not shipped because assays of the coarse and fine concentrates averaged less than 50 percent WO_3. The grade of the concentrates, up-graded to about 58 percent by roasting and magnetic separation, will be raised to plus 60 percent by additional similar treatment. Up-grading has lowered the weight of the concentrates from plus 1 ton to about 1,700 pounds. A minimum lot of 1 ton should be available for shipment shortly after milling is resumed.

The status of the contract as of December 31, 1954 is as follows:

	December	Total
Drifting @ $30.00/ft.	$2,670.00	$19,455.00
Raising @ $30.00/ft.	----	1,800.00
Winze @ $60.00/ft.	----	3,000.00
Total	$2,670.00	$26,925.00
Government's share	$2,202.50	$20,193.75

The operator has presented forms MF-104 and 104A on which he claims reimbursement for the Government's share of the costs of 89 feet of authorized drifting. His narrative report is considered adequate but should have been supported with a plan map of the advance instead of cross sections. He has promised to include a plan map with next months report. The Government should reimburse the operator for its full share of December costs as records show royalties have been paid on all reported shipments of concentrates.

The operator has applied for a 3-month extension of the contract from January 30, 1955 and for permission to transfer some of the authorized footage to more favorable sites. As you know, a memorandum from this office of February 15 contained a recommendation of the proposed extension of the contract but withheld recommendation of the amendment pending the operator's final decision as to future plans. Blonsky said that the decision, either to continue explorations or limit operations to the mining and milling of all readily accessible ore, will be contained in a letter that should be received by the

DMEA within a few weeks. The probability is that the operator will request termination of the contract. Consequently, next month's progress report probably will recommend that a portion of the Government's share of costs for January should not be paid until receipt of the operator's final report.

T. M. Romsle
Mining Engineer
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 6 1955

January 14, 1955.

NARRATIVE REPORT FOR THE MONTH OF DECEMBER, 1954

on work done on
Contract IGn-2632
Docket DMMA-3957
Mohave County, Arizona
Williams Tungsten Mine.

During the month of December, 1954, Westbrec Mines' efforts in connection with the DMMA Exploration Contract IGn-2632 on Williams Tungsten Mine were concentrated on the preparation for and actual further extension of the 150W drift. At first the old 150 W drift had to be widened somewhat in places to allow the use of our mucking machine. Also some retimbering had to be undertaken, as during the 4 months' shutdown several small caves developed. Besides, this drift, due to its considerable length, required ventilation pipe and blower, which were acquired and installed. When all the above preparatory work was completed, we managed to obtain a fair daily progress.

The geology at the face of this drift at station 312.6 W, where we resumed our exploration in December, was encouraging showing a newly opened up small vein, which upon surveying gave several indications of being a downward extension of a vein found outcropping on the westend of the property, 240' higher and some 480' up a 25° slope from the exposure at the 312.6' W point in the 150 W drift. The assays of 4 samples of the vein in the face averaged 0.40% WO_3 and proved that at this location this vein was tungsten bearing, though not in commercial quantities.

Our December work on extension of this drift proved rather disappointing. Though the first round widened the vein from average width of 12" to the average width of 18", the next two rounds showed reduction of the vein width and splintering on the south side. The next two rounds reduced mineralization of the face to a wedgeshaped body of about 6" on the southwall, tapering to nothing towards the northwall. Further advance of the drift failed to show any true vein matter, but structure persisted. Actually at point 312.6 W, where we resumed work, our vein was tightly held in granite walls. With progress westwards this granite was replaced with aplite, which shortly thickened and persisted in appearing in practically every section. As all occurrences of wolframite in this mine are in aplite, this was considered encouraging. On the other hand, comparatively strong dikes of quartz feldspar pegmatite replaced granite and became main ingredient of the material drifted through. Pegmatite in Williams Tungsten mine is practically never associated with wolframite and so its

appearance was considered as a discouraging factor. On the other hand, the attractive pitch the shape of a small dip from south to the north was extremely persistent, over since we started driving the NOW CRIT. Also both spline and pressure appear extremely distorted and in many places completely replaced by masses of bulbed tube cement, indicating considerable differentiation action and alteration since the tube was assembled. The absence of true rotation, consisting of clamps, levers and rods fastened quite heavily strengthened the masses and some substantial obstacle, of course was very disappointing.

Up to the point that I saw the tube to had come time with in the shop. Also the rotor was taken place to the floor of the lathe; as we advanced further, by turning our focus directly to the model, we noticed that to make the heating unit contact that permits into the upper right corner of the face and later even to uncover substantial cement crusted in the lower left corner of the face.

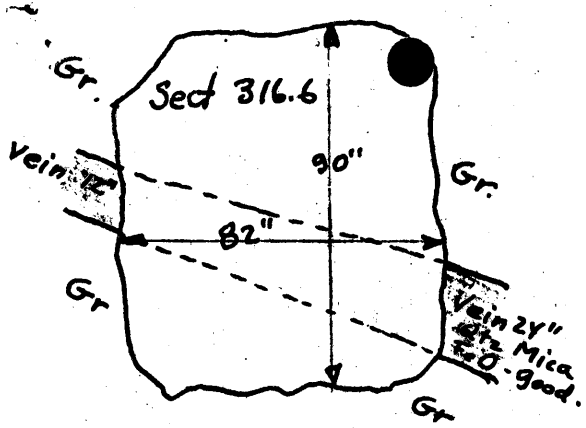
The above seems to indicate that further detailed examination is just treating a matter of identifying minor, or say as rectification of recovering further unlocked the experience. Our LMA Contract provides for a return flight the NOW CRIT of the best possible point corresponding to the LMA flight Sem. We are inclined to think that (as) a point has been reached at or near section 16.0 U. The rotor exposed at this point was filmed upon a second broom section 100.0 to a minute after section 100.0 or any for 1' to 2'. Thus to a possibility that this is an appearance of the lower lip of the rotor exhibiting for over 100' to the point mentioned. Very far points may prove that the rotor exposed has an resistance to the 100, but this is not indicated as done to keep in this point considered for has not been placed. Therefore we could like to have a further of LMA Sem to see our attention for Mission of his contract con-vidence and to resolve this matter of the rotor.

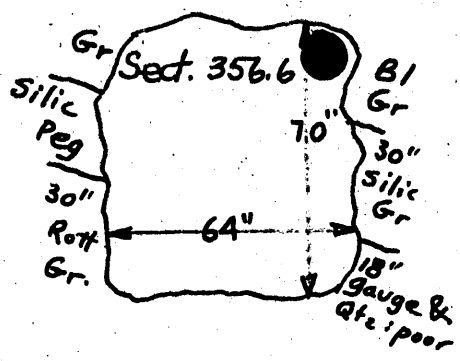
As his last visit to our property Mr. V.Chudvich hoped to be able to contact us by Sunday 10th, but unfortunately weather conditions are prevailing this, so they arrived even so of the day for the last revolut Cyd.

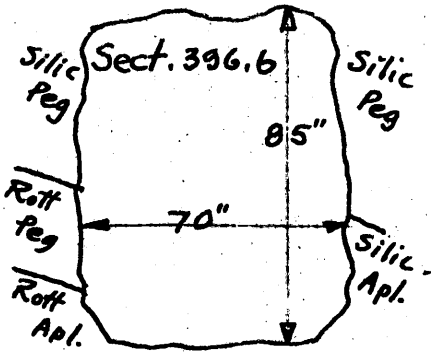
Best wishes and regards, the Wolfrace Mace.

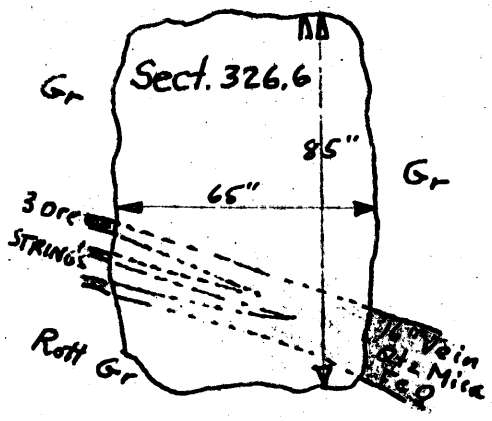
George B. Blomey

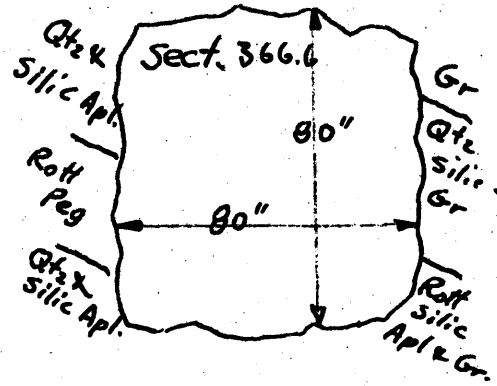
George B. Blomey.
General Manager.

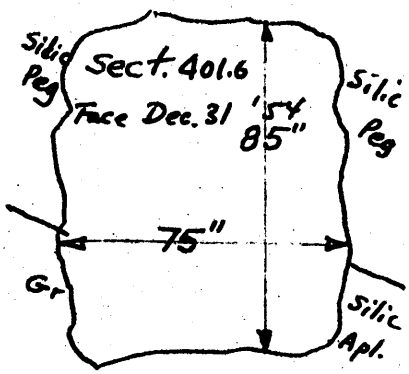


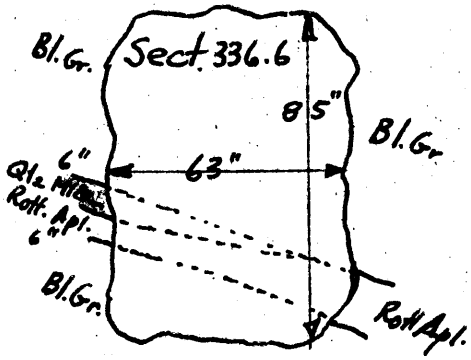


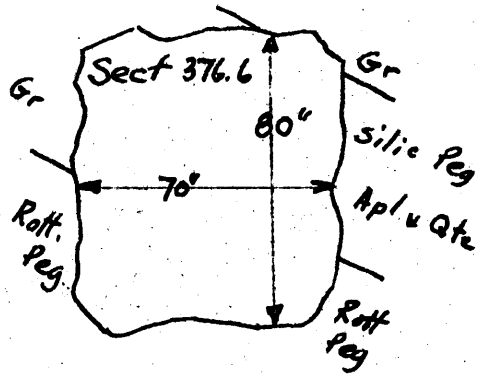


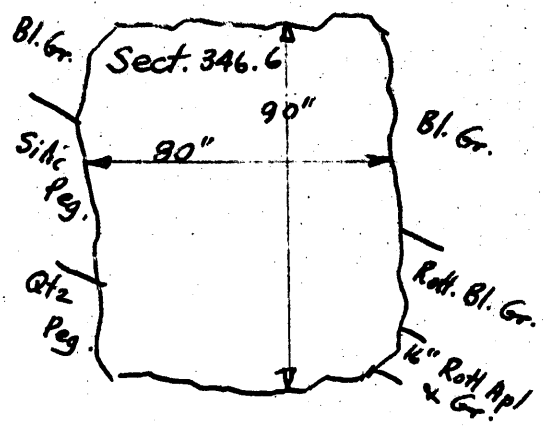


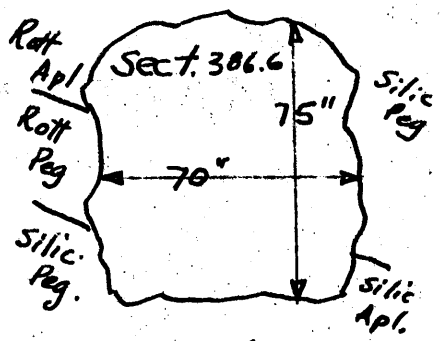












Bearing of Drift
S-65-W Magnetic

WOTHREE MINES
WILLIAMS TUNGSTEN MINE
DMEA DRIFT 150 W.
DECEMBER 1954 ADVANCE
Scale: 1" = 50"
by G.B.B.

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

Budget Bureau No. 42-R1036.5

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

Month of November, 1954 Docket No. DMEA 3957 Contract No. Idm-E032
Operator's Name CARR, HOWARD, dba Northrop Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $55,000.00 Government Participation: 75 % Amount, $24,750.00

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	---	219,455.00	219,455.00			
Raising	---	1,800.00	1,800.00			
Stope stoping	$3,000.00	----	3,000.00			
(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	$3,000.00	$221,255.00	$224,255.00			

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

Date Dec. 14, '54 *Payee CARR, HOWARD, dba Northrop Mines

Per George B. Blonky Title General Manager.

*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:

$2,250.00

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 1-7-55 Vou. No. DMA-55-50

(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. IdmE632 in accordance with the terms of the contract.

Signature William R. Hardwick Title Mining Engineer Date 12/27/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Rank

Signature W H King Title Executive Officer Date JAN 6 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED

Month of November 1954 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name Carl Hovgard, dba Southree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona

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	---	---	$19,455.00	648.5	$30.00	875	$30.00
Crosscutting								
Raising	"	---	---	$ 1,800.00	60	$30.00	125	$30.00
Shafts								
Winzes	"	$3,000.0	50	$ 3,000.00	50	$60.00	50	$60.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$3,000.00	50	$24,255.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$3,000.00	50	$24,255.00				$53,000.00

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 Dec. 14, '54 Operator Carl HOVGARD dba Southree Mines

Per George B. Blomey Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

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

224 New Customhouse
Denver 2, Colorado

January 6, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard's Williams Tungsten Mine (Wothree Mines), Mohave County, Arizona Operator's Monthly Progress Report for the period November, 1954

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 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	December 14, 1954
Date Received in Field Office	?
Date Received in Region Office	January 6, 1955

W. H. King

Enclosures

Copy to: Secretary to Operating Committee (2)
W. R. Storms
Docket

Chron

RDB:ld

January 3, 1955

Memorandum

To : W. H. King, Executive Officer, DMEA Field Team

From : Superintendent, Southwest Experiment Station

Subject : November 1954 Progress Report, DMEA Contract Idm-2612, Docket DMEA-2097, Carl Norgard's Williams Tungsten Mine, (Wachuca Mines), Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;

(2) Operator's narrative report with map;

(3) Forms MF-104 and MF-104A.

Also enclosed are four extra copies of our engineer's report.

As all work is in accordance with terms of the contract and its amendments, I recommend that the Government's share of the costs be paid.

Walter R. Storms

Walter R. Storms

CC W. H. King (3)
DMEA-2097
MF

WRSterms:fr:j

December 27, 1954

Memorandum

To : Walter R. Storms, Chief, Mining Methods Br., Mining Div., Region IV, Tucson, Ariz.

From : William R. Hardwick, Mining Engineer, Tucson, Ariz.

Subject : Progress Report for November 1954, Docket DMEA-2057, Contract Idm-X632, Carl Hovgard's Williams Tungsten Mine (Nethree Mines), Mohave County, Ariz.

The Williams tungsten mine was visited on December 21, 1954. George Klemsky, General Manager, was at the mine and assisted in measuring the progress for November.

During November 1954, a winze, 50 feet deep, was sunk below the "Q" level as provided by Amendment No. 2. The winze was sunk on the dip of the vein, which is about 17 degrees at this point. The vein averaged 15 inches thick for the first 25 feet below the "Q" level and 8 inches thick for the bottom 25 feet. A sample (No. 13048) was cut at 25 feet; assay results are not yet available. The operator mined the ore from the winze carefully and will run this ore through his concentrating plant and measure the amount of wolframite recovered.

The operator now employs six men. Some ore has been concentrated and three lots of concentrates have been sold. A fourth lot is ready for shipment. The concentrates sold to GSA were as follows:

Net Dry Lbs.	S.T.U. WO_3	Value	Royalty
3,244.4593	72.4284	$4,381.92	$219.10
2,158.7004	72.3738	4,559.53	227.98
2,786.3128	82.1383	5,796.71	289.84
	236.9410	$14,738.16	$736.92

This operator now is pushing exploration under the contract. The status of the contract as of November 30, 1954 is as follows:

CC W. H. King (Orig. & 8)
DMEA-29 W
DF

WRHardwick:frj

	November	Total
Drifting @ $30.00/ft.	-	$19,455.00
Raising @ 30.00/ft.	-	1,800.00
Winze @ 60.00/ft.	$3,000.00	3,000.00
Total	3,000.00	$24,255.00
Government's Part	2,250.00	18,191.25

The operator has presented forms MF-104 and MF-104A on which he claims reimbursement for the Government's agreed part of the cost of the 50 feet of winze that was completed in November 1954. This winze is in accordance with the provisions of the contract and is approved. It is recommended that the operator be paid, if all royalty payments to the Government are up to date.

The time fixed for the completion of this contract is January 30, 1955. The operator expects to complete the drifting on the 130-level by the end of January but probably will be unable to complete the 50-foot raise above this level. It will probably be necessary to extend the time if all work provided by the contract is to be completed.

William R. Hardwick

William R. Hardwick, Mining Engineer
Mining Division, Region IV
Mining Methods Branch

December 14, 1954.

Received
DEC 1 1955

NARRATIVE REPORT FOR THE MONTH OF NOVEMBER, 1954

on work done on
Contract ICM-2052
Docket DMRA-2057
Williams Kingston Mine
Mohave County, Arizona.

During the month of November the underground work done consisted of sinking a 50 ft. winze below the "C" drift at a point just below the DMRA raise driven earlier above this drift.

The 50 foot contract for wore completed and 56 tons of ore were recovered for milling. This ore will be milled in the next few days andthen the actual shipment figures will show the average grade of ore produced.

The geology exposed by this exploration winze is as follows: The vein is very flat, dipping at 17 degrees with the horizontal. The direction of the winze is NE. Both hanging and footwall of the winze are in aplite and several foot holes in the hanging, drilled up to seven feet long, failed to reach granite. The vein matter varied in width from 28" to 0" and in several places showed highgrade wolframite mineralization. The upper 25' of the winze produced 26 tons of ore, while the lower half gave us only 10 tons. This happened because the vein narrowed and pinched and also because the ore failed to stay in the back, when the waste was shot from under it. The ore actually recovered has all appearance of being of good grade, but we cannot give final report until we have it milled.

The dip of the vein swung abruptly to the right as we got past the 25 ft mark. This probably accounts for the comparative flatness of our working. At three points small faults were observed, but displacement of ore was insignificant, and expressed itself mainly in sudden apparent steepening of the dip.

At the present face the ore is taking a sharp dip downwards and shows signs of widening, but the valuable streak of the east side of the face is split into two smaller veinlets with apparently barren quartz and aplite between them.

The upper 40' of the winze were quite dry, but the bottom 10' are making sufficient water to make a pool about 30" deep over a two-day weekend.

For: CARL MUGARD, dba Wethrec Mines

U. S. BUREAU OF MINES
MINING DIVISION
DEC 17 1954
TUCSON, ARIZONA

George B. Blonsky
George B. Blonsky
General Manager.

(Rev.)

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

RECEIVED DEC 27 1954

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

Month of October, 1954 Docket No. DMEA 2957 Contract No. Idm-E652
Operator's Name CARL HOVGARD, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $ 33,000.00 Government Participation: 75% Amount, $ 24,750.00

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	----	$19,455.00	$19,455.00			
Raising	$300.00	1,500.00	1,800.00			
(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	$20,955.00	$21,255.00			

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

Date Nov. 13, 54 Payee CARL HOVGARD, dba Wothree Mines

Per George B. Blonsky Title General Manager

*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:

$325.00

Signature
(Authorized Certifying Officer)

Date 12/9/54 Vou. No. DMA 55-39

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E 637 in accordance with the terms of the contract.

Signature William R. Hardwick Title Mining Engr Date 11/29/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

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

should be on form MF 104 A

Form [illegible] (Rev.)
(A[illegible])

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1954 Docket No. DMEA 4 Contract No. Idm-E632
Operator's Name Carl Howgard, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona.
Contract Amount Government Participation: 295% Amount, $

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	---	---	---	$19,455.00	648.5	$30.00 875	$30.00
Bulldozing						
Crosscutting	feet $300.00	10	$ 1,800.00	60.0	$30.00 125	$30.00
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
	$300.00	10	$21,255.00			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs	$300.00	10	$21,255.00			$35,000.00
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS						

November 13, 54
Carl Howgard,
dba Wothree Mines.
General Manager

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 27 1954

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

Date ..... *Payee .....

Per ..... Title .....

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

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

(Instructions on reverse)

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

$.....

Signature .....
(Authorized Certifying Officer)

Date ..... Vou. No. .....

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

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date DEC 2 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form [illegible]104A
(April [illegible]2)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Department of the Interior
Defense Minerals Administration
RECEIVED

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of ..... 195..... Docket No. DMEA ..... Contract No. .....
Operator's Name ..... Minerals .....
Address .....

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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 ..... Operator .....

Per ..... Title .....

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

REMARKS: .....

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

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

RECEIVED

224 New Customhouse
Denver 2, Colorado

December 2, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard's Williams Tungsten mine (Worthree Mines) Mohave County, Arizona. Operator's Monthly Progress Report for the period October 1954.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	November 13, 1954
Date Received in Field Office	November 15, 1954
Date Received in Region Office	December 1, 1954

W. H. King

Enclosures

RDB:dm

cc: Sec., Oper. Comm. (2)
Subject
WRStorms
Chron

November 20, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : October 1954 Progress Report, DMEA Contract Idm-2632, Docket DMEA-2057, Carl Hergard's Williams Tungsten Mine (Mesquite Mines), Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;

(2) Operator's narrative report;

(3) Forms MF-104 and MF-104A.

Also enclosed are 4 extra copies of our engineer's report.

The operator's report was received in the Tucson office on November 15, but was held here until Murdoick could visit the mine and check progress.

As all work is in accordance with terms of the contract and its amendments, I recommend that the Government's share of the costs be paid.

Walter R. Storms

Walter R. Storms

CC W. H. King (6)
DMEA-2057
DF

WRStorms:fr

November 29, 1954

Memorandum

To : Walter R. Stearns, Chief, Mining Methods Br., Mining Div., Region IV, Tucson, Ariz.

From : William R. Hardwick, Mining Engineer, Tucson, Ariz.

Subject : Progress Report for October 1954, Budget RMSA-2067, Contract [illegible], Carl Hergard's Williams Tungsten Mine (Western Mines), Mohave County, Ariz.

The Williams Tungsten mine was visited on November 23, 1954. George Blansky, General Manager, was at the mine and assisted in measuring the progress.

This contract was inactive from June 1, 1954 to October 1, 1954. According to the operator, work was resumed on October 14, 1954. When the mine was visited on November 23, 1954 the operator had driven a short raise above the bottom of the main winze as provided in Amendment No. 2 and was sinking a winze on the "O" level.

The operator reports that 10 feet of the raise was completed in October. This raise is in accordance with the provisions of Amendment 2 and is approved.

The status of the contract as of October 31, 1954 is as follows:

	October	Total
Drift, @ 30.00/ft.	—	$19,456.00
Raise, @ 30.00/ft.	$300.00	1,800.00
Winze, @ 60.00/ft.	—	—
Total	$300.00	$21,256.00
Government's part	$225.00	$15,918.75

The operator now has six men employed. In the first part of October, the mill was operated part time and some tungsten concentrates were produced.

The 10 feet of raise that was completed in October discovered a narrow vein of tungsten ore that the operator does not consider economic at present.

It is recommended that the operator be paid for the Government's agreed part of the costs of the work that was completed in October amt. $225.00

CC W. H. King (Orig. & 8)
RMSA-2067
WF WHHardwick:frj

This contract will expire on January 30, 1966.

William R. Hardwick

William R. Hardwick, Mining Engineer
Mining Methods Branch
Mining Division, Region IV

DEPARTMENT OF THE INTERIOR
REGISTRATION
RECEIVED

November 12, 1954.

NARRATIVE REPORT FOR THE MONTH OF OCTOBER, 1954,

on work done on
Contract IdM-3632
Docket DMMA-2057
Williams Tungsten Mine
Mohave County, Arizona.

During the month of October work was resumed on above contract. On October 7th the Government approved Contract Amendments were mailed to the writer, who received them on October 11th. Authorization by the Home Office of Mothree Mines reached the mine by October 14th and preparatory work began immediately. Unfortunately, the miners who were on call for early in October, had dispersed and were out of the state. This caused further delay in getting the crew together.

When actual underground work began, before the raising could be started, we had to remove the broken ore from the winze and the pocket, as otherwise waste from the proposed raise near the bottom of the inclined winze would be mixed with the available millable ore. Considerable slushing and tramming was involved and when this was completed and the miners set up for their first round of drilling, the starting engine on the compressor broke down. A bolt holding the con-rod bearings together crystallized and failed, demolishing one piston, one con-rod and two bearing inlays. Obtaining of spare parts caused further delay. Therefore, no more than 10 feet of actual raising was accomplished during the month of October.

The geology exposed by the raise near the bottom of the winze is as follows: The first round, which was only 2' long, exposed aplite of which one foot was mineralized and oxydized, containing hematite, mica, soft weathered aplite and some wolframite in occasional pieces up to 2" thick. On the whole this occurrence cannot be considered commercial. Next round, which was 4' long, exposed hard and blocky aplite, but no mineralization. The last round, also 4' long, removed another 2 to 3' of aplite and from 2 to 1' of very hard pink granite. In the face we have exposed some of the pink granite, which is very dense and silicified, and also some regular gray granite, which apparently is a little softer. It is our belief that at this place we have completely crossed the aplitic formation, having exposed but little of mineralization of no commercial value and that therefore further work in this raise is no more warranted. We have suspended further operation in this raise until the DMMA officer's inspection.

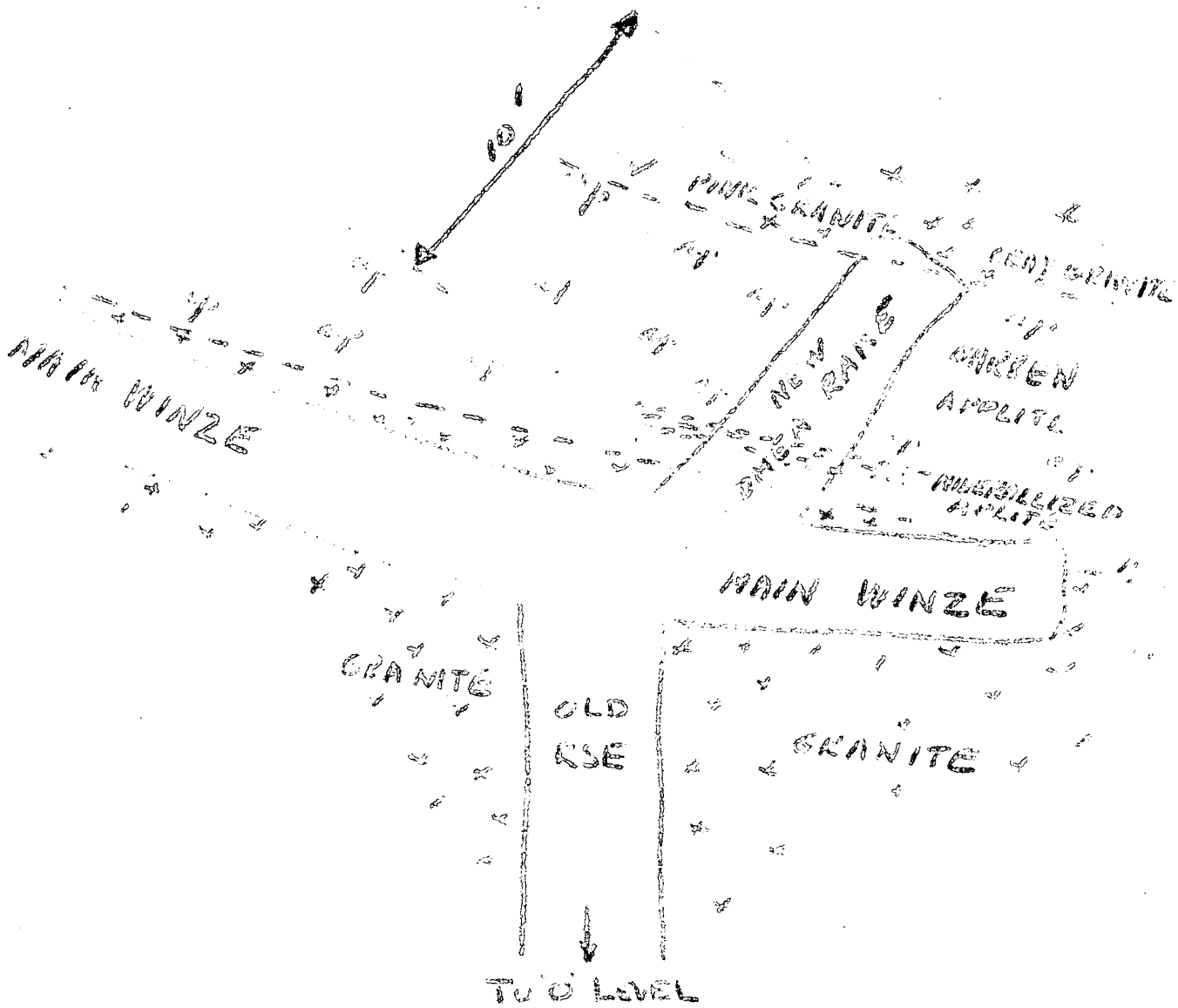
We are now engaged in sinking the winze below the "C"R drift.

For: CARL HOVGARD, dba Mothree Mines

George B. Blonsky

George B. Blonsky.
General Manager.

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
DEC 17 1951



WITHREE MINES

WILLIAMS TUNGSTEN MINE

LOOKOUT MTN. ADVANCE

DRIFT RAISE NEAR BOTTOM

OF MAIN WINZE

by G.E.B.

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

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

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

Month of May 1954 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name CARL HOVGARD, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $33,000.00 Government Participation: 75 % Amount, $24,750.00

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	$2280.00	$17,175.0	$19,455.0			
Raising	----	1,500.00	1,500.00			
(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	$2280.00	$18,675.0	$20,955.00	2280.00	18,675.00	20,955.00

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

Date June 12 1954 *Payee CARL HOVGARD dba Wothree Mines

Per G. B. Blounty Title General Manager.

*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:

$1710.00

Signature [illegible] (Authorized Certifying Officer)

Date 6/22/54 Vou. No. DMA 54-138

(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. DMEA 632 in accordance with the terms of the contract.

Signature William R. Hardwick Title Mining Engr Date 6/18/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date JUN 21 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 1954 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Crosscutting								
Raising	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		[illegible]	[illegible]	[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]	[illegible]	[illegible]				[illegible]

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 [illegible] Operator [illegible]

Per G. B. Blowey Title [illegible]

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

June 23, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard's Williams Tungsten Mine (Wothree Mines), Mohave County, Arizona.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of May 1954.

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 21, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Novgard's Williams Tungsten Mine (Wothree Mines), Mohave County, Arizona. Operator's Monthly Progress Report for the period May 1954.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	June 12, 1954.
Date Received in Field Office	June 16, 1954.
Date Received in Region Office	June 21, 1954.

W. H. King

W. H. King

Enclosures

RDB:cwm

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

June 18, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : May 1954 Progress Report, DMEA Contract Idm-E532, Docket DMEA-2957, Carl Hovgard's Williams Tungsten Mine (Wethree Mines), Mohave County, Ariz.

Enclosed in quintuplicate are

(1) Bureau of Mines engineer's report;

(2) Operator's narrative report with maps;

(3) Forms MF-104 and MF-104A.

Also enclosed are 3 extra copies of our engineer's report.

As all work is in accordance with the terms of the contract, I recommend that the Government's share be paid.

Walter R. Storms

Walter R. Storms

CC W. H. King (7)
DMEA-2957
DF

WRStorms:frj

June 18, 1954

Memorandum

To : Walter R. Storms, Chief, Mining Methods Br., Mining Div., Region IV, Tucson, Ariz.

From : William R. Hardwick, Mining Engineer, Tucson, Ariz.

Subject : Progress Report for May 1954, Docket DMEA-2957, Contract Ldm-8632, Carl Hovgard's Williams Tungsten Mine (Wethree Mines), Mohave County, Ariz.

The Williams Tungsten Mine was visited on May 26-28, 1954 by John N. Faick, geologist, U. S. Geological Survey, and the undersigned engineer. Mr. George B. Hartley, general superintendent, was present and assisted in measuring the progress for May. A narrative report, Forms MF-104 and MF-104A, and maps were received in the Tucson office of the U. S. Bureau of Mines on June 16, 1954.

During May the face of the 120 East drift was advanced to a point 328 feet from the winze for a net gain of 45 feet. The 150 West drift was advanced 31 feet to a point 315 feet from the winze.

The vein in the 120 East drift was very narrow and did not reach a minable thickness at any time during the month. The 150 West drift followed a fault plane for most of the distance. When the face was examined on May 28, 1954 the vein had widened to about 14 inches and was less fractured.

The 76 feet of drift that was completed in May is in accordance with the terms of the contract and is approved. The contract provides for Government participation to the amount of 75 percent of an agreed estimated cost of $30.00 per foot of drift. The total cost of the 76 feet was $2,280.00 and the Government's part is $1,710.00. It is recommended that the operator be paid this amount.

William R. Hardwick

William R. Hardwick, Mining Engineer
Mining Methods Branch, Mining Division
Region IV

CC W. H. King (Orig. & 7)
DMEA-2957
BF

WRHardwick:frj

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES
P. O. BOX 47
KINGMAN, ARIZONA

[illegible]

[illegible]

[illegible]

[illegible]

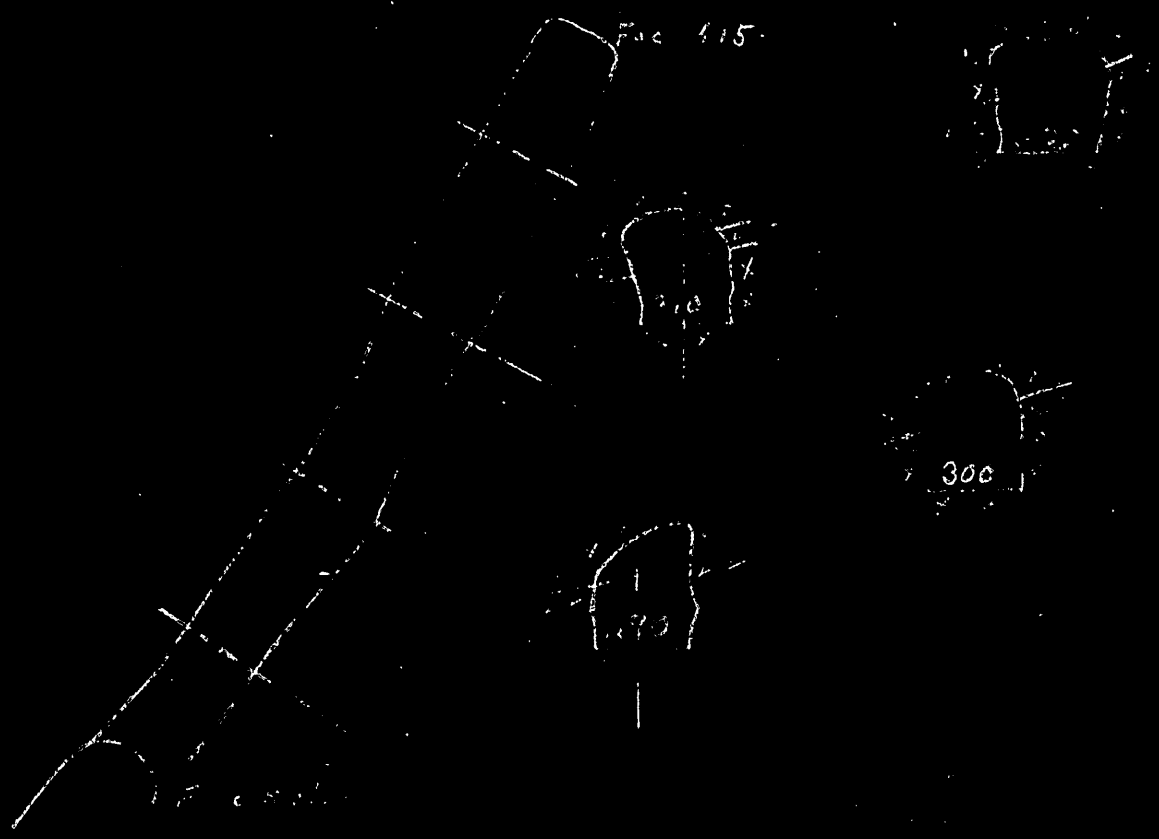
[illegible] 315' [illegible]

[illegible]

[illegible]

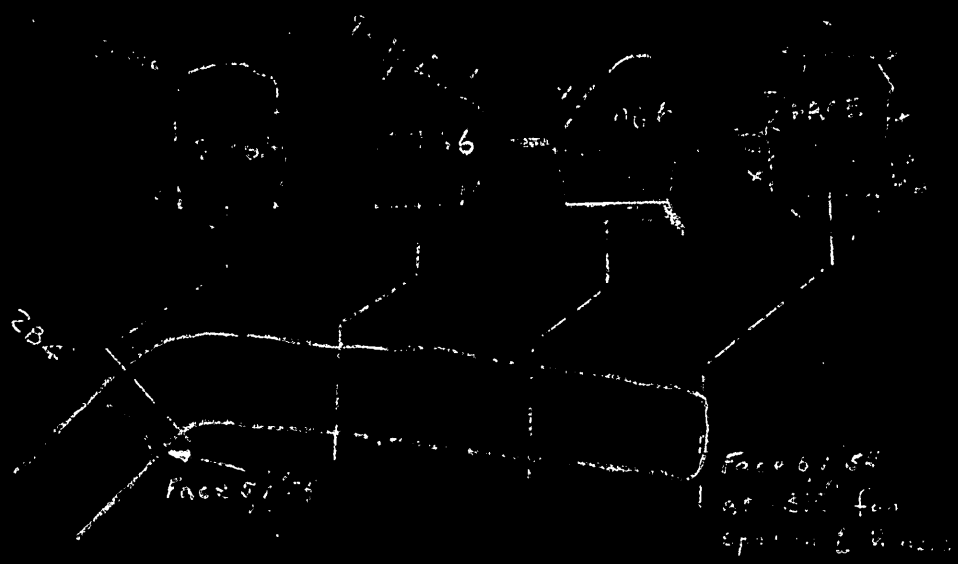
George B. Blonsky

[illegible]



Granite Ore Pegmatite

WOTHREE MINES
WILLIAMS TUNGSTEN MINE
DMEA Drift 120 E
MAY 1954 ADVANCE
Scale 1"=10 G.F.H.



Granite Ore.

WOTHERSPOON
WILLIAMSTOWN
DIAMOND
NATIONAL

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

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

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

Month of April 195 4 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name CARL HOVGARD, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $ 33,000.00 Government Participation: 75 % Amount, $ 24,750.00

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	$6,660.00	$10,515.00	$17,175.00			
Raising	-----	1,500.00	$ 1,500.00			
(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	$6,660.00	$12,015.00	$18,675.00	6660.00	12,015.00	18,675.00

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

Date May 10, '54 *Payee CARL HOVGARD ~~Dba Wothree Mines~~

Per G. B. Blonsky Title General Manager.

*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:

$ 4995.00

Signature Naomi E. Stokes
(Authorized Certifying Officer)

Date 6/11/54 Vou. No. DMA 54-133

(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. 4mE 632 in accordance with the terms of the contract.

Signature William R. Hardwick Title Mining Engineer Date 6/8/54

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

Signature W. H. King Title Executive Officer Date JUN 10 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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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.

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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".

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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 1954 Docket No. DMEA 2957 Contract No. Idm-2632
Operator's Name Carl Hovgard, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona

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	$6,660.00	222	$17,175.00	572.5	$30.00	925	$30.00
Crosscutting								
Raising	feet	------	-----	1,500.00	50	$30.00	175	$30.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$6,660.00	222	$18,675.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$6,660.00	222	$18,675.00				$33,000.00

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 10, '54 Operator CARL HOVGARD dba Wothree Mines

Per J. B. Blonky Title General Manager

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

June 10, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard's Williams Tungsten Mine, Mohave County, Arizona. Operator's Monthly Progress Report for the month of April 1954.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	May 10, 1954.
Date Received in Field Office	June 3, 1954.
Date Received in Region Office	June 10, 1954.

W. H. King

W. H. King

Enclosures

RDB:cwh

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

June 8, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : April 1954 Progress Report, Contract Idm-E632, Docket DMEA-2957, Carl Hovgard's Williams Tungsten Mine, Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;
(2) Operator's narrative report with 2 maps;
(3) Forms MF-104 and MF-104A.

Also enclosed are 2 extra copies of our engineer's report.

The operator's report originally was received in the Tucson office on May 17, but part of it was sent back to the mine for signature, so was not returned until June 3.

As all work is in accordance with the terms of the contract, I recommend that the Government's share of the costs be paid.

Walter R. Storms

Walter R. Storms

CC W. H. King (6)
DMEA-2957
DF

WRStorms:frj

June 8, 1954

Memorandum

To : Walter R. Storms, Chief, Mining Methods Br., Mining Div., Region IV, Tucson, Ariz.

From : William R. Hardwick, Mining Engineer, Tucson, Ariz.

Subject : Progress Report for April 1954, Docket DMEA-2957, Contract Idm-8633, Carl Hovgard's Williams Tungsten Mine (Wethrow Mines), Mohave County, Ariz.

The operator's narrative report, Forms MF-104, Forms MF-104A, and maps were first received in the Tucson office of the U. S. Bureau of Mines May 17, and in compliance with Mr. Blonsky's request the mine was visited on May 26-28, 1954. John M. Faick, geologist, U. S. Geological Survey, accompanied the undersigned engineer. Mr. George B. Blonsky was present for several hours on May 26, and Mr. Gerald B. Hartley, general superintendent, was present for the entire period. The narrative report, which had been received unsigned, was returned to the operator and was again received in the Tucson office of the U. S. Bureau of Mines on June 3, 1954.

During the month of April the face of the 120 East drift was advanced to a point 283 feet from the center of the winze for a net gain of 124 feet and the 150 West drift was advanced to a point 284 feet from the winze for a net gain of 98 feet. The total gain for the month of April was 222 feet. This advance was in accordance with the terms of the contract and is approved.

The section of vein exposed during the month was very narrow and it was necessary to change the direction of the drift often to follow the vein. None of the drift was on vein material of a minable width.

In several places wolframite crystals were observed. Discouraged with the slow progress of his own assay office, the operator has sampled much of the project and sent the samples to a commercial laboratory. The results should be returned soon and when they are received an estimate of tonnage and grade of ore discovered to date will be possible.

CC W. H. King (Orig. & 6)
DMEA-2957
DF

WRHardwick:frj

During April, the mill was operated one shift per day and some changes in flow sheet were made. When the property was visited on May 26, the operator had processed an estimated 300 tons of ore and had produced a shipment of concentrate which he had sent to San Francisco that day in a company truck.

The contract provides for Government participation in the costs to the amount of 75 percent of an agreed estimated cost of $30.00 per foot. The total cost of the 222 feet that were completed in April was $6,660.00 and the Government's agreed part was $4,995.00. It is recommended that the operator be paid this amount.

William R. Hardwick

William R. Hardwick, Mining Engineer
Mining Methods Branch
Mining Division, Region IV

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES

P. O. BOX 47
KINGMAN, ARIZONA

May 30, 1956.

MONTHLY REPORT FOR THE MONTH OF APRIL, 1956

On this date of
Center of [illegible]
Patent [illegible]
[illegible] Mohave County, Arizona.

During the month of April 1956 drifting was made on the vertical shaft 200 ft and 300 ft.

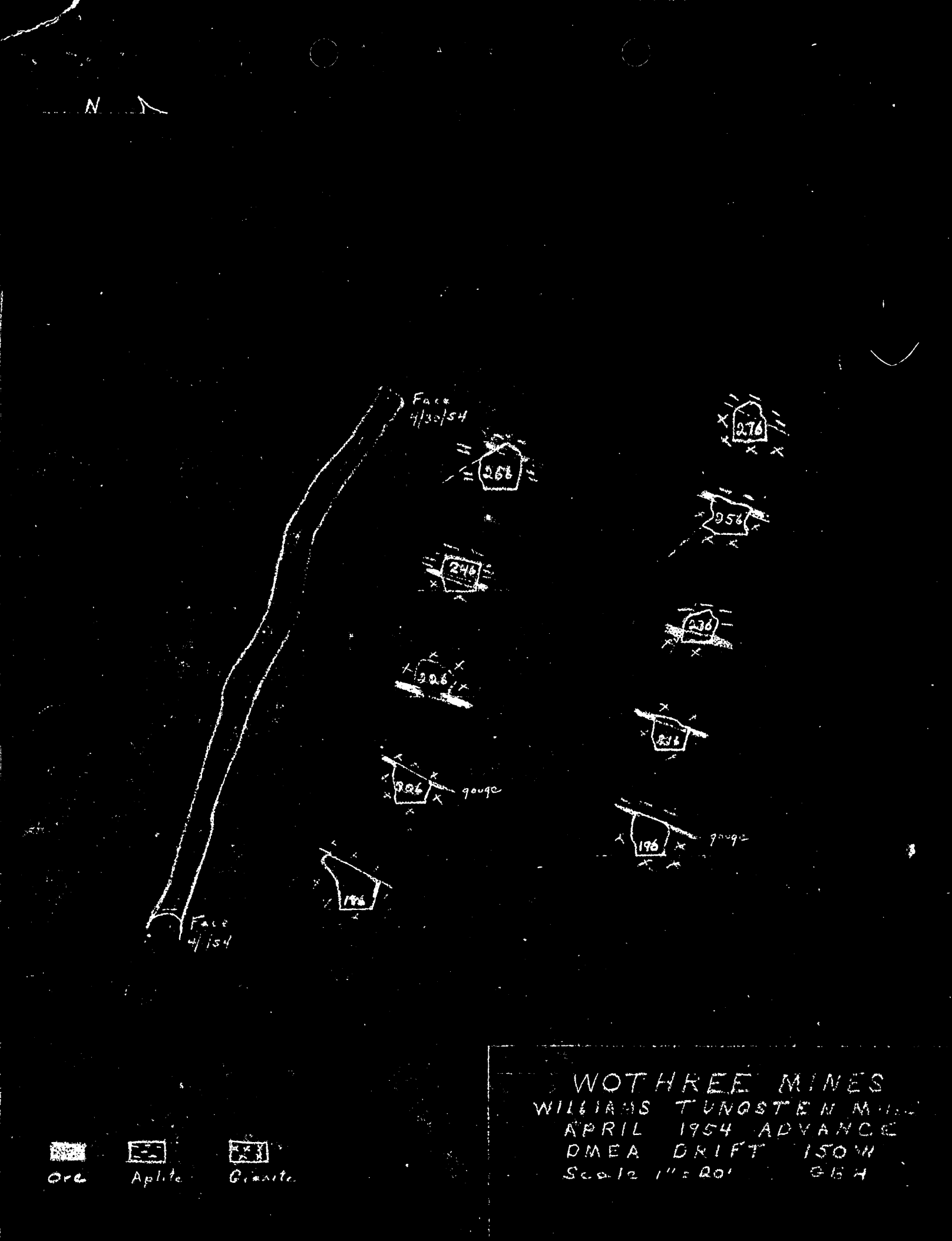
The 100 ft level was extended to the east along the main vein for a total of 183 ft. In this extension stringers are about 10 feet in width. Some [illegible] Density 0 feet in width. Sample [illegible] and [illegible] Density 6 feet of ore. In the extension is a mineralized zone between quartz [illegible] containing [illegible] and silver.

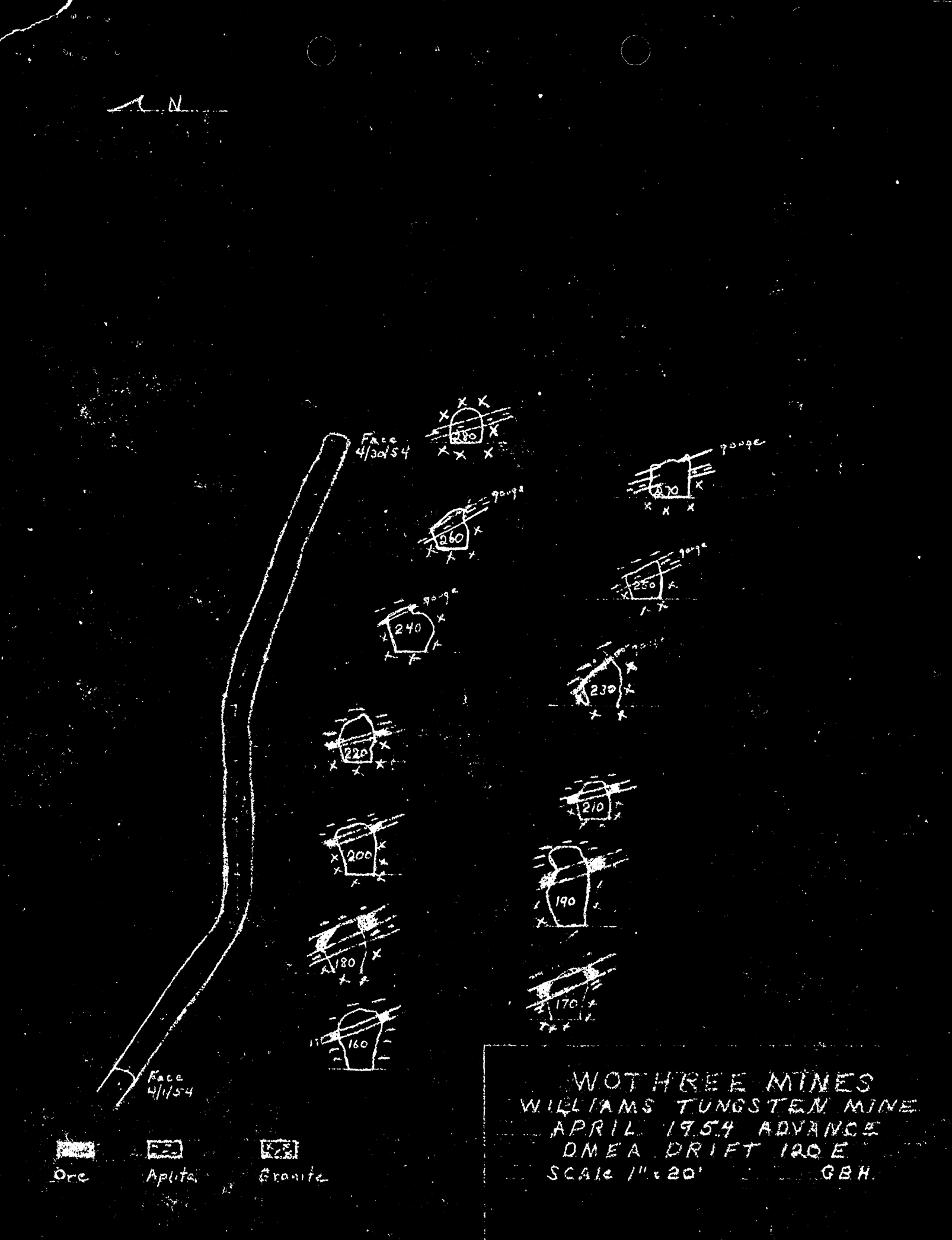
The 200 ft level was extended to the east along the vein for a total of 80 feet. At the end the vein is in the 100 ft [illegible] have a [illegible]. Very [illegible] containing zone [illegible] has been [illegible] along the contact.

RESPECTFULLY, The Wothree Mines

George B. Blonsky

George B. Blonsky
General Manager.


N
Face 4/30/54
26b
27b
25b
24b
23b
22b
21b
20b
gouge
19b
gouge
18b
Face 4/154
WOTHREE MINES
WILLIAMS TUNGSTEN MINE
APRIL 1954 ADVANCE
DMEA DRIFT 150 W
Scale 1" = 20'
GEH
Ore
Aplite
Granite


N
Face 4/30/54
gouge
280
270
260
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220
210
200
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170
160
Face 4/1/54
Ore
Aplite
Granite
WOTHREE MINES
WILLIAMS TUNGSTEN MINE
APRIL 1954 ADVANCE
DMEA DRIFT 120 E
SCALE 1" = 20'
GBH

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 7 - 1954

Month of March, 1954 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name CARL EWGARD, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $33,000.00 Government Participation: 75 % Amount, $ 24,750.00

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) Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$4,203.00	$6312.00	$10,515.00			
Raising	490.20	$1009.80	$ 1,500.00			
(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	$4,693.20	$7,321.80	$12,015.00			

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

Date 4/13/54 *Payee CARL EWGARD dba Wothree Mines

Per George B. Blously Title General Manager

*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:

$ 3519.90

Signature [illegible]
(Authorized Certifying Officer)

Date 5/3/54 Vou. No. 54-118

(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. Nm E 632 in accordance with the terms of the contract.

Signature William R. Hardwick Title Mining Engineer Date 4/27/54

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

Signature W. S. King Title Executive Officer Date MAR 30 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 27 - 1954

Month of March 1954 Docket No. DMEA 2957 Contract No. Idm-3632
Operator's Name Carl Howard, dba Mothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona.

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	$4,203.0	140.1	$ 10,515.00	350.5	$30.00	925	$30.00
Crosscutting								
Raising	feet	$ 490.20	16.34	1,500.00	50.0	$30.00	175	$30.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$4,693.20	156.44	$12,015.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$4,693.20	156.44	$12,015.00				$33,000.00

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 April 13, 54 Operator CARL HOWARD dba Mothree Mines

Per George B. Blanky Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

April 30, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard's Williams Tungsten Mine, Mohave County, Arizona. Operator's Monthly Progress Report for the period March 1954.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	April 13, 1954.
Date Received in Field Office	April 15, 1954.
Date Received in Region Office	April 29, 1954.

W H King
W. H. King

Enclosures

RDB:cwm

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

April 27, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : March 1954 Progress Report, DMEA Contract Idm-8632, Docket DMEA-2957, Carl Hovgard's Williams Tungsten Mine, Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;

(2) Operator's narrative report with maps;

(3) Forms MF-104 and MF-104A.

Also enclosed are 2 extra copies of our engineer's report.

As all work is in accordance with the terms of the contract, I recommend that the Government's share of the costs be paid.

The operator's report was received on April 15, but the Bureau's engineer was unable to visit the mine until April 22, hence the delay in submitting this report.

Walter R. Storms

Walter R. Storms

CC W. H. King (6)
DMEA-2957
DF

WRStorms:frj

April 27, 1954

Memorandum

To : Walter R. Storms, Chief, Mining Methods Br., Mining Div., Region IV, Tucson, Ariz.

From : William R. Hardwick, Mining Engineer, Tucson, Ariz.

Subject : Progress Report for March 1954, Docket DMEA-2957, Contract Idm-R632, Carl Hovgard's Williams Tungsten Mine (Wethrow Mines), Mohave County, Ariz.

The Williams tungsten mine was visited on April 22, 1954. Gerald B. Hartley, general superintendent, assisted with the measurement of the advance and the progress was discussed with George B. Blonsky, general manager.

On April 22 advance had been completed on three levels as follows: (a) "0" level East raise at 46 feet east of adit had been advanced from a reported height of 31.66 feet to a height of 52 feet; 16.34 feet of this advance is authorized by the contract; (b) The 120 level East drift had been advanced to a point 247 feet from the winze for a net gain of 165.5 feet. The operator stated that 77.5 feet of this was completed in March; (c) The 150 level west drift had been advanced to a point 256.6 feet from the winze for a net gain of 133.6 feet winze last measured. The operator stated that 62.6 feet of this work was completed in March.

The total advance for the month of March as reported by the operator (156.44 feet) is in accordance with the terms of the contract and is approved.

The mineral content of that part of the vein which was prospected during the month of March appeared to be average. The width of the vein in the 120-feet drift varied from 18 inches to 2 feet, but the vein exposed in the 150 level had pinched down to almost nothing. In the 0 level raise, the vein widened to a point about 35 feet above the level, then flattened and thinned.

CC W. H. King (Orig. & 6)
DMEA-2957
DF

WRHardwick:frj

At the top of the raise it was about 10 inches thick. At a point in this raise, 30 to 35 feet above the level, a small shoot of high-grade ore was observed by the operator and the raise was widened at this point. The ore did not persist and most of the high grade was removed in the widening operation.

When the property was visited by John Haynes of the Bureau of Mines on March 9, 1954, four samples were taken by him. The results of these samples were as follows:

Sample No.	Location and length of sample	Percent WO_3
1	"0" level raise, 40 ft. above level - 23"	0.34
2	0 level raise, 15 ft. above level - 22"	28.50
3	150-foot level, 66 ft. west of winze - 36"	1.00
4	120-foot level, 75 ft. east of winze - 26"	0.15

When the property was visited on April 22, 1954, Blensky stated that the mill was now complete and would start production immediately. Approximately 50 tons of ore had been milled and some concentrate had been made. Blensky stated that the preliminary test indicated that approximately 60 tons of ore per drift shift could be handled by the mill which will be placed into production at once.

The contract provides for Government participation in the costs to the amount of 75 percent of an agreed estimated cost of $30.00 per foot for both raise and drift. The total cost of the 156.44 feet, that were completed in March, was $4,693.20 and the Government's part was $3,519.90. It is recommended that the operator be paid this amount.

William R. Hardwick

William R. Hardwick, Mining Engineer
Mining Methods Branch
Mining Division, Region IV

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES
P. O. BOX 47
KINGMAN, ARIZONA

[illegible] RECEIVED [illegible] 1954

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

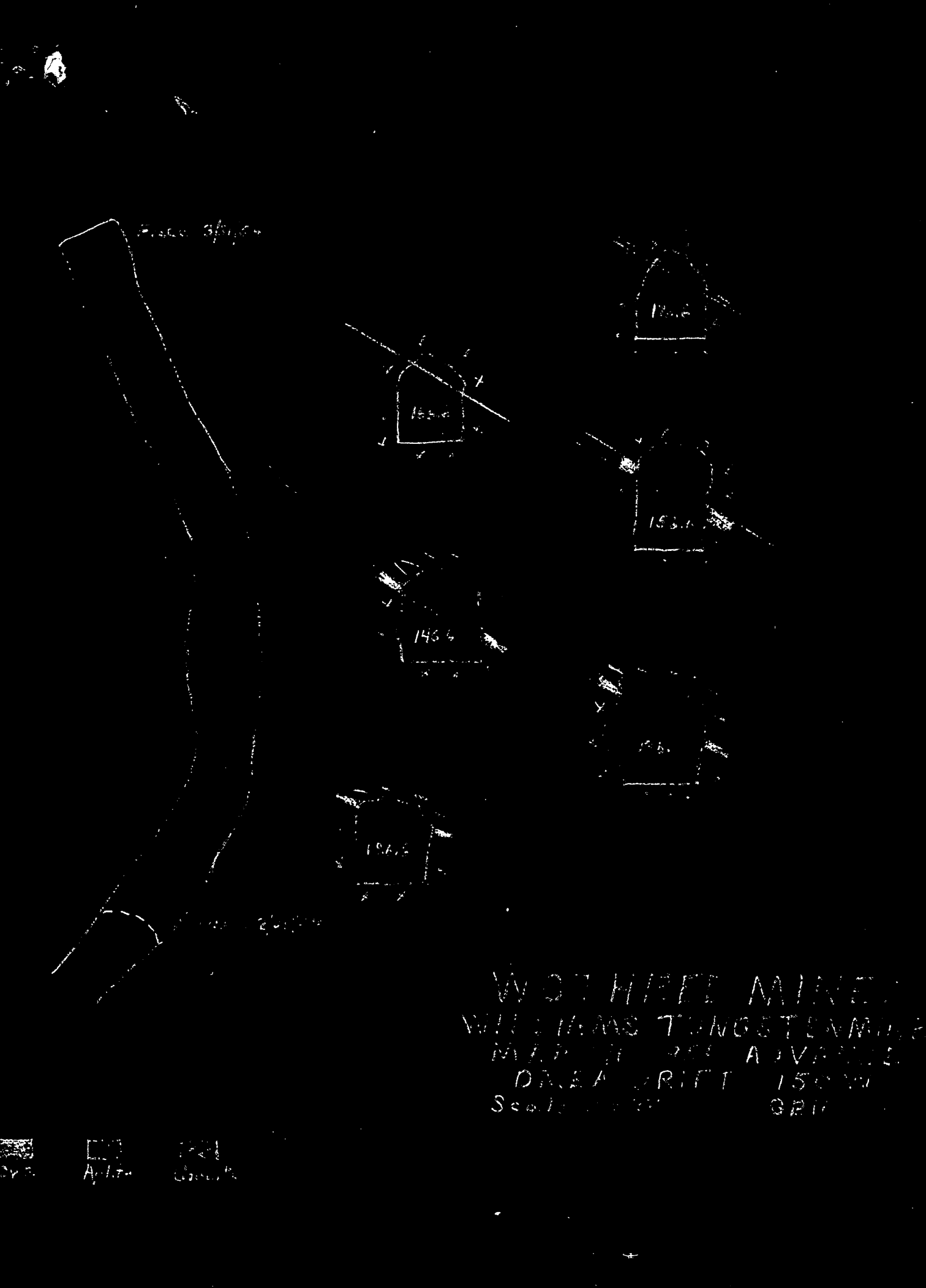
[illegible]

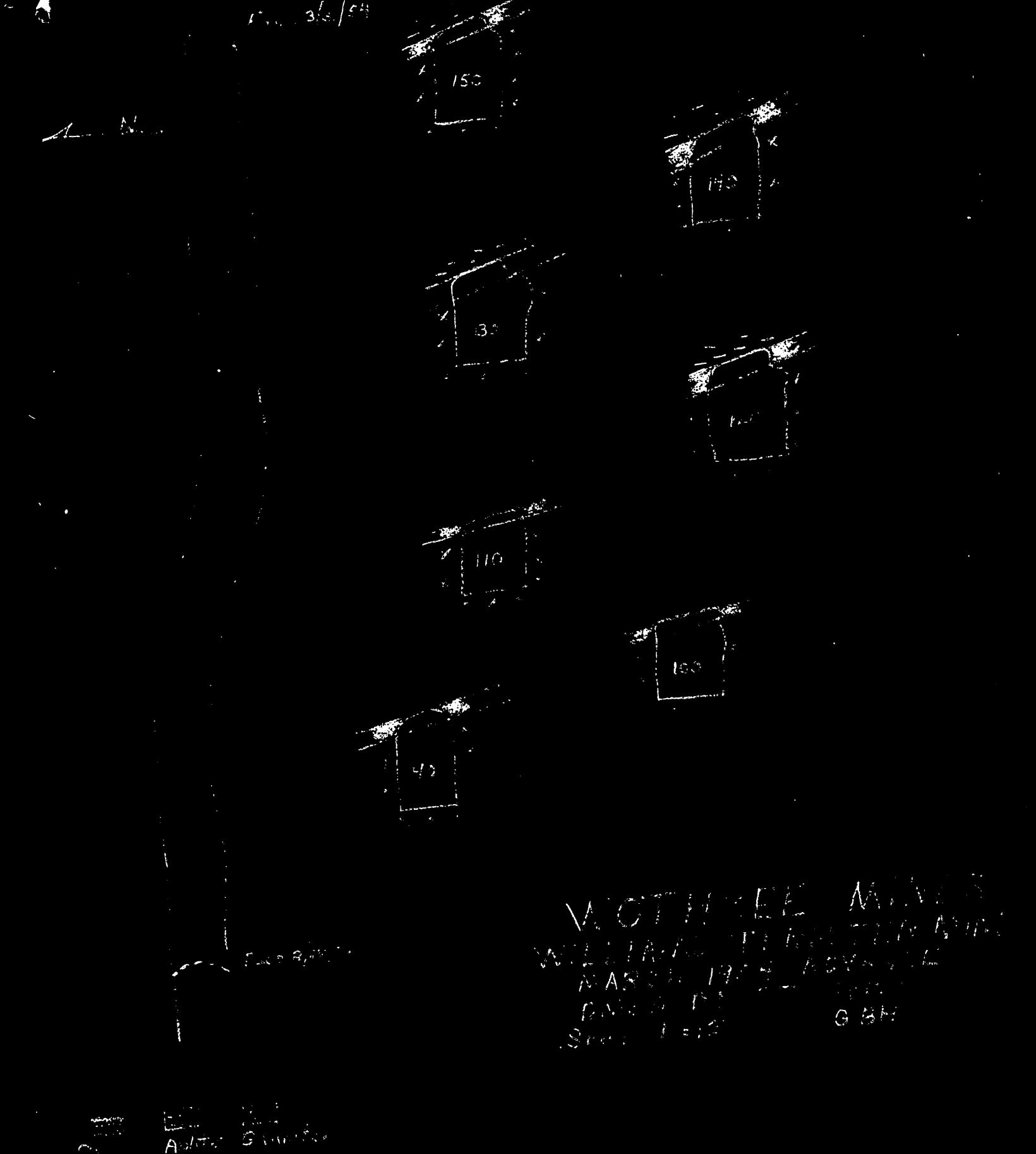
[illegible]

[illegible]

[illegible]

George B. Blonsky
[illegible]
General Manager.


WOLHIRE MINES
WILLIAMS TUNGSTEN MINE
DRAW DRIFT
Scale
GRID


150
110
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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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 0 1954

Month of February, 1954 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name Carl Hovgard, dba Nothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $ 33,000.00 Government Participation: 75 % Amount, $ 24,750.00

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) Development Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$2,232.00	$4,080.00	$6,312.00			
raising	$1,009.80	--------	$1,009.80			
(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	$3,241.80	$4,080.00	$7,321.80	3,241.80	4,080.00	7,321.80

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 3-14-54 *Payee Carl Hovgard dba Nothree Mines.
Per George B. Blonky Title General Manager

*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:

$2431.35

Signature [illegible]
(Authorized Certifying Officer)

Date 3/24/54 Vou. No. DMA 54-94

(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-E632 in accordance with the terms of the contract.

Signature John F. Haynes WEH Title Mining Engineer Date March 17, 1954

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

Signature John F. Shaw for W.H. King Title Executive Officer Date MAR 22 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
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 1954 Docket No. DMEA 2957 Contract No. Idm-2632

Operator's Name Carl Hovgard, dba Bothree Mines Minerals Tungsten

Address P.O. Box 42, Kingman, Arizona

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	$2,232.00	74.4	$6,312.00	210.4	$30.00	935	$30.00
Crosscutting								
Raising	feet	$1,009.80	33.66	1,009.80	33.66	$30.00	175	$30.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$3,241.80		$7,321.80				TOTAL COSTS AUTHORIZED BY CONTRACT
			108.06					
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
			108.06					
TOTAL COSTS		$3,241.80		$7,321.80				$33,000.00

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 March 14, '54 Operator Carl Hovgard dba Bothree Mines

Per George B. Blowky Title General Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

March 22, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard (Wothree Mines), Williams Tungsten Mine, Mohave County, Arizona. Operator's Monthly Progress Report for the period February 1954.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period. Also enclosed is a corrected map for the January 1954 report.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	March 14, 1954.
Date Received in Field Office	March 17, 1954.
Date Received in Region Office	March 19, 1954.

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

Enclosures

RDB:cwm

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

March 17, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : February 1954 Progress Report, Contract Idm-E632, Docket DMEA-2957, Carl Hovgard (Wothree Mines), Williams Tungsten Mine, Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;

(2) Operator's narrative report with map;

(3) Forms MF-104 and MF-104A.

Also enclosed are 2 extra copies of our engineer's report.

As all work is in accordance with the terms of the contract, I recommend that the Government's share of the of the costs be paid. In the future we will suggest to the operator that progress be measured in even feet, not in feet, tenths and hundredths as he has done. When our engineer visited the property, all headings had been advanced more than the operator reports for February, therefore we cannot state that the total of 108.06 feet for the month is incorrect. However, we will tell him to measure to an even foot in the future.

Walter R. Storms

Walter R. Storms

CC W. H. King (6)
DMEA-2957
DF

WRStorms:frj

March 17, 1954

Memorandum

To : Walter R. Storms, Chief, Mining Methods Br., Mining Div., Region IV, Tucson, Ariz.

From : John F. Haynes, Mining Engineer, Tucson, Arizona.

Subject : Progress Report for February 1954, Docket DMEA-2957, Contract Idm-E632, Carl Hovgard (Wethrea Mine), Williams Tungsten Mine, Mohave County, Arizona.

In accordance with your request the Williams Tungsten mine was visited on March 9, 1954. Gerald B. Hartley, the new general superintendent, accompanied the inspecting engineer and assisted with the measurement of the advance. As of the date of inspection, exploration drift F-1, 150-foot level, had been advanced to a point 137.1 feet east of the winze, and exploration drift F-2, 120-foot level, had been advanced to a point 101.5 feet west of the winze. These are net gains of 50.5 and 58.0 feet respectively over that reported by Blemsky for January 1954 and exceed the footage reported by the operator for February 1954. The raise from exploration drift F-3, "O" level, has been completed although reimbursement is requested only for the 33.66 feet completed during February. The remaining footage will be submitted in the March report.

The width of the vein has decreased in both of the exploration drifts from approximately two and a half feet to about eight inches. There is no apparent change in the visible wolframite content of the vein. Samples were taken in both drifts and in the raise from the "O" level but the results are not yet available. The width of the vein in the raise has remained constant although it is believed that the vein has split at a point 40 feet from the bottom of the raise. The operator intends to further explore the structure at that point at company expense.

No samples have been taken by the operator. However, he has promised to submit results of assays as soon as facilities are available at the mill for doing such work.

CC W. H. King (Orig. & 6)
DMEA-2957
DF

JFHaynes:frj

The 108.06 feet of drifting and raising which the operator reports for February are in accordance with the provisions of the contract and are approved. The contract provides for Government participation to the extent of 75 percent of the agreed estimated cost of $30.00 per foot of drift or raise. The total cost of the 108.06 feet of drifting and raising was $3,241.80 and the Government's agreed part is $2,431.35. It is recommended that the operator be paid this amount.

John F. Haynes

John F. Haynes, Mining Engineer
Mining Methods Branch
Mining Division, Region IV

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES

P. O. BOX 47
KINGMAN, ARIZONA

March 14, 1954.

NARRATIVE REPORT FOR THE MONTH OF FEBRUARY, 1954.

on work done on
Contract Idm-E632
Docket DMEA-2957
Williams Tungsten Mine
Mohave County, Arizona.

During February 1954 advances were made in the working places 120 E, 150 W and raise in "0" East drift.

The 120 East drift was advanced from 43.5' to 81.5' for a total of 38 feet. The vein approximates 2 feet in width and maintains a dip of about 25°. The hanging wall is aplite and the footwall granite.

The 150 West drift was advanced from 86.6' to 123.o' from the DMEA point in the incline for a total of 36.4 feet. The vein narrowed down to approximately 18" at this point. The hanging wall continues to be aplite and for the most part the footwall is granite.

The raise in "0" East was advanced from 0 to 33.66' for a total of 33.66'. Here the ore averaged 2 feet and showed considerable wolframite in places. The accompanying elevation shows the entire raise, which was completed early in March.

We are now building the laboratory and hope to have it completed in a few days, so as to maintain an assay map.

Work is progressing in both of the drifts at present with as much speed as we are able to maintain. We are handicapped because our 550 cfm compressor finally demanded a very serious overhaul and had to be taken to Las Vegas for this purpose. Meanwhile we are operating with a rented 210 cfm compressor.

For: CARL HOVGARD, dba Wothree Mines.

George B. Blonsky

George B. Blonsky.
General Manager.

May 17, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : January 1954 Progress Report, Contract Idm-E632, DMEA-2957, Williams Tungsten Mine, Mohave County, Ariz.

Enclosed are original and 4 copies of a letter from George B. Blonsky with corrected maps for the January progress report.

Walter R. Storms

Walter R. Storms

CC W. H. King (4)
DMEA-2957
DF

WRStorms:frj

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES
P. O. BOX 47
KINGMAN, ARIZONA

March 16, 1954.

WRB
3-17-54

Mr. Robert E. Chown, Chief
Mining Geologic Branch
Mining Division, Region IV
Bureau of Mines
Box 4007, University Station
Tucson, Arizona.

Re: Contract Ten-5388
Docket DMA-6087
Mohave County, Arizona.

Dear Mr. Chown,

Please find enclosed five blueprints of corrected progress diagrams concerning 280 West Drift, which belong with the January progress report.

The data originally sent was incorrect in the extent that the position heights were stated 40, 60 and 80 feet from a DMA point, which actually was 80.0' west of the main DMA point at the center of the inclined shaft, where the 280 West pulldown is operating now.

Now we have returned the structure to take care of this mistake and you will see that the main position, which used to be marked on the original map from notes 100' 80' and 60' from the DMA point are now marked 60.0', 40.0' and 80.0' from the DMA point. The main point was a detail plug in the center line of the inclined shaft and always should be referred to.

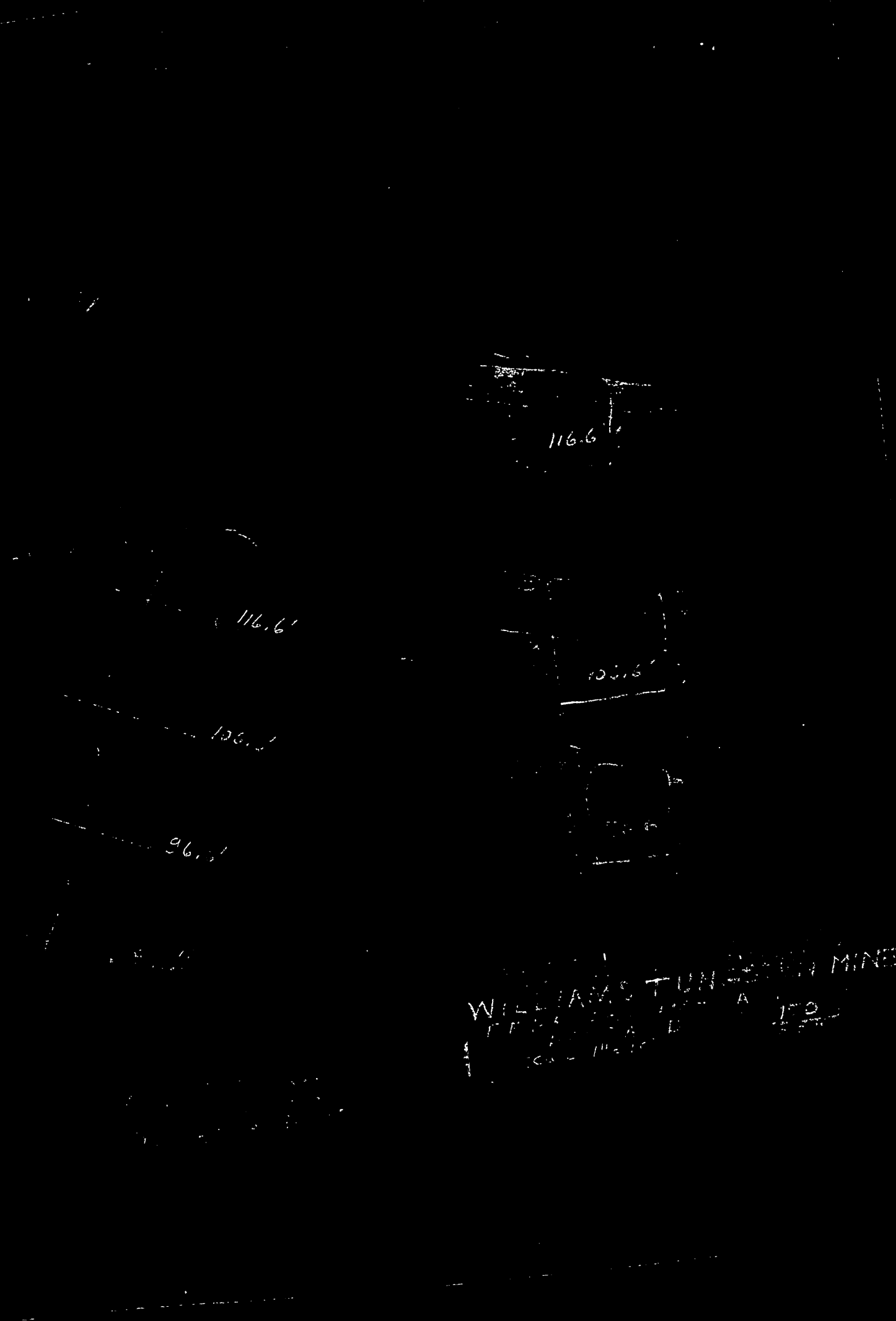
The correct footage of progress was reported correctly in the January report, as will be in the February progress report, which is transmitted to you under same cover.

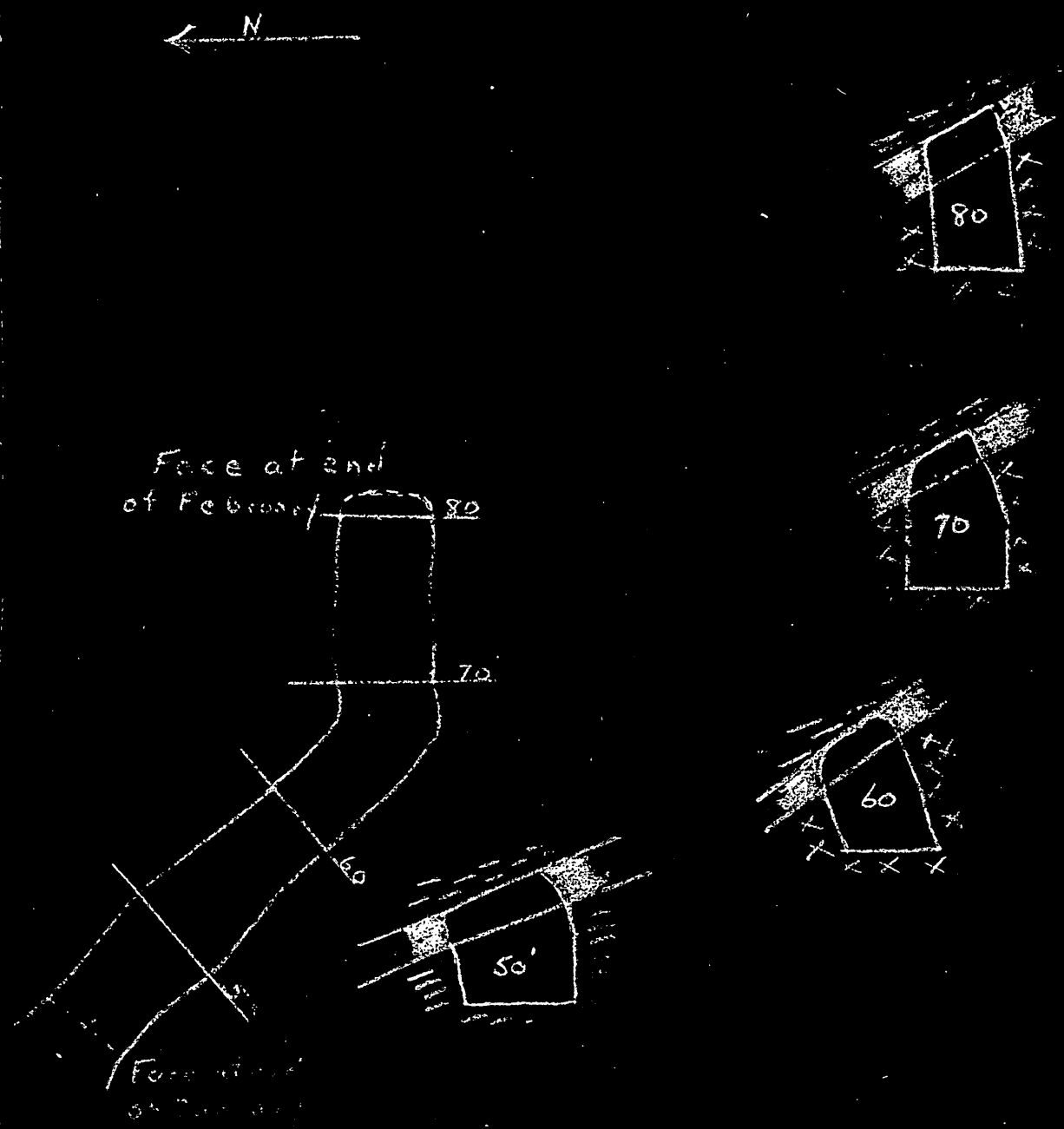
Yours very truly

WOTHREE MINES.

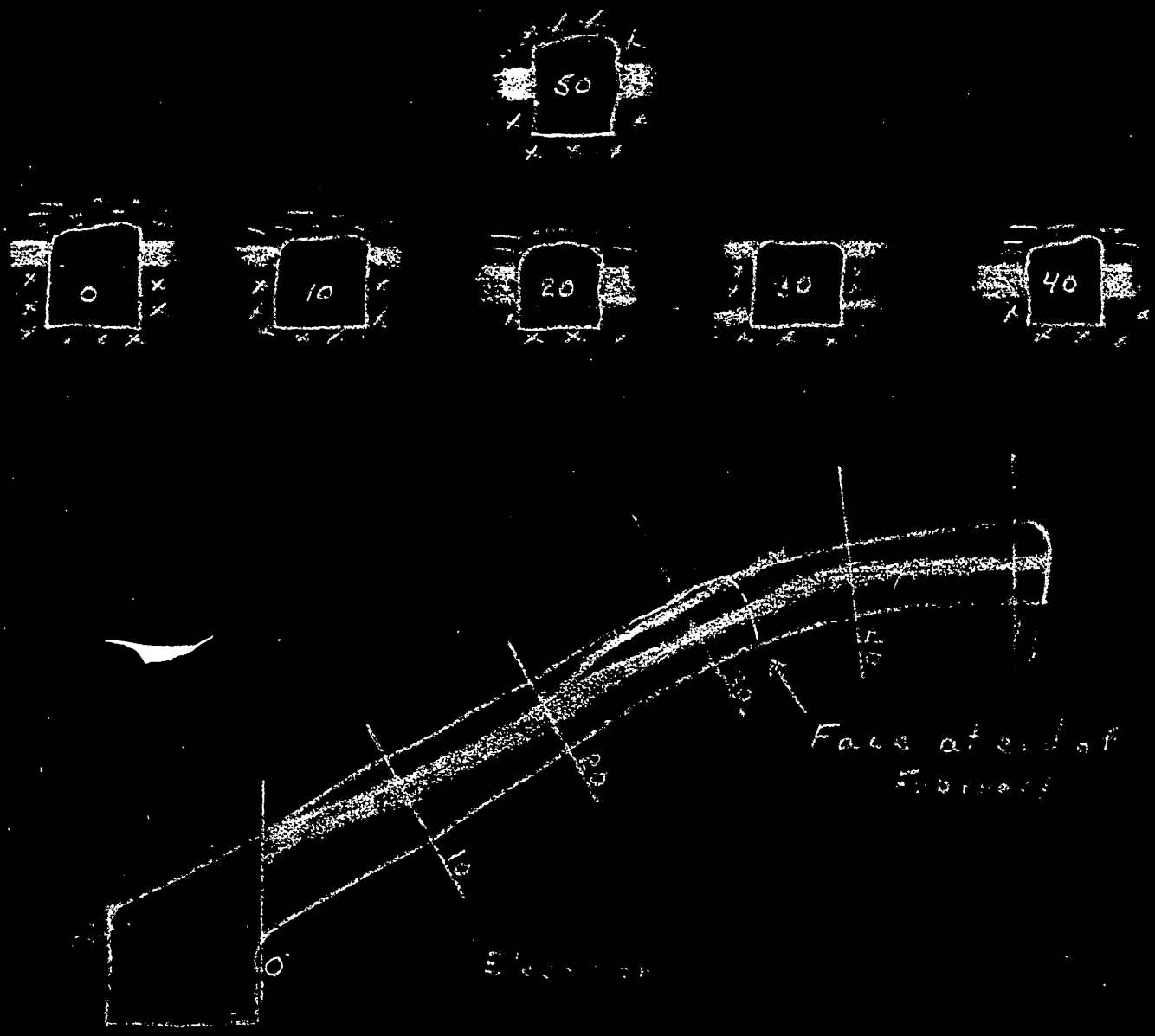
George B. Blonsky

George B. Blonsky.
General Manager.

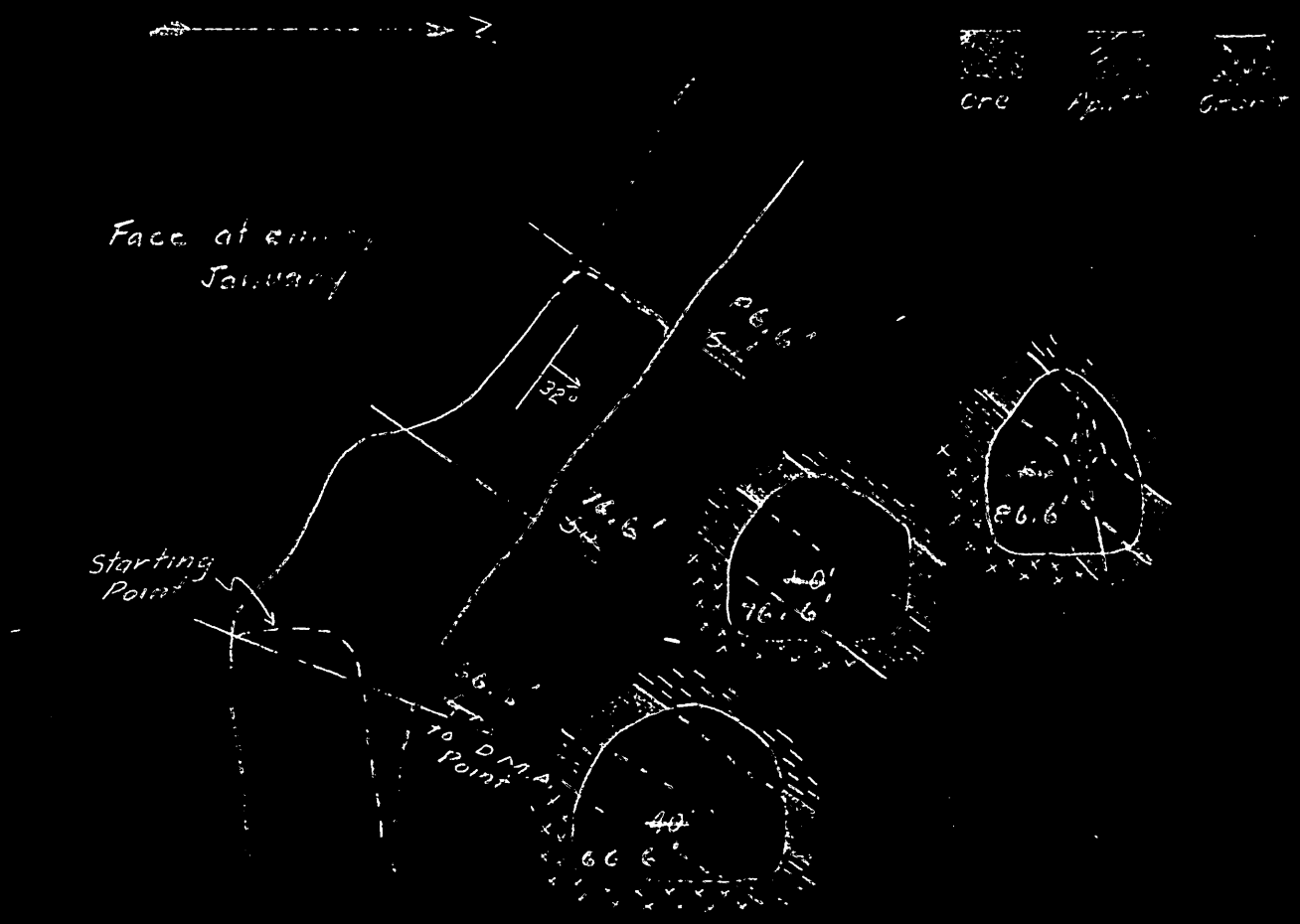

116.6
116.6'
96.



WOTHREE MINES
WILLIAMS TUNGSTEN MINE
FEBRUARY 1954 ADVANCE
DM&A DRIFT 180 E
SCALE 1" = 10'
GBH



WOTHREE MINES
WILLIAMS TUNGSTEN MINE
FEBRUARY 1954 ADVANCE
DMEA RAISE "O" EAST
scale 1"=10' GBN



WOTHREE MINES
WILLIAMS TUNGSTEN MINE
JANUARY, 1952 ADVANCE
D.M.A. Drift 150W
Scale 1in=8ft Drawn by R.M.S

NB: Correction of all cross Stations on origin of [illegible] take was made pointing stations [illegible] bottom [illegible]

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 195 4 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name Carl Hovgard, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona
Contract Amount, $ 33,000.00 Government Participation: 75 % Amount, $ 24,750.00

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	$1,080.00	$3,000.00	$4,080.00			
(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	$1,080.00	$3,000.00	$4,080.00	1080.00	3,000.00	4,080.00

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

Date Feb. 18th 1954 *Payee Carl Hovgard, dba Wothree Mines

Per George B. Blonsky Title General Manager

*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:

$ 810.00

Signature [illegible]
(Authorized Certifying Officer)

Date 3/2/54 Vou. No. DMA 54-86

(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-F632 in accordance with the terms of the contract.

Signature John F. Haynes WAH Title Mining Engineer Date February 23, 1954

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

Signature W. S. King Title Executive Officer Date FEB 26 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1954 Docket No. DMEA 2957 Contract No. Idm-E632

Operator's Name Carl Hovgard, dba Wothree Mines Minerals Tungsten

Address P.O. Box 47, Kingman, Arizona

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	$1,080.00	36	$4,080.00	136	$30.00	925	$30.00
Crosscutting								
Raising	Feet	-	-	-	-	-	175	$30.00
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1,080.00	36	$4,080.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1,080.00	36	$4,080.00				$33,000.00

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 Feb. 18th 1954 Operator Carl Hovgard, dba Wothree Mines

Per George B. Blonsky Title General Manager

REMARKS: Very poor performance this month, mainly on account of absence of mine foreman, who was sick the whole of January

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

February 26, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract Idm-E632, Carl Hovgard (Wothree Mines), Williams Tungsten Mine, Mohave County, Arizona. Operator's Monthly Progress Report for the period January 1954.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 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	February 18, 1954.
Date Received in Field Office	February 23, 1954.
Date Received in Region Office	February 25, 1954.

W. H. King

W. H. King

Enclosures

RDB:cwm

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

February 23 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : January Progress Report, Contract Idm-E632, Docket DMEA-2957, Carl Hovgard (Westhree Mines), Williams Tungsten Mine, Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;

(2) Operator's narrative report with 2 maps;

(3) Forms MF-104 and MF-104A.

Also enclosed are 2 extra copies of our engineer's report.

The operator's narrative report and Forms MF-104 and MF-104A were received on February 16. However, Forms MF-104 and MF-104A were sent back to the mine for correction and only recently were returned.

As all work is in accordance with the terms of the contract, I recommend that the Government's share of the costs be paid.

The company's Russian general manager, George B. Klomsky, seems to be somewhat opposed to DMEA and DMEA personnel, as explained by John F. Haynes, the Bureau of Mines representative, and also by Robert W. Ageton in his interim report of November 12. However, I believe this is more Klomsky's Russian temperament and doesn't mean too much.

Walter R. Storms

Walter R. Storms

CC W. H. King (6)
DMEA-2957
DF

WRStorms:frj

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES

P. O. BOX 448
KINGMAN, ARIZONA.

February 12, 1954.

NARRATIVE REPORT FOR THE MONTH OF JANUARY, 1954
on work done
Contract Ion - 2058
Docket DMA - 2067
Williams Tungsten Mine
Mohave County, Arizona.

During the previous month all drifting on the contract drift on the "0" level was completed. At the completion of this work the crews were moved to the incline to finish the preparatory work necessary to drive the DMA contract drifts on the 180E and 150W levels.

Actual drifting did not commence in either of the above drifts until the 20th of January, 1954. From this date, through the 31st of January, the two drifts made equal advances of 18 feet, for a monthly total of 36 feet. In addition, the Company performed some exploratory work on the "0" level to the West, apart from the D.M.A. contract drifting.

In the 180 East drift it was necessary to swing rapidly into the F.W., in order to bring the ore from the floor of the drift to the top. Ore and waste was broken separately at all times, and the vein held to a 3 foot width throughout. Wolframite was virtually present at all times, occurring with quartz, mica and pyrite. The sulphide content of the vein appears considerably above normal, but this is due to less advanced alteration in this particular zone.

In the 180 West drift the strike of the vein varied from S-80°-E to S-35°-E at the starting point of the contract. The vein varied in width from 2 feet to 3 feet with a mineralized gouge being present below the vein proper. Between 55 and 65 feet from the station (18 feet to 25 feet from starting point) a nearly vertical east-west fault cut across the drift. The maximum throw was only one foot on the vein, but the vein showed considerable oxidation and alteration, and a higher than normal amount of scheelite is indicated by ultraviolet light.

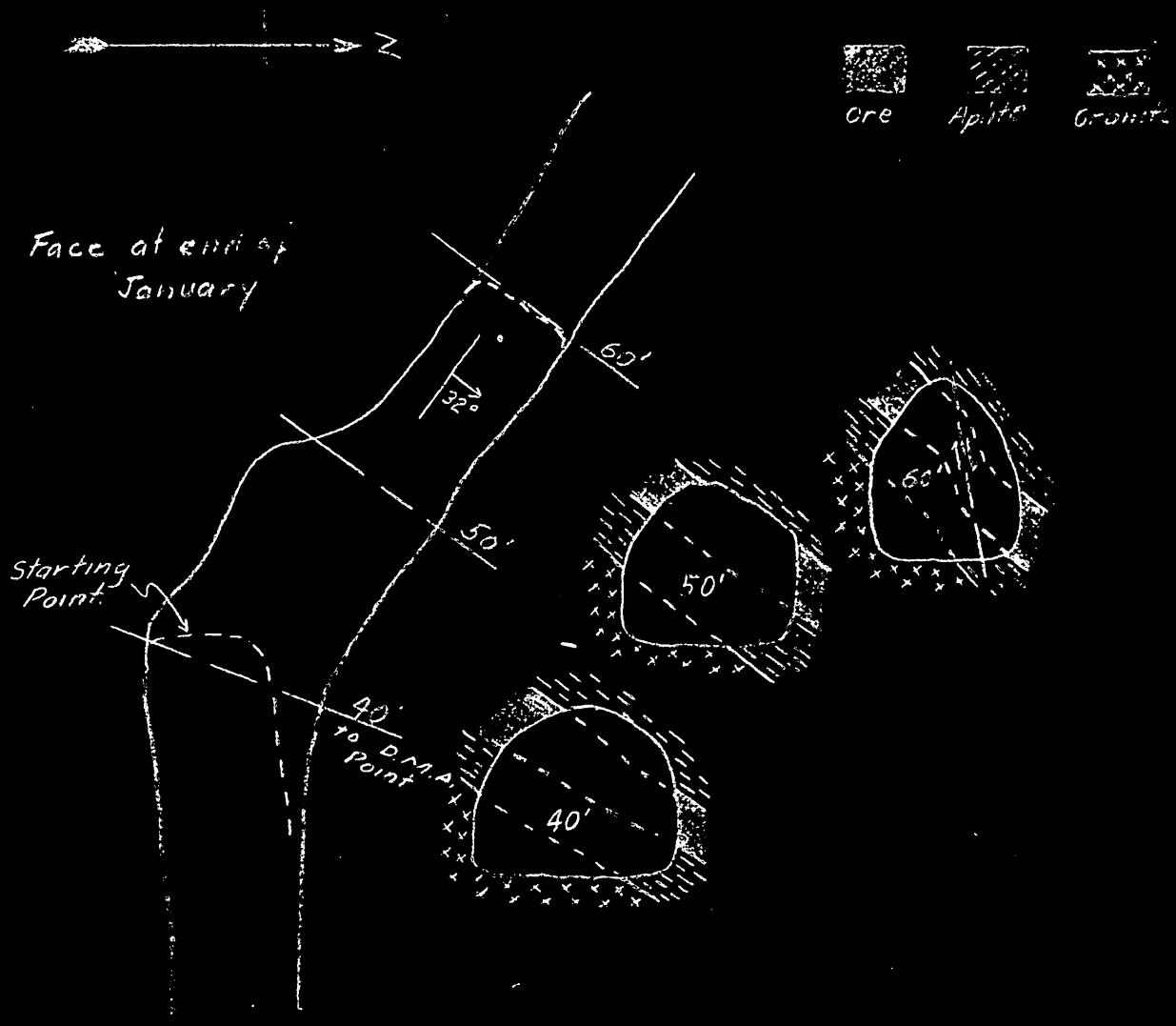
Our laboratory is not yet set up, so we are unable to submit an assay map. As soon as we are equipped to take care of this necessary item, we shall forward this information to you.

At present we have crews on two shifts on both drifts, and anticipate being able to get a round in each day in both drifts. Our advance in any case will be far higher than shown for the month of January. In addition we should like to run the exploratory raise in the completed "0" East drift at the earliest possible date.

For: CARL HOVGARD, dba WOTHREE MINES

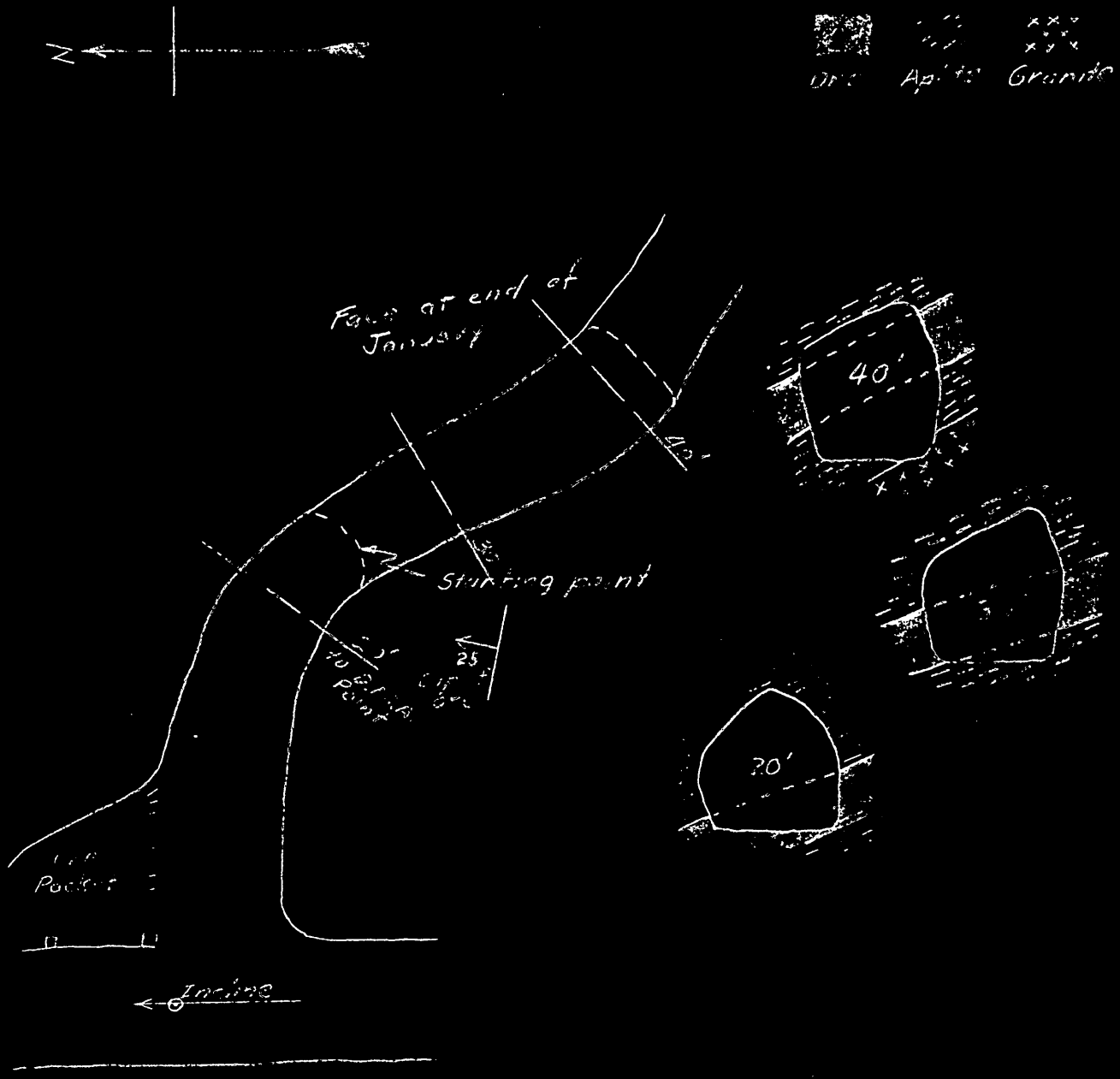
George B. Blonsky

George B. Blonsky.
General Manager.



WOTHREE MINES
WILLIAMS TUNGSTEN MINE
JANUARY, 1954 ADVANCE
D.M.A. Drift 150W

Scale: 1in.=8ft. Drawn by R.M.C.



WOLTHEIE MINES
WILLIAMS TUNGSTEN MINE
JANUARY 1954 ADVANCE
D.M.A. Drift 120 E.

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

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

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

Month of December, 1953 Docket No. DMEA 2957 Contract No. Idm-E632
Operator's Name Carl Hovgard, dba Wothree Mines Minerals Tungsten
Address P.O. Box 47, Kingman, Arizona.
Contract Amount, $ 33,000.00 Government Participation: 75 % Amount, $ 24,750.00

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) Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting 100 feet	$3,000.00	none	$3,000.00			
(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 100 ft.	$3,000.00	None	$3,000.00	$3,000.00	None	$3,000.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Jan. 13, '54 *Payee Carl Hovgard, dba Wothree Mines
Per George B. Blowsky Title General Manager

*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:
$2250.00

Signature
(Authorized Certifying Officer)
Date 2/2/54 Voucher No. DMA 54-77
(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. 1/2 E 632 in accordance with the terms of the contract.

Signature William P. Hardwick Title Mining Engineer Date 1/22/54

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

Signature C. H. King Title Executive Officer Date JAN 26 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1953 Docket No. DMEA 2957 Contract No. Idm-E632

Operator's Name Carl Hovgard, dba Bothree Mines, Minerals Tungsten

Address P.O. Box 47, Kingman, Arizona.

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	100'	3000.00	100'	$3000.00	100'	3000.00	923'	$30.00
Crosscutting							175'	$30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$3000.00	100'	$3000.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$ 3000.00	100'	$3000.00				$33,000.0

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 Jan. 13, '54 Operator Carl Hovgard dba Bothree Mines

Per George B. Blomky Title General Manager

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

January 26, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2957 (Tungsten), Contract No, Idm-E632, Carl Hovgard's Williams Tungsten Mine, Mohave County, Arizona. Operator's Monthly Progress Report for the period December 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 75 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	January 13, 1954.
Date Received in Field Office	January 18, 1954.
Date Received in Region Office	January 25, 1954.

W H King
W. H. King

Enclosures

RDB:cwm

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

January 22, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : November 16 - December 31, 1953 Progress Report, Contract Idm-E632, Docket DMEA-2957, Carl Hovgard's Williams Tungsten Mine, Mohave County, Ariz.

Enclosed in quintuplicate are the following:

(1) Bureau of Mines engineer's report;

(2) Operator's narrative report with map;

(3) Forms MF-104 and MF-104A.

Also enclosed are 2 extra copies of our engineer's report.

As all work is in accordance with the terms of the contract, I recommend that the Government's share of the costs be paid, if it is permissible for George B. Blonsky to sign the Forms MF-104 and MF-104A, instead of Carl Hovgard, with an address of Kingman, Ariz., instead of Abilene, Tex.

Walter R. Storms

Walter R. Storms

CC W. H. King (6)
DMEA-2957
DF

WRSTerms:frj

January 22, 1954

Memorandum

To : Walter R. Storms, Chief, Mining Methods Br., Mining Div., Region IV, Tucson, Ariz.

From : William R. Hardwick, Mining Engineer, Tucson, Ariz.

Subject : Progress Report Nov. 16 to Dec. 31, 1953, Docket DMEA-2957, Contract Idm-8532, Carl Hovgard's Williams tungsten mine, Mohave County, Arizona.

A narrative report, maps, and forms MF-104 and MF-104A were received in the Tucson office of the U. S. Bureau of Mines on January 18, 1954. The mine was visited on January 19, 1954 and the work reported on those forms was measured. Mr. Ralph M. Conrad, General Superintendent for the operator, assisted in measuring the progress.

Following the vein on the "O" level, the operator drove a drift 75.1 feet S. 80° E., then turned and drove S. 55° E. for 24.9 feet. This makes a total advance of 100 feet for the period.

The vein increased in thickness to a point 15 feet beyond the start, then thinned to a point 30 feet from the start, where it split into two parallel veins. This split continued to the end of the drift. The maximum thickness of the vein was 18 inches and the average thickness was approximately 10 inches. After the vein split, each part was very thin, probably averaging less than 2 inches in thickness.

No assays were available. Two samples were taken by the writer. The results will be reported when assays are received. The operator has also taken samples which he promises to report when his assay equipment is installed. The vein material contained wolframite crystals at several points. At a point 15 feet east of the starting point, wolframite crystals were most plentiful. Crystals of Apatite, quartz, and light colored mica also were evident.

The vein is so thin for the distance exposed on the "O" level that it is questionable whether any ore can be mined. The vein exposed on the 130 level is much thicker and there is some indication that the vein may widen above the "O" level. The

CC W. H. King (Orig. & 6)
DMEA-2957
DF

WRHardwick:frj

operator has requested permission to drive a 50-foot raise along the plane of the vein, starting at a point approximately 15 feet east of the starting point of the DMEA drift on the "O" level. This raise will determine whether or not the vein widens to a minable width above the "O" level at the point where tungsten minerals are evident. It is recommended that the operator be authorized in writing as provided in the contract to drive a raise at this point.

The following conditions should be incorporated in the authorization:

1. The raise must be in the vein or include the vein;

2. The raise must be sampled at 10-foot intervals and the width of the vein at the point sampled must be reported.

The 100 feet of drifting which the operator reports for the period are in accordance with the provisions of the contract and are approved. The contract provides for Government participation to the extent of 75 percent of an agreed estimated cost of $30.00 per foot of drift. The total cost of the 100 feet of drift was $3,000.00 and the Government's agreed part is $2,250.00. It is recommended that the operator be paid this amount.

William R. Hardwick

William R. Hardwick, Mining Engineer
Mining Methods Branch
Mining Division, Region IV.

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES

P. O. BOX 448
KINGMAN, ARIZONA.

January 13, 1954.

NARRATIVE REPORT ON WORK DONE DURING PART OF NOVEMBER
AND ALL OF DECEMBER 1953
on
Contract Idm - E632
Docket DMEA - 2957
Williams Tungsten Mine
Mohave County, Arizona.

Starting points on the above Government Contract, issued to Mr. Carl Hovgard, were established by Mr.R. W. Ageton, engineer for the D.M.E.A., on November 9th and 10th, 1953. Work commenced underground on November 16, 1953, but considerable preparatory work was necessary, before the exploratory drifting under the "Exploration Project Contract" could commence. Pipe lines have been installed, ore pockets cut, track repaired, and a slusher slide installed in the inclined winze.

Actual work under the contract commenced in the easterly drift on the "0" level on November 30, 1953. The drift was slabbed on the H.W. side to bring the vein into view and then drifted on, holding the vein in the drift. By year's end, December 31, 1953, the 100 ft. of drifting in this area under contract had been completed.

The area drifted through on the "0" level showed considerable movement. At 40 feet from the cross-cut the strike of the vein curved from S-35°-E to S-80°E within 15 feet on the strike. At 60 feet from the cross-cut,the aplite in which the ore normally occurs,pinched out and the vein continued with a 25° dip and S-80°-E ~~strike~~ strike in granite. At 110 feet from the cross-cut the strike varied from S-80°-E to S-60°-E and two definite veins are present. At this point burn cuts were put in both the H.W. and F.W. to check structure. No aplite was encountered on either side, but additional mineralization showed in the F.W. The accompanying sketches and cross-sections will clarify the above brief description of the geology encountered.

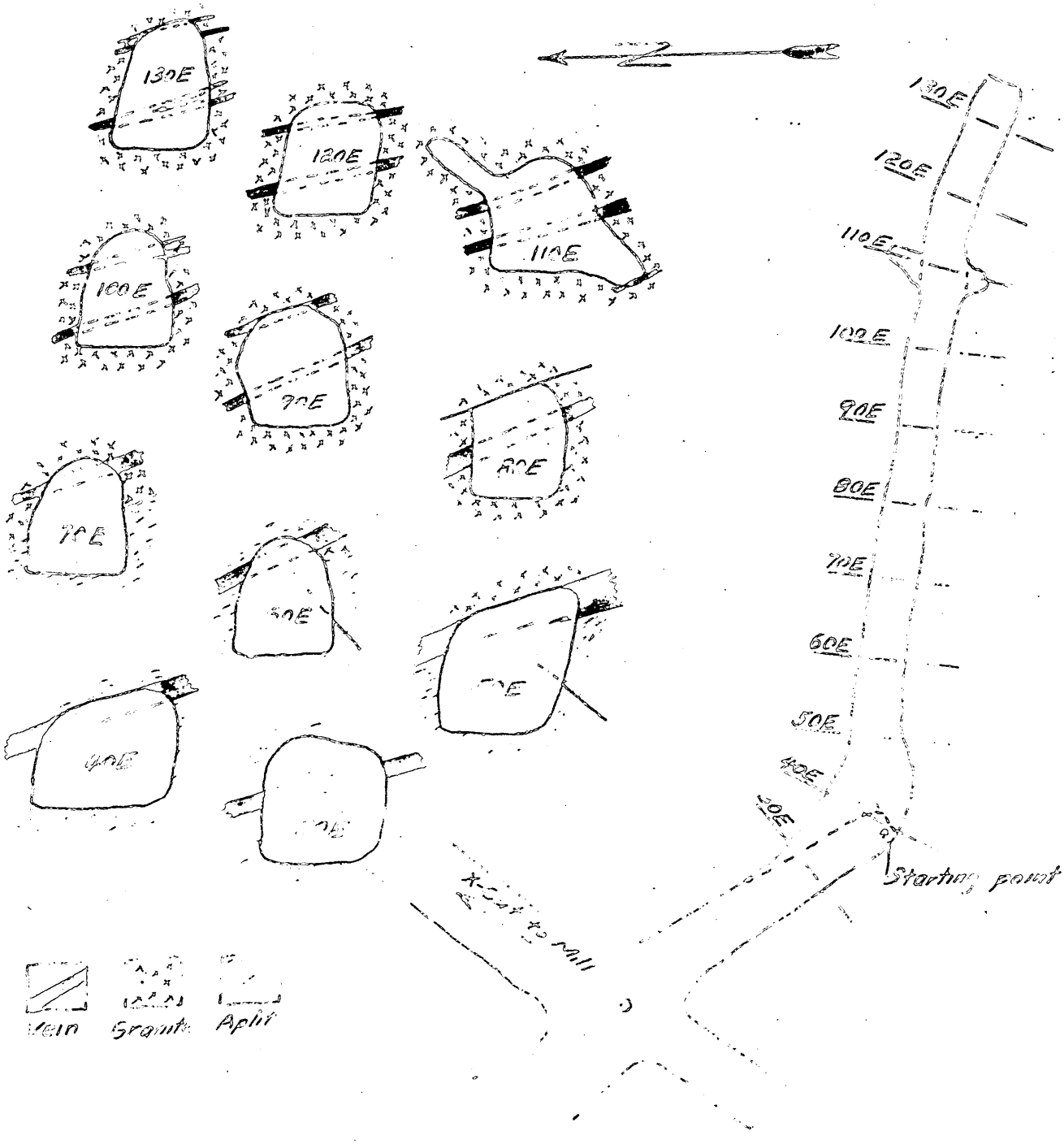
Our laboratory has not been set up to date, hence assays are not available. Wolframite has been visually present at all times however, and extremely high grade stringers have been present in the vein in some areas.

Work has commenced in the "120" level drift easterly, but no advance was recorded up to December 31, 1953. On the "150" level to the west drifting should begin in mid-January. No raises have been started to date, awaiting Government approval of proposed locations.

For: CARL HOVGARD, dba WOTHREE MINES

George B. Blonsky

George B. Blonsky.
General Manager.



"O" Level - Drift East

Williams Tungsten Mine - [illegible]

Kingman, Arizona

Scale: Plan [illegible]

[illegible]

NOV 16 1964

Mr. Carl Hovgard
c/o Mr. Norman D. FitzGerald
Box 5046
Abilene, Texas

Re: IDRA-2937 (Tungsten)
Carl Hovgard
Williams Tungsten Mine
(Lethren Mine)
Mohave County, Arizona
Contract Idr-2632

Dear Mr. Hovgard:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development dated August 9, 1956, all minerals mined or produced from October 30, 1953, to October 30, 1964, were subject to the Government's royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

George Fumich, Jr.

Acting Director

MHarrithew/mm
11/16/64
cc: Director's Reading File
✓CA&A Division
Region III w/cy of incoming Form 63 dated 10/30/64
Docket
Code 120M

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

To: Mr. Carl Hovgard
1141 Butternut Street
Abilene, Texas

Pursuant to the provisions of Exploration Project Contract No. Idm-2632, executed October 30, 1953 (Docket No. DMEA-2957), as amended, hereinafter called the "Contract", between Carl Hovgard and the United States of America, hereinafter called the "Government", to establish and fix the Government's percentage royalty on production and its lien therefor and on the land described in the contract, the Government considers and therefore certifies that a discovery or development from which production may be made has resulted from the exploration.

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

Drifting, crosscutting, raising, and shaft sinking have indicated a minable tonnage of tungsten ore occurring as wolframite and hubnerite in pegmatitic quartz veins in aplite and granite.

THE UNITED STATES OF AMERICA

Dated: AUG 9 - 1956

By C. P. Mitteendorf
Administrator, Defense Minerals Exploration Administration

cc: Docket
Code 110
Code 400
Code 800
Adm. Read. File
Oper. Committee
R. W. Geehan, USBM
R. W. Holliday, USBM
T. Killsgaard, USGS

cc: FT, Region 3
Finance Officer
Norman D. Fitzgerald
Joseph B. Rice, Jr.
F. Leroy Foster
George B. Blonsky
Clarence A. Fredell

SPHolt/ls
7/23/56

Code 800

AUG - 5 1958

Mr. [illegible] Hovgard
1141 Butternut Street
Abilene, Texas

Re: Docket No. DMEA-2957, Tungsten
Williams Tungsten Mine
(Westhree Mine)
Mohave County, Arizona
Contract No. Idm-2632

Dear Mr. Hovgard:

Transmitted herewith is a certification of discovery or development issued under the subject contract which was executed October 30, 1953.

By the terms of the Exploration Project Contract, as amended, and of the certification, all production from the lands described in the referenced contract from October 30, 1953, the date of the contract, is subject to the Government's percentage royalty as set forth in the contract until the sum of $23,456.25 is paid or until October 30, 1964, whichever occurs first.

You should continue making royalty payments, as you have been doing, to Mr. W. M. Traver, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse Building, Denver 2, Colorado. Checks should be made to the Defense Minerals Exploration Administration. The purchaser should be advised to deduct royalties from the amount due on each shipment and forward check direct to the Executive Officer. Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets, showing quantity and grade of the products sold, the name of the purchaser, and the price and charge certified to be correct by the purchaser.

You are requested to notify Mr. Traver of any changes in ownership or production rights that might have any effect on the Government's right to its percentage

royalty. Also, if production ceases at any time for any extended period, please notify Mr. Traver at 6-month intervals that no production has been made, when that is the case.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

cc: Docket
Code 110
Code 400
Code 800
Adm. Read. File
Oper. Committee
R. W. Geehan, USBM
R. W. Holliday, USBM
T. Kiilsgaard, USGS
Field Team, Region 3
Norman D. FitzGerald
F. Leroy Foster
George B. Blonsky
Clarence A. Fredell, EPS, GSA

SFHolt/ls
7/23/56

Mr. Clarence A. Fredell
Acting Director, Materials Division
Emergency Procurement Service
General Services Administration
Washington 25, D. C.

Re: Docket No. DMEA-2957, Tungsten
Carl Hovgard
Williams Tungsten Mine
(Wothree Mine)
Mohave County, Arizona
Contract No. Idm-5632

Dear Mr. Fredell:

Enclosed is a copy of a certification of discovery or development for the above-subject contract.

Contract No. Idm-5632 for the exploration of the Williams (Wothree) mine tungsten deposits was executed October 30, 1953. Expenditures up to $33,000.00 were authorized by the contract, of which the Government's share at 75% was $24,875.00. The cost of the work completed was $31,275.00, of which the Government's share at 75% was $23,456.25.

The object of the exploration program was to test the possible tungsten occurrences along pegmatitic quartz veins in granite. The program employed drifting, crosscutting, and winze sinking to explore the veins. The contract allowed $33,000.00 for driving 940 feet of drifts and crosscuts, 60 feet of raise, and 50 feet of winze.

Work completed comprised 882.5 feet of drift and crosscut, 60 feet of raise, and 50 feet of winze.

Tungsten ore discovered by project work was estimated by the Field Team as approximately 6,200 tons of indicated ore, average assay about 0.25% WO_3.

Sincerely yours,

G. O. Mittendorf

Administrator

Enclosure

cc: Docket
Code 400

cc: R. W. Geehan, USBM
R. W. Halliday, USBM
T. Killsgaard, USGS
Code 800

cc:
Adm. Read. File
Oper. Committee
Field Team, Reg. 3
Code 110

SPHolt/ls
7/24/56

Mr. George B. Blonsky
P. O. Box 448
Kingman, Arizona

Re: Docket No. DMEA-2957, Tungsten
Carl Hovgard
Williams Tungsten Mine
(Mothree Mine)
Mohave County, Arizona
Contract No. Idm-E632

Dear Mr. Blonsky:

Transmitted herewith for your information is a copy of the certification of discovery or development issued as a result of the exploration program under the above-referenced contract. The property as set forth in the contract was leased, with option to purchase, by the estate of Edward G. Williams, deceased, to George B. Blonsky, under a certain indenture executed February 2, 1951; transferred by George B. Blonsky to Norman D. FitzGerald under a certain indenture executed December 2, 1952; and transferred by Norman D. FitzGerald to Carl Hovgard under a certain indenture dated April 30, 1953. The same property was also referred to in Consents to Lien executed September 22, September 29, September 29, and September 30, 1953, by Norman D. FitzGerald, Joseph B. Rice, Jr., George B. Blonsky, and F. Leroy Foster, respectively.

Also enclosed is a copy of a letter to Mr. Carl Hovgard.

Sincerely yours,

G. O. Mittendorf

Administrator

SPHolt/ls
7/23/56

Enclosures
cc: Docket
Code 400
Code 110
Code 800
Admin. Read. File

cc: R. W. Geehan, USBM
R. W. Holliday, USBM
T. Kiilsgaard, USGS
Field Team, Region 3
Operating Committee

Mr. Norman D. FitzGerald
1141 Butternut Street
Abilene, Texas

Re: Docket No. DMEA-2957, Tungsten
Carl Hovgard
Williams Tungsten Mine
(Wethree Mine)
Mohave County, Arizona
Contract No. Idm-8632

Dear Mr. FitzGerald:

Transmitted herewith for your information is a copy of the certification of discovery or development issued as a result of the exploration program under the above-referenced contract. The property as set forth in the contract was leased, with option to purchase, by the estate of Edward G. Williams, deceased, to George B. Blonsky, under a certain indenture executed February 2, 1951; transferred by George B. Blonsky to Norman D. FitzGerald under a certain indenture executed December 2, 1952; and transferred by Norman D. FitzGerald to Carl Hovgard under a certain indenture dated April 30, 1953. The same property was also referred to in Consents to Lien executed September 22, September 29, September 29, and September 30, 1953, by Norman D. FitzGerald, Joseph B. Rice, Jr., George B. Blonsky, and F. Leroy Foster, respectively.

Also enclosed is a copy of a letter to Mr. Carl Hovgard.

Sincerely yours,

B. O. Mittendorf

Administrator

Enclosures

cc: Docket
Code 400
Code 110
Code 800
Oper. Committee
Adm. Read. File
R. W. Geehan, USBM

cc: R. W. Holliday, USBM
Thor Killsgaard, USGS
Field Team, Region 3

SPHolt/ls
7/23/56

. W. M. Traver, Executive Officer
EA Field Team, Region III
24 New Custom House
Denver 2, Colorado

Re: Docket No. DMEA-2957, Tungsten
Carl Hovgard
Williams Tungsten Mine
(Wothree Mine)
Mohave County, Arizona
Contract No. Idm-2632

Dear Mr. Traver:

Enclosed are copies of a certification of discovery or development for the above-referenced property, and of related correspondence.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Enclosures

APPROVED:

FRANK D. LAMB
Member, Bureau of Mines

N. E. Nelson
Member, Geological Survey

cc: Docket
Code 400
Oper. Committee
Adm. Read. File
Thor Killagaard, USGS
R. W. Holliday, USBM
FT, Region 3
Code 110
Code 800

SPHolt/la
7/23/56

Government's Copy

RECEIVED
SEP - 6 1955

EXPLORATION PROJECT CONTRACT
CARL HOVGARD
DOCKET NO. DMEA-2957

AMENDMENT NO. 4

It is agreed this 12th day of August, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Carl Hovgard, that Exploration Project Contract No. IDM-E632 (Docket No. DMEA-2957), dated October 30, 1953, as amended, is further amended, effective April 11, 1955, as follows:

1. In Amendment No. 3:

(a) In Paragraph 1(a), substitute the period "not later than September 1, 1955" for the period "not later than June 1, 1955."

(b) In paragraph 2, substitute the date "October 30, 1955" for the date "September 1, 1955."

(c) In paragraph 3(a), substitute the date "September 1, 1955" for the date "June 1, 1955."

2. The maximum period for royalty payments and lien to secure the payment thereof, provided for in the contract, is increased to "eleven years."

3. Exhibit "A" is amended as follows:

(a) Prior to February 1, 1955, the following work had been performed:

780.5 feet of drifting
Raising 60 feet, and sinking a winze 50 feet.

In lieu of performing the remaining drifting and raising described in Exhibit "A", the following crosscutting and drifting shall be performed:

From the face of the "Old Timers Crosscut" on the 200 foot level, continue the crosscut on an approximate course of N. 50° E., to intersect the "West Outcrop or Upper Vein," and drift upon the vein in the direction of better mineralization. This work shall not exceed an aggregate of 159.5 feet of crosscutting and drifting. See Figure 1, attached hereto and made a part hereof, for outline of work.

(b) The estimated costs of the project are revised to read as follows:

AGREED UNIT COSTS

Work completed prior to February 1, 1955:

Drifting 780.5 feet @ $30/ft.	$23,415.00	
Raising 60 feet @ $30/ft.	1,800.00	
Sinking winze, 50 feet @ $60/ft.	3,000.00	
		$28,215.00

Work to be completed:

Crosscut and drift 159.5 feet @ $30.00/ft.	$ 4,785.00	
		$ 4,785.00

Estimated total cost of the project	$33,000.00
Government participation @ 75%	$24,750.00

* * * * * * * * * * *

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, nor the agreed unit cost of any item of work.

Executed in sextuplicate the day and year first above written.

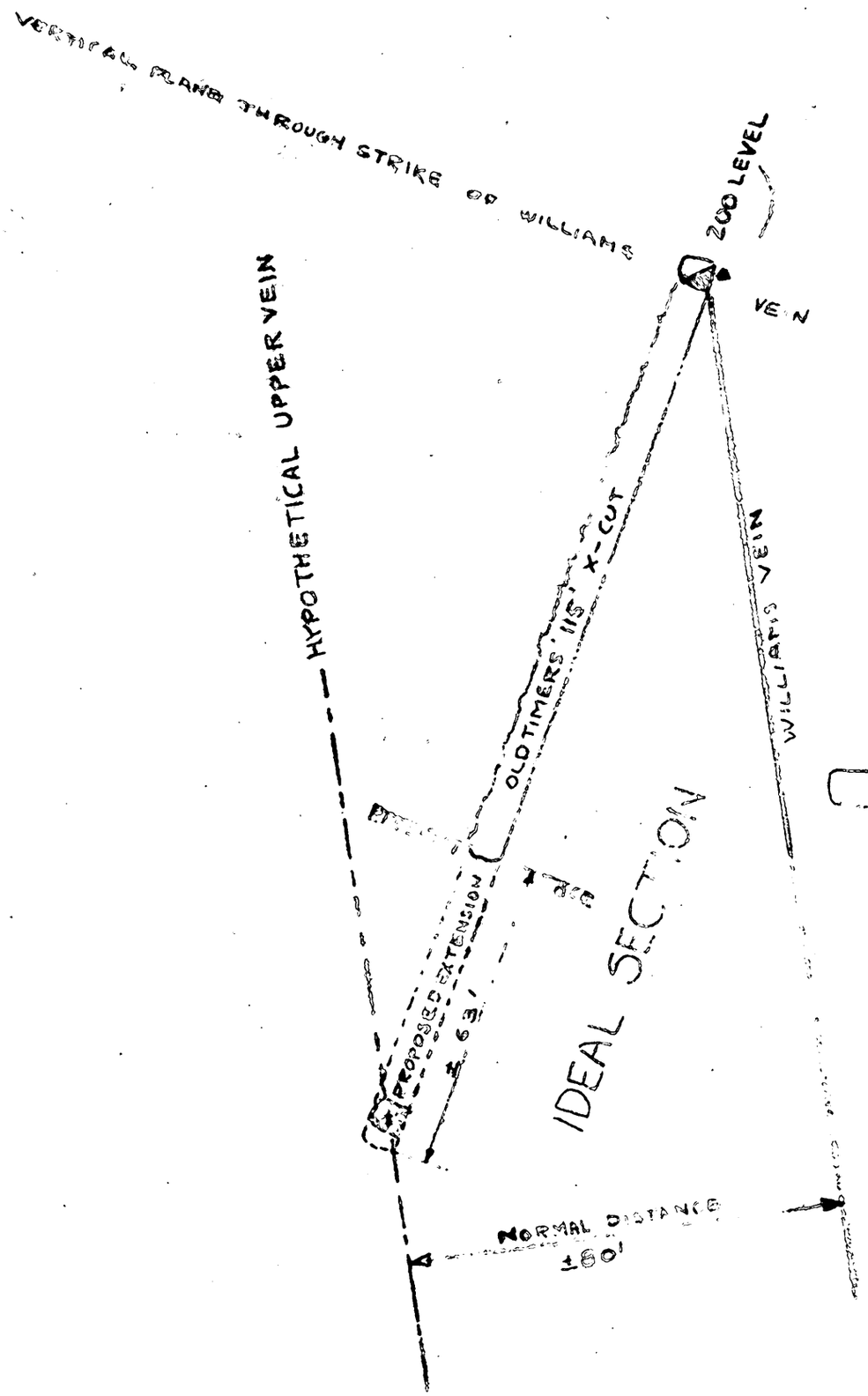
for CARL HOVGARD

George B. Blonny

THE UNITED STATES OF AMERICA

By C. O. Mitkeudorf

Administrator, Defense Minerals Exploration Administration



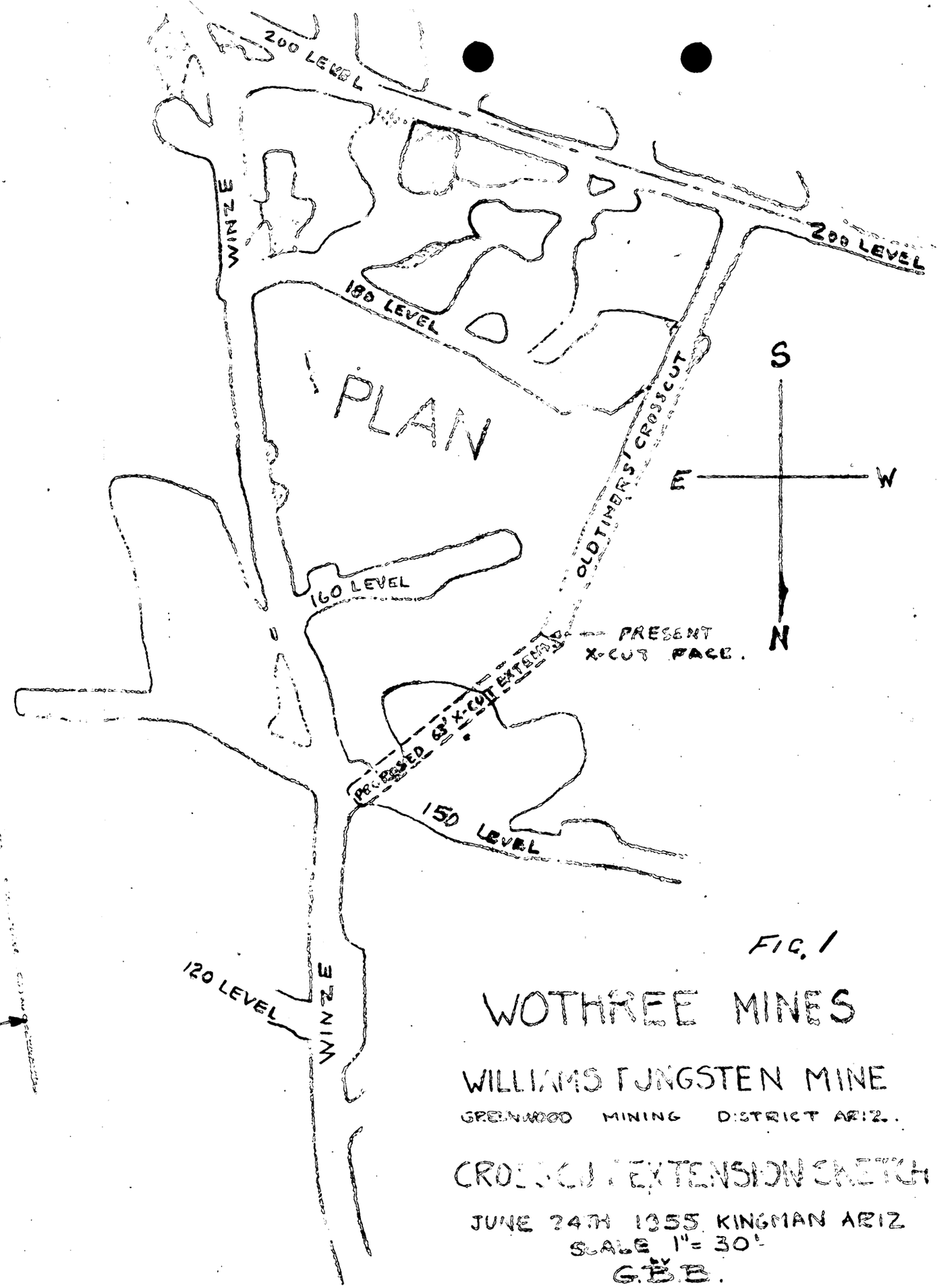


FIG. 1

WOTHREE MINES

WILLIAMS TUNGSTEN MINE

GREENWOOD MINING DISTRICT ARIZ.

CROSSCUT EXTENSION SKETCH

JUNE 24TH 1955 KINGMAN ARIZ

SCALE 1" = 30'

G.E.B.

Government's Copy

SUSPENSION-TERMINATION AGREEMENT
CARL HOVGARD
DOCKET NO. DMEA-2957

AMENDMENT NO. 3

It is agreed this 11th day of April, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Carl Hovgard, hereinafter called the "Operator," parties to that certain Exploration Project Contract No. Idm-E632, (Docket No. DMEA-2957), dated October 30, 1953, as amended, hereinafter called the "Contract," that:

1. (a) Work under the Contract shall be suspended during the period beginning February 1, 1955, and ending not later than June 1, 1955.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government, and the Government shall not contribute to any costs of rehabilitation or repair which, in its opinion, would not have occurred if there had been no suspension of the work.

(c) The Operator at his own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work and any property in which the Government has an interest.

2. The time fixed for the completion of the work is further extended to September 1, 1955.

3. It is of the essence of this Contract that the work be resumed before the termination of the period here fixed for suspension; and if it is not so resumed in the manner required by the Contract, the following provisions shall thereupon become effective:

(a) Effective June 1, 1955, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

(b) The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

(c) The total net amount contributed by the Government shall be repayable in the form of a percentage royalty on any minerals mined or produced from the land referred to in Article 2 of the Contract, in the manner and amount provided in Annex III to Amendment No. 2, for a period of eleven years from the date of the Contract or until the total net amount contributed by the Government is repaid, a certification of discovery or development being hereby waived.

(d) The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of the Contract, except as otherwise provided in this Amendment No. 3.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By C O Mittendorf
Administrator, Defense Minerals
Exploration Administration

for
CARL HOVGARD

George B. Blowsky

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES

P. O. BOX 448
KINGMAN, ARIZONA.

DMEA
Data Recd
JUN 3 1955
BUREAU OF MINES
Denver

May 30, 1955.

Mr. W. M. Traver, Executive Officer, DMEA
Field Team, Region III
224 New Customhouse
Denver 2, Colorado.

Re: Docket DMEA 2957 (Tungsten)
Contract Idm-E632, Carl Howard
Mohave County, Arizona.

Dear Mr. Traver,

I have your letter of May 20, which reached me only yesterday. We are located 75 miles by dirtroad from the nearest postoffice and at present are receiving our mail only once a week when we go to town for it ourselves.

I regret not having returned the signed Suspension-Termination Agreement immediately upon its receipt by end of April. At that time we were consulting our principals as to the advisability of further exploration and arranging for an outside consulting engineer to give us an unprejudiced opinion on our property. We were delaying signing the Suspension-Termination Agreement, because we knew that the work autorized on the old contract was no more desirable, and the consultant's opinion and reaction to it by our principals was not yet available.

Please find enclosed the signed contract.

We would appreciate if DMEA would give favorable consideration to our request for further extension and for authorization of crosscutting and drifting on 200 level, as described in my letter of May 18th.

Yours very truly

WOTHREE MINES.

George B. Blonsky

George B. Blonsky.
General Manager.

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

224 New Customhouse
Denver 2, Colorado

June 8, 1955

AIRMAIL

Mr. George E. Blonsky
General Manager
Wothres Mines
Post Office Box 448
Kingman, Arizona

Re: Docket DMEA 2957 (Tungsten)
Contract 16m-2632
Carl Hovgard
Mohave County, Arizona

Dear Mr. Blonsky:

Reference is made to your letters of May 18 and May 30, 1955, relative to approval of work elsewhere on the property in lieu of performing the balance of work presently authorized under the contract.

Please submit your request in sextuplicate, complete in detail, to Mr. W. R. Storms, U. S. Bureau of Mines, P. O. Box 4097, University Station, Tucson, 5, Arizona. The details must include a map or maps showing the proposed work in relation to the property lines, an estimate of the cost of performing the work, an estimate of the time required to complete the work, and any other data pertinent to the matter which will be of assistance to the examining team in evaluating the proposal.

Very truly yours,

W. M. TRAVER

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

JWT:jp
cc Subject
Chron
Harshman
Storms
Faick
Chairman, Op. Comm. (3)
Townsend

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

224 New Customhouse
Denver 2, Colorado

June 8, 1955

Memorandum

To: H. R. Storms
J. H. Faick

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 2957 (Tungsten), Contract Idm-E632, Carl Hayward, Mohave County, Arizona

Enclosed is the following material relative to future operations under the subject contract:

1. Copy of the operator's letter of May 30, 1955.

2. Copy of letter to Blonsky from this office dated June 5, 1955.

A copy of Blonsky's letter of May 18, 1955 was forwarded to you as attachment to a copy of our letter to the operator dated May 20, 1955.

When the operator's request is received please give the matter your prompt attention and submit a joint memorandum report of your recommendations.

W. M. TRAVER

W. M. Traver

Enclosures

JWT:jp
cc Subject
Chron
Harshman
Townsend
Chairman, Op. Comm. (3)

Government's copy

EXPLORATION PROJECT CONTRACT
CARL HOVGARD
DOCKET NO. DMEA-2957

AMENDMENT NO. 2

It is agreed this 4th day of October, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Carl Hovgard, that Exploration Project Contract No. Idm-E632 (Docket No. DMEA-2957), dated October 30, 1953, as amended, is further amended, effective October 30, 1953, as follows:

1. (a) Work under the Contract shall be suspended during the period beginning June 1, 1954, and ending not later than October 1, 1954.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government, and the Government shall not contribute to any costs of rehabilitation or repair which, in its opinion, would not have occurred if there had been no suspension of the work.

(c) The Operator at his own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work and any property in which the Government has an interest.

2. The time fixed for the completion of the work is extended to January 30, 1955.

3. Amendment No. 1 is cancelled.

4. Annex III, attached hereto and made a part hereof, is substituted for Article 6 of the Contract as amended by Annex II attached thereto.

5. Exhibit "A" is amended to read as follows:

EXHIBIT "A"

Description of the Work

(a) On the 150-foot level, drift on the vein in a westerly direction for a distance of 472.5 feet from the main winze.

(b) On the 120-foot level, drift on the vein in an easterly direction for a distance of 302.5 feet from the main winze.

(c) On the 0-foot level, drift 100 feet southeasterly along the vein to explore what is believed to be the main vein.

(d) From the southeast drift on the 0-foot level, raise 50 feet.

(e) From a point below the raise referred to in (d) above, sink a 50-foot winze from the 0-foot level.

(f) From the west drift on the 150-foot level, raise 50 feet at a location selected by the Operator but subject to the prior written approval of the Government.

(g) Raise 25 feet from near the bottom of the inclined winze as indicated on the attached maps entitled "Figure 1 - Geology of Part of Zero Level," and "Figure 2 - Section Facing Westerly Thru Lower Part of Winze."

The location of the above work is substantially indicated on the attached map entitled "Figure 3 - Map of the Williams Tungsten Mine - Mohave County, Arizona," attached hereto and made a part hereof. The location, direction and extent of all work are subject to the approval of the Government.

All work shall be timbered as necessary. The drifts shall be not less than 4½ feet by 6 feet in cross section in the clear of timber; the raises shall be not less than 4 feet by 6 feet in cross section in the clear of timber; and the winzes shall be not less than 4 feet by 6 feet in cross section in the clear of timber.

<u>Agreed Unit Costs</u>

Drift 875 feet @ $30.00/ft. $26,250.00

Raise 125 feet @ $30.00/ft.	$ 3,750.00	
Sink 50 feet of winze @ $60.00/ft.	3,000.00	
Estimated Total Cost of Project		$33,000.00
Government Participation @ 75%		$24,750.00

* * * * *

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, nor the agreed unit cost of any item of work.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. Mitteedory
Administrator, Defense Minerals
Exploration Administration

for

CARL HOVGARD

By George B. Blountz
General Manager
As per power of attorney
granted Febr 24 - 1957.

EXPLORATION PROJECT CONTRACT
CARL HOVGARD
DOCKET NO. DMEA-2957

OCT 18 1954

ANNEX III

The following provisions are in lieu of Article 6 :

Repayment by Operator.--a. Certification.--If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Royalty on production.--The Operator, as principal, if the Operator is the producer, or as surety, if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land,* as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

c. Basis for computation.--The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight paid by the buyer to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the

* The "land" refers to the land described in Article 2 of the contract.

Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the raw ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

d. Unsold production.--If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

e. Percentages of royalty.--The percentages of the Government's royalty shall be as follows:

> One and one-half ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.
>
> (For instance: the royalty on an amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

f. Lien for payment.--To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

g. Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

h. No obligation to produce.--Nothing in this contract is 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.

i. Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

58694

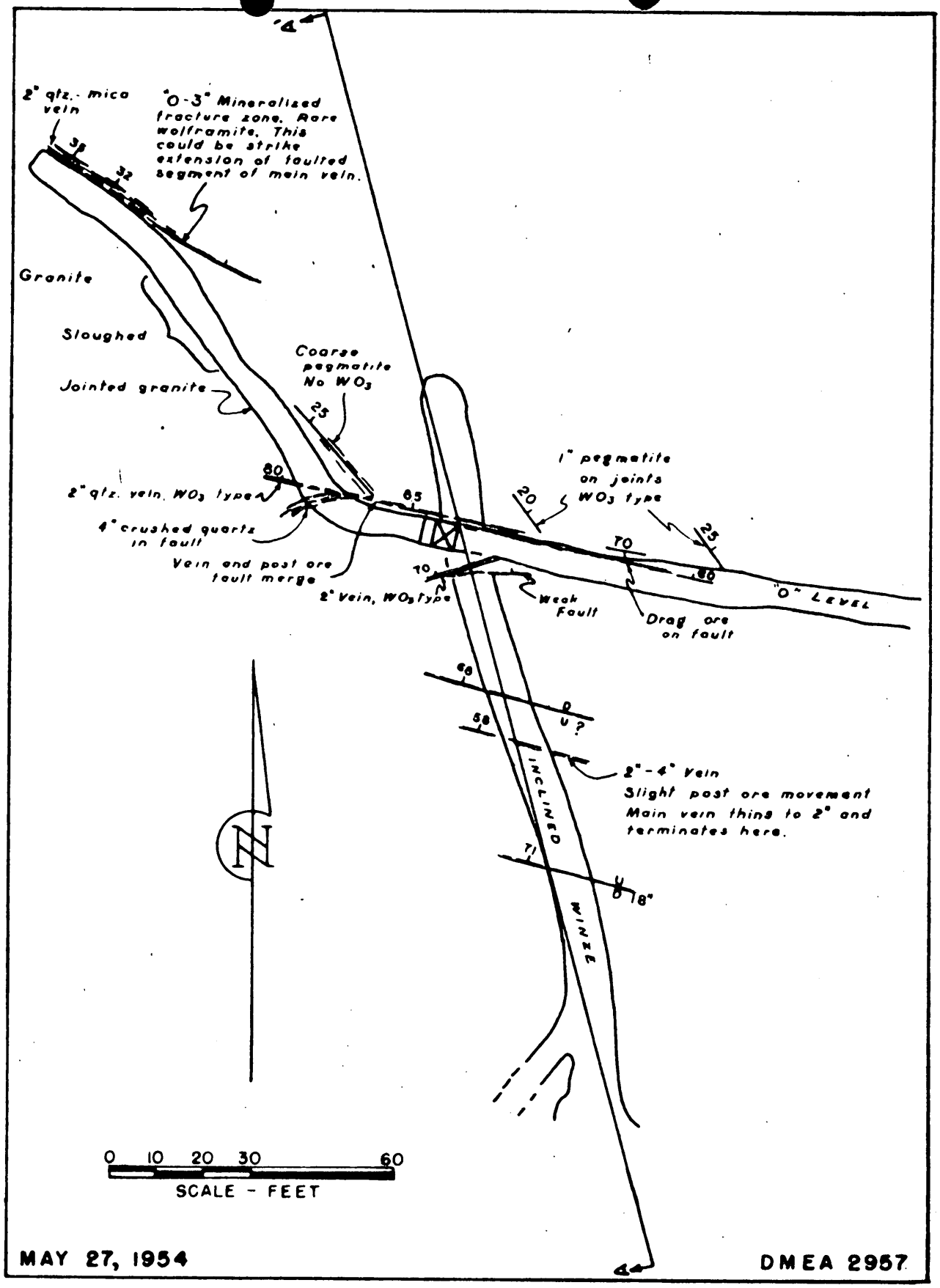


FIGURE 1. - GEOLOGY OF PART OF ZERO LEVEL
WOTHREE (WILLIAMS) TUNGSTEN MINE MOHAVE COUNTY, ARIZONA

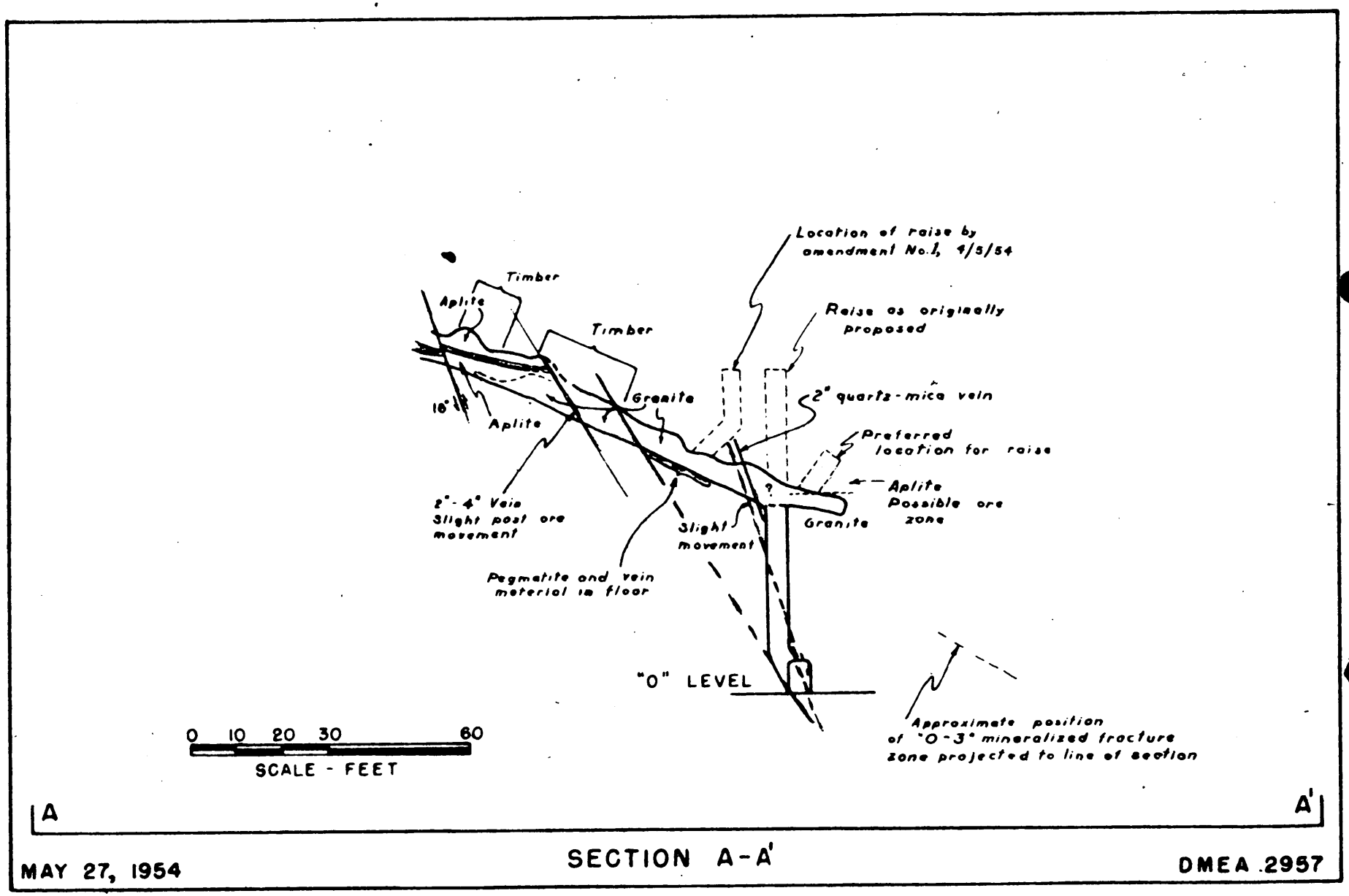


FIGURE 2. - SECTION FACING WESTERLY THRU LOWER PART OF WINZE

WOTHREE (WILLIAMS) TUNGSTEN MINE MOHAVE COUNTY, ARIZONA

Department of the Interior
Defense Minerals Administration
Region
APR - 7 1954

No. 1

AMENDMENT OF CONTRACT: No. Idm-E632

Contract Docket No. DMEA 2957, dated October 30, 1953, between the United States of America and Carl Hovgard is hereby amended as follows, effective as of the date of said contract:

Referring to "Article 3. Exploration project" of Exploration Project Contract Form MF-200(A) (February 1952) following the words "and shall bring the project to completion within a period of", delete "6 months" and in lieu thereof substitute "nine (9) months".

Referring to Exhibit "A" attached to Exploration Project Contract Form MF-200(A) (February 1952), caption "Description of the Work", delete the sentence "Raise 1 is to be extended vertically from the bottom of the inclined winze for 25 feet to attempt to find the main vein north of the fault" and in lieu thereof substitute the following:

Raise 1 is to be started approximately 18 feet up the inclined winze from the grizzley and driven at an angle of 45 degrees from the horizontal until well away from the winze, then turned vertically for a total of 25 feet of raise, in an attempt to find the main vein north of the fault.

Further referring to said Exhibit "A", caption "Estimated Costs of the Project", fourth line, following the words "Raise 1, from", delete the words "bottom of".

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum".

Dated APR 5 1954

UNITED STATES OF AMERICA

Carl Hovgard

Carl Hovgard - Operator

By W H King

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

March 19, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : Request for Amendment, DMEA Contract Idm-E632, Docket DMEA-2957, Williams Tungsten Mine, Mohave County, Ariz.

Enclosed in sextuplicate is a request from George B. Blonsky, general manager of Wothree Mines for an amendment to DMEA Exploration Project Contract No. Idm-E632 to extend the contract termination date by three months, or to extend the time under Article 3 of the contract from 6 to 9 months.

As this will not increase the total costs of the contract and as Blonsky reports that several factors beyond his control have slowed down the contract work, I recommend that the time to complete the contract work be extended to 9 months.

Walter R. Storms

Walter R. Storms

CC W. H. King (5)
A. F. Shride
DMEA-2957
DF

WRStorms:frj

NORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES

P. O. BOX 47
KINGMAN, ARIZONA

March 17, 1954.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 8 1954

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse
Denver 2, Colo.

Re: Contract Idm-E632
Docket DMEA-2957
Williams Tungsten Mine
Mohave County.

Dear Mr. King,

Our exploration work at Williams Tungsten Mine so far has met with several considerable difficulties and we have lost much time due to several factors beyond our control.

Our roads were completely demolished twice. At the present writing, on March 17, we have a severe snowstorm with several inches of snow and the prospect of no roads for another week or so. Our mucking machine gave us considerable trouble and spare parts were slow in coming. When this matter was taken care of, our 550 cfm Chicago Pneumatic compressor developed a knock in the crankshaft and had to be taken for a thorough overhaul to Las Vegas, Nevada, where it will be until late this week. Therefore we are forced to operate with the only available rental unit, a 210 cfm gas compressor. On January 1 our good mine foreman, Mr. John Putnam, developed a sore knee and was on the verge of returning to work for six weeks. When finally he did so, he had to go back to Kingman the next day because an operation on the same knee became necessary. Due to the specifications of the contract, requiring full exposure of the vein in the drift and the necessity of saving the valuable ore, we are forced to do double shooting for every five feet of advance. This slows down the progress very considerably and besides demoralized the crew, who, after having failed to make money on contract basis, went on a deliberate program of slow-down.

In view of the above facts we are hereby requesting a little amendment of the contract to extend the duration of same by three months; we have discussed this matter with the field engineers and they believe that our request is reasonable and that we should approach you in this connection.

We have now reorganized our crew; the mucking machine has been completely rehabilitated with new parts; an additional slusher hoist, cable and bucket were acquired and as soon as the 550 cfm compressor returns by March 20, we expect to be able to start going full blast ahead.

Yours truly

WOTHREE MINES

George B. Blonsky

George B. Blonsky.
General Manager,

March 19, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : Request for Amendment to DMEA Contract Idm-E632, Docket DMEA-2957, Carl Hovgard (Wethree Mines), WilliamsTungsten Mine, Mohave County, Ariz.

Enclosed in sextuplicate is a request from George D. Blemsky, general manager of Wethree Mines, for an amendment to DMEA Exploration Project Contract No. Idm-E632, so the position and direction of Raise 1 as described under Exhibit "A" of the contract may be slightly changed.

The contract states under Exhibit "A", Description of the Work: "Raise 1 is to be extended vertically from the bottom of the inclined winze for 25 feet to attempt to find the main vein north of the fault". As explained by Blemsky, and as described to me by John F. Haynes, Bureau of Mines Mining engineer who recently visited the Williams mine and discussed this problem with Blemsky, it would be much better if Raise 1 could be started some 15 or 20 feet up the winze from the grizzley, driven at an angle of 45 degrees until well away from the winze, then turned vertically. The total vertical distance from back of winze to top of raise should not be over 25 feet, no matter what the total length of the raise is.

We told Blemsky that if the contract said "Vertical", it meant vertical, so he should ask for an amendment if he wanted to drive Raise 1 otherwise.

Walter R. Storms

Walter R. Storms

CC W. H. King (5)
A. F. Shride
DMEA-2957
DF

WRStorms:frj

ORMAN D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES

P. O. BOX 47
KINGMAN, ARIZONA

Ma rch 17, 1954.

PROPERTY OF THE NATIONAL
Defense Minerals Administration
RECEIVED
MAR 18 1954

Mr. W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse
Denver 2, Colo.

Raise R-1
Re: Contract Idm-E632
Docket DMEA-2957
Williams Tungsten Mine
Mohave County, Arizona.

Dear Mr. King,

We are about ready to start putting up a short raise near the bottom of our winze. This raise was authorized in the original contract to be driven about 25' from the bottom of the winze. We understood the location "at the bottom of the winze" as being a somewhat loose indication and always intended to have this raise driven a little above our orepocket and grizzly, which are nearto, but not at the very end of the winze.

The driving of the raise at the very bottom of the winze would mean the necessity of suspending all other operations and removing the slusher hoist, which is located between the pokket in the raise and the bottom of the winze. As this is most impractical we request to amend our contract slightly as follows:

The raise near the lower end of the winze is to be driven from a point 15 to 20 feet a bove the grizzly and is to be cut for a few feet on a 25 degree incline and then vertically to reach a total vertical height above the roof of the winze of about 25 feet.

As the field engineers of D.M.E.A. well know, this raise is intended to explore the ground a bove the winze as there is a considerable probability that the ore is displaced in that direction by a fault cutting off the ore in the lower part of the winze.

Yours very truly

WOTHREE MINES.

George B. Blonsky

George B .Blonsky
General Manager.

I, Carl Hovgard, of 292 Madison Ave., New York, New York do hereby nominate, constitute and appoint George B. Blonsky, presently General Manager of Wothree Mines, P. O. Box 448, Kingman, Arizona, as my attorney to act in my place and stead under Contract No. Idm-E632 which I now have with the United States of America Department of the Interior, Defense Minerals Exploration Administration. The said George B. Blonsky shall have the power to do anything under the said contract which I might do were I to act personally in the same and shall have the power to negotiate or renegotiate subject to his sole judgment any of the terms or conditions of said contract with any of the other parties thereto. I hereby ratify any acts the said George B. Blonsky may perform under the said contract acting as my said attorney.

This power of attorney shall continue until one year from the date hereof unless the same shall sooner be revoked by me.

Carl Hovgard

Dated February 24, 1954

STATE OF NEW YORK)
) ss.:
COUNTY OF NEW YORK)

On the 24th day of February, 1954 before me personally appeared Carl Hovgard to me known and known to me to be the person who executed the above Power of Attorney and he acknowledged to me that he had executed the same.

Charles E. Elting
Notary Public
State of New York

CHARLES E. ELTING
Notary Public, State of New York
No. 60-6180150
Qualified in Westchester County
Term expires March 30, 1954

February 11, 1954.

Carl Hovgard
1141 Butternut Street
Abilene, Texas

Operator under Contract No. Idm-E632, Docket No. DMEA-2957

Consistent with the stipulations contained under the caption "Description of the Work" in Exhibit "A" attached to Exploration Project Contract Form MF-200(A), Contract No. Idm-E632, you are hereby authorized to drive a raise, not to exceed 50 feet in height, from the "0" level at a point approximately 15 feet southeasterly from the starting point of the "0" level drift driven under the DMEA contract.

W. H. King
W. H. King
DMEA Field Team, Region IV

A. H. Koschmann
A. H. Koschmann
DMEA Field Team, Region IV

February 4, 1954

Memorandum

To : W. H. King, Chief, Mining Division, Region IV

From : Chief, Mining Methods Br., Mining Div., Region IV

Subject : Contract Idm-1532, Docket RGLA-2937, Williams Tungsten Mine, Mohave County, Ariz.

In regard to your memorandum of January 25, concerning one raise from the "Q" level of the Williams mine under Contract Idm-1532, we wrote to Blonsky, the mine manager, on January 27 and asked him to submit a formal request for this raise, as provided for in the contract. Enclosed are original and 5 copies of such a request.

The operator wants to drive a raise from the "Q" level, starting at a point about 15 feet east or southeast of the original starting point of drift work under the contract. According to Exhibit "A" of the contract, this raise will be limited to not more than 50 feet.

W. R. Hardwick and I recommend that the operator be given permission to drive this raise in order to more fully explore the mineralized vein material as uncovered on the "Q" level. Hardwick's original recommendation was contained in his progress report, dated January 22, for the period November 16 to December 31, 1953, at the top of page 2.

Walter R. Storms

WALTER R. STORMS

CC W. H. King (5)
RGLA-2937
MF

WRStorms:frj

D. FITZGERALD
OWNER

GEORGE B. BLONSKY
GENERAL MANAGER

WOTHREE MINES
P. O. BOX 448
KINGMAN, ARIZONA.

February 1, 1956.

Dr. V.E. Hag, Executive Officer
DMA Field Term, Region IV
226 New Customhouse
Denver 2, Colo.

Re: Contract Ice-2058
Docket DMA-2057
Williams Tungsten
Mine
Mohave County,
Arizona.

Dear Dr. Hag,

The following is our formal request for permission to drive a raise above the "0" Foot drift at a point 15' from the spot at which the face of the drift was when the work on the Government financed exploration began in this drift.

We have explained to Dr. V. E. Hartwick our reasons for starting this work as soon as possible at this particular point. This place is the most likely to be the central point of the ore opened in our old "0" drift and the extension of work done under the present Government exploration contract.

As all the ore and waste mineable in the levels above "0" level have to go through one and the same main pocket at the bottom of the mine, the exploration program in the upper levels, producing considerable quantities of waste, will get in the way of our mining ore for the mill, which will start operating in the very near future. In view of this we are very eager to complete our exploration program on "0" level, before the mill is constructed, so as to enable us to supply our mill with ore from that part of the mine, while we are finishing the exploration work in the upper levels.

The above matter was thoroughly explained to Dr. Hartwick and he was in agreement with us that our reasons were of weighty character and that he was in favor of approving the driving of such a raise in the immediate future.

We would greatly appreciate if you could be so kind as to give this matter your consideration at your early convenience, informing us of your decision so that we could begin the raise above the "0" Foot drift soon.

Yours very truly

WOTHREE MINES.

George B. Blonsky

George B. Blonsky.
General Manager.

Docket No. 2957

Commodity Tungsten

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 632

Date of Contract ~~or Amendment~~: October 30, 1953

Name and Address of Operator:

Carl Howard
1141 Butternut Street
Abilene, Texas

Amount of Government participation $ 24,750.00

Percent of Government participation 75 %

Region: III State: Arizona

Note: Please release $1,293.75. Contract terminated.

E. L. Talbert
(Name)

for J. L. Chambers, Chief
Contract Administration and
Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. 1/4/56

54458

Doc[redacted] No. DMEA 2957

Commodity Tungsten

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration, under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 632

Date of Contract ~~or Amendment~~: October 30, 1953

Name and Address of Operator:

Carl Hovgard,
1141 Butternut Street,
Abilene, Texas

Amount of Government participation $ 24,750.00

Percent of Government participation 75%

Region: IV State: Arizona

E. A. Talbert
(Name)

for J. L. Chambers,
Chief, Contract Administration and Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. 10/30/53

13808

MF-200 (A)
(February 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 4 1953

DOCKET NO. DMEA 2957

COMMODITY Tungsten

Idm-E632

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 30th day of October, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Carl Hovgard
1141 Butternut Street
Abilene, Texas

hereinafter called the "Operator," as follows: and as set forth in Annex II attached hereto and made a part hereof.

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 Arizona, County of Mohave, described as follows:[3]
Ten unpatented lode mining claims, which are recorded in the Office of the County Recorder at Kingman, Mohave County, Arizona.

(See Annex No. 1 attached)

the Operator represents and undertakes:[4]

(*a*) That the Operator is the owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:
Contractual liens of Joseph B. Rice, Jr., Norman D. Fitzgerald, F. Leroy Foster, and George B. Blonsky, whose consents to lien are attached.

~~(b) That the Operator is the owner, 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] Tungsten

in or upon the described land; and shall bring the project to completion within a period of 6 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 seventy-five (75) 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 $24,750.00, which is 75 percent of $33,000.00, 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: See Annex II substituted for that part of 6(a) preceding the colon.

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

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

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

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

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

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

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

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

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

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

(Operator)

By .....

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

Docket No. DMEA 2957

Article 2, Exploration Project Contract Form MF-200(A)

ANNEX NO. 1

Claim	Book No.	Page No.
Tungsten No. 1	EE	264
Tungsten No. 2	EE	265
Tungsten No. 3	EE	266
Tungsten No. 4	EE	267
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Tungsten No. 7	EE	738
Tungsten No. 8	FF	671
Tungsten No. 9	FF	672
Tungsten No. 10	FF	673

ANNEX II

The following provisions are in lieu of all of paragraph (a) of Article 6 which precedes the colon:

If the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after a sufficient, complete, final report and final account referred to in the contract has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development. The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, as follows: (1) Regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

Docket No. DMEA 2957

Exhibit "A"

Description of the Work

A drift will be driven from the main winze on the 150 level on the vein for 450 feet in a westerly direction. A drift will be driven on the 120 level on the vein for 375 feet in an easterly direction. A southeasterly drift will be driven 100 feet along the vein on the "0" level to explore what is believed to be the main vein. Raise 1 is to be extended vertically from the bottom of the inclined winze for 25 feet to attempt to find the main vein north of the fault. Three additional raises of 50 feet each may be driven from the 150, 120 and "0" levels at locations acceptable to the DMEA representatives if prior written approval is granted by the Field Team. The tentative location of the work is shown on Figure 3 and Figure 4 which are attached and made a part of Exhibit A.

Docket No. DMEA 2957

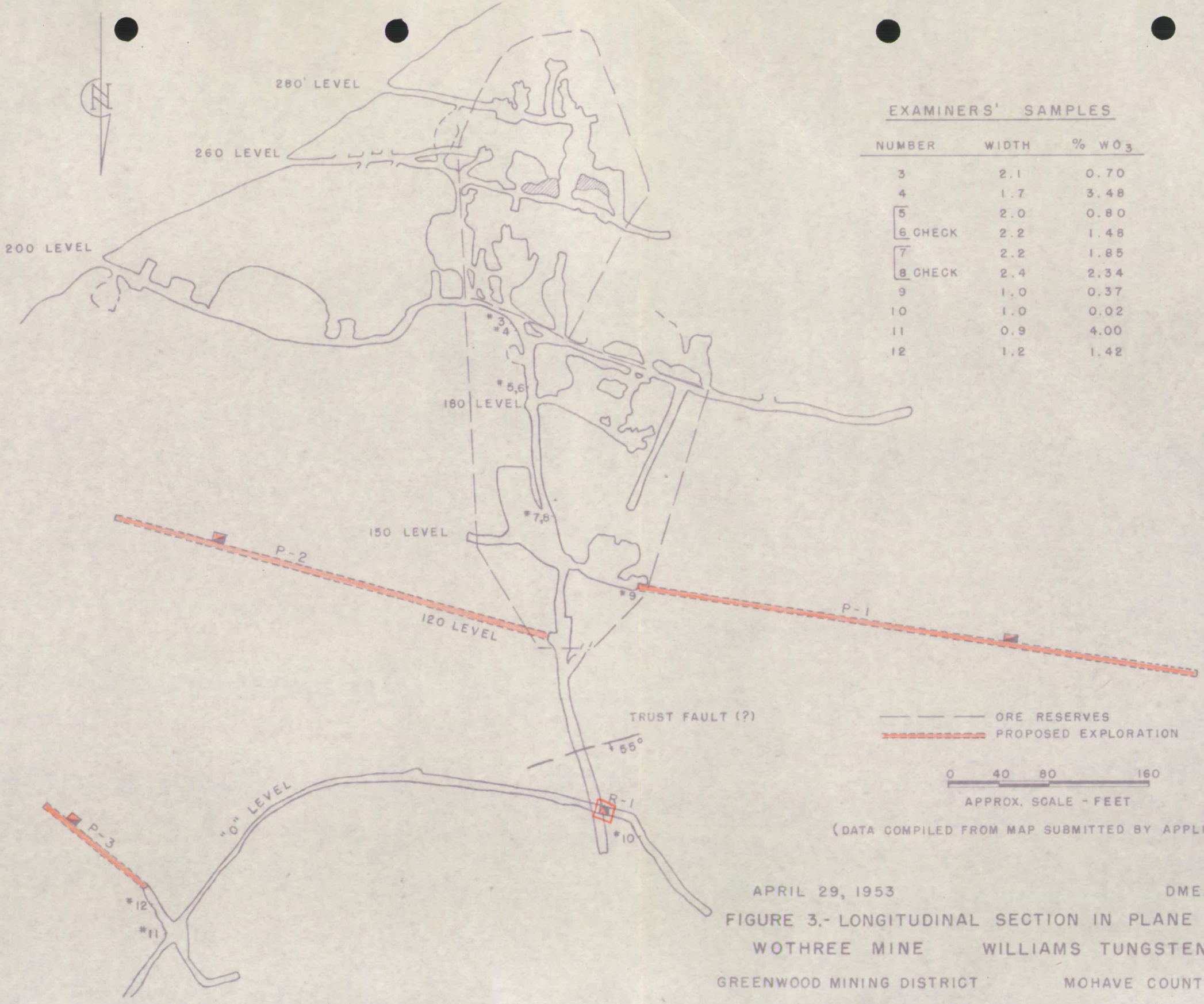
Estimated Costs of the Project

150 level drifting westerly 450 feet @ $30.00 per foot	$13,500.00
120 level drifting easterly 375 feet @ $30.00 per foot	11,250.00
"0" level drifting southeasterly 100 feet @ $30.00 per foot	3,000.00
Raise 1, from bottom of inclined winze 25 feet @ $30.00 per foot	750.00

The following raises if approved by the Field Team:

50 feet of raise from the 150 level drift @ $30.00 per foot	1,500.00
50 feet of raise from the 120 level drift @ $30.00 per foot	1,500.00
50 feet of raise from the "0" level drift @ $30.00 per foot	1,500.00
Total estimated cost of project:	$33,000.00
Government participation @ 75%	24,750.00

The above costs include any and all costs incurred in the performance of the above described work.



(DATA COMPILED FROM MAP SUBMITTED BY APPLICANT)

EXAMINERS' SAMPLES

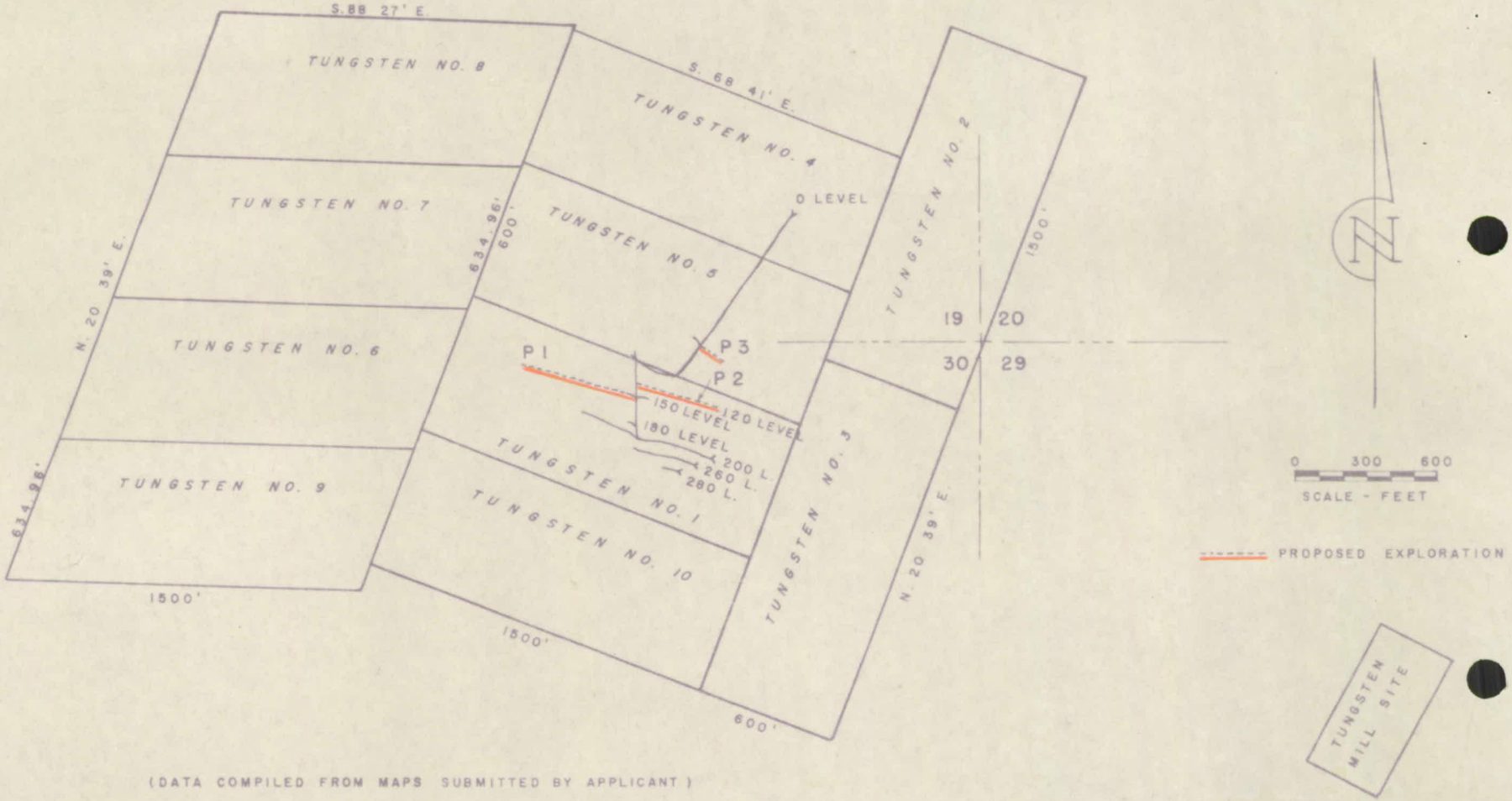
NUMBER	WIDTH	% WO_3
3	2.1	0.70
4	1.7	3.48
5	2.0	0.80
6 CHECK	2.2	1.48
7	2.2	1.85
8 CHECK	2.4	2.34
9	1.0	0.37
10	1.0	0.02
11	0.9	4.00
12	1.2	1.42

APRIL 29, 1953 DMEA 2957

FIGURE 3.- LONGITUDINAL SECTION IN PLANE OF VEIN

WOTHREE MINE WILLIAMS TUNGSTEN MINE

GREENWOOD MINING DISTRICT MOHAVE COUNTY, ARIZONA



(DATA COMPILED FROM MAPS SUBMITTED BY APPLICANT)

LOCATION OF PROPOSED WORK IS APPROXIMATE ONLY
AN ACCURATE LOCATION WOULD NECESSITATE A NEW SURVEY

DMEA 2957 JUNE 1953

FIGURE 4.- CLAIM MAP - WOTHREE MINE - WILLIAMS TUNGSTEN MINE

GREENWOOD MINING DISTRICT MOHAVE COUNTY, ARIZONA

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 7 - 1953

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

Ten unpatented lode mining claims which are recorded in the Office of the Recorder at Kingman, Mohave County, Arizona, which are more particularly described in Annex No. 1 hereto attached.

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/ Carl Hovgard

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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.

4. Changes and added provisions None

Dated this 29th day of September, 1953.

Joseph B. Rice, Jr. [Seal]

Joseph B. Rice, Jr. [Seal]

[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.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) 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.)

c. Definitions.--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 gross income from mining operations for percentage depletion purposes in income tax determination.

d. Lien for Payment.--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.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

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MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

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

Ten unpatented lode mining claims which are recorded in the Office of the Recorder at Kingman, Mohave County, Arizona, which are more particularly described in Annex No. 1 hereto attached.

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/ Carl Hovgard

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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.

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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.

4. Changes and added provisions None

Dated this 22nd day of September, 1953.

Norman D. FitzGerald [Seal]
Norman D. FitzGerald

[Seal]

[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.

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c. Definitions.--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 gross income from mining operations for percentage depletion purposes in income tax determination.

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MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
1953

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2/ Carl Hovgard

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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4. Changes and added provisions None

Dated this 30th day of September, 1953.

Witness
Anne M. Bowes
Cambridge, Mass.

F. Leroy Foster [Seal]
F. Leroy Foster

[Seal]

[Seal]

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MF-203
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4. Changes and added provisions None

Dated this 29th day of September, 1953.

George B. Blonsky [Seal]
George B. Blonsky

[Seal]

[Seal]

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RELEVANT CONTRACT PROVISIONS

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) 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.)

c. Definitions.--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 gross income from mining operations for percentage depletion purposes in income tax determination.

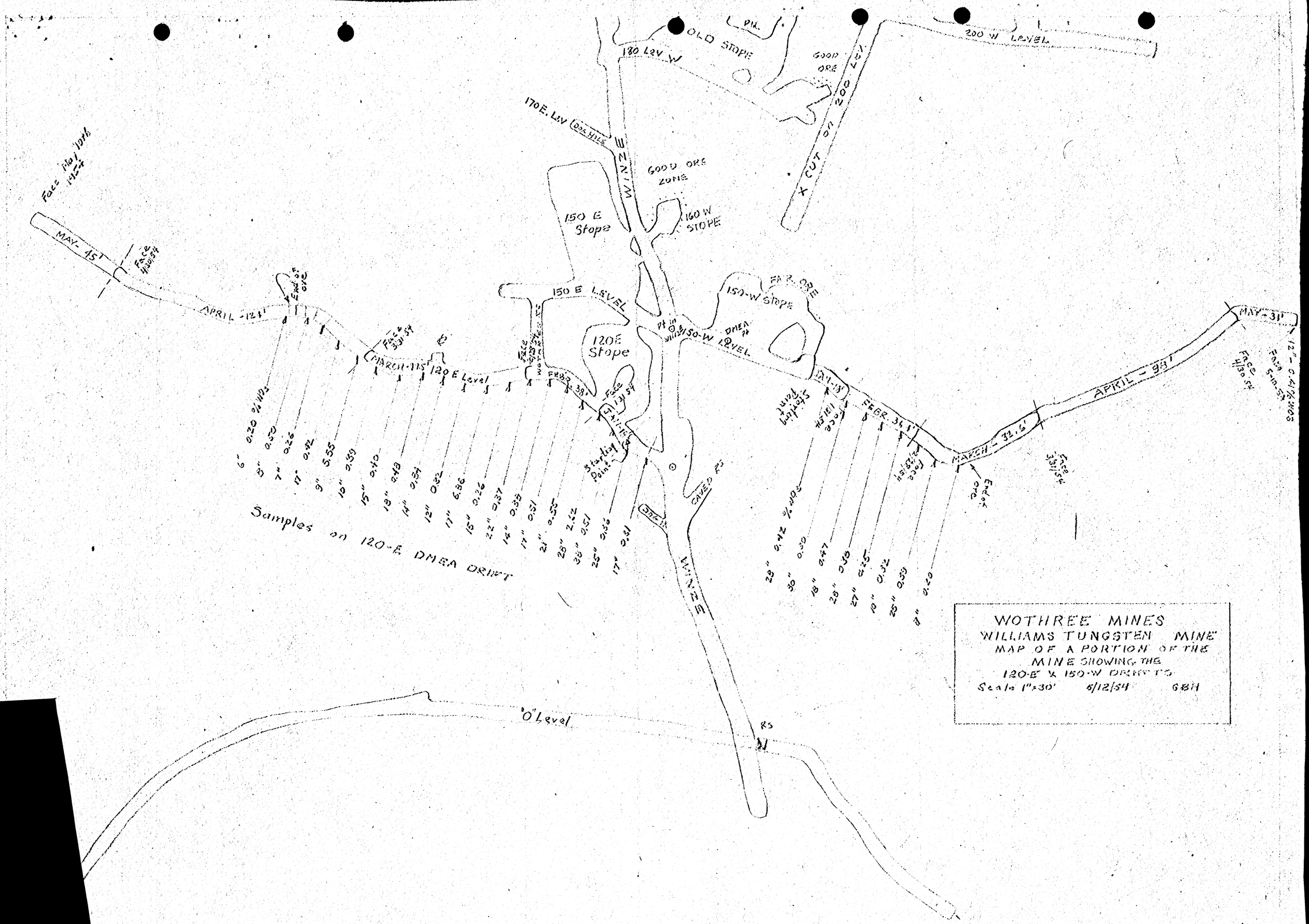
d. Lien for Payment.--To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

ANNEX NO. 1

Claim	Book No.	Page No.
Tungsten No. 1	EE	264
Tungsten No. 2	EE	265
Tungsten No. 3	EE	266
Tungsten No. 4	EE	267
Tungsten No. 5	EE	736
Tungsten No. 6	EE	737
Tungsten No. 7	EE	738
Tungsten No. 8	FF	671
Tungsten No. 9	FF	672
Tungsten No. 10	FF	673


WOTHREE MINES
WILLIAMS TUNGSTEN MINE
MAP OF A PORTION OF THE
MINE SHOWING THE
120-E X 150-W DRIFTS
Scale 1"=30'
6/12/54
GBH
OLD STOPE
180 LEV W
200 W LEVEL
170E. LEV
GOOD ORE ZONE
150 E Stope
160 W STOPE
X CUT ON 200 W LEVEL
150 E LEVEL
120E Stope
150-W STOPE
150-W LEVEL
MAY - 45'
APRIL - 12.1'
MARCH - 11.5'
120 E Level
FEBR. 38'
FEBR. 34.1'
MARCH - 32.6'
APRIL - 98'
MAY - 31'
Samples on 120-E DMEA DRIFT
'0' Level
WINZE

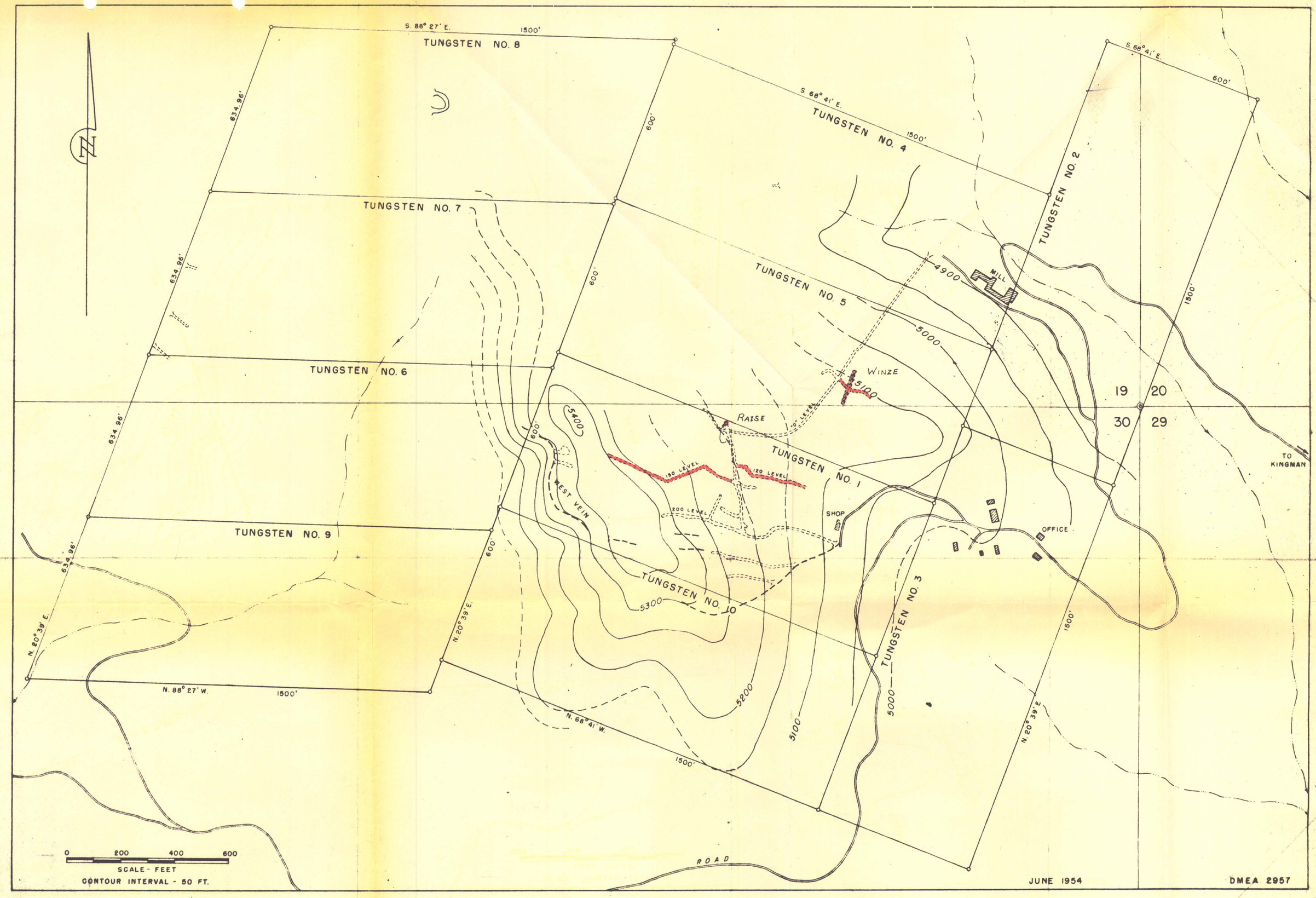


FIGURE 3. - MAP OF THE WILLIAMS TUNGSTEN MINE - MOHAVE COUNTY, ARIZONA