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

224 New Customhouse
Denver 2, Colorado

Date: March 7, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty payments, Docket DMEA 3981 (Tungsten), Contract Idm-E921, Elmer Hetzer, Et al (Pennsylvania Lode), Boulder County, Colorado
Period: February, 1957

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1/23/57	380	10.170	$4.56	$4.56		
Totals:		10.170	$4.56	$4.56		

EXTRA COPY
D M E A
RECEIVED MAR 11 1957

DATE	INITIALS	CODE
3/12	W SM	400

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 51.788

Original signed by
E. N. HARSHMAN

for W. M. Traver

Royalty

vj
cc: Royalty File E921 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

VAH CHANG CORPORATION

MARION MILL
BOULDER, COLORADO

HEAD OFFICE
233 BROADWAY
NEW YORK, N. Y.

Tungsten Ore and Concentrates
Purchase Order and Settlement

Seller:
Name: Elmer Hetzer et al
Address: Battasso Bros. & Prima
Sugar Loaf Star Route
Boulder, Colorado

Date: January 23, 1957 (Feb-1.) (Milled)

P.O. Nº 380

Mill Lot No. 24

Seller's Lot No. 8 - T - 35

Containers

Type Material: Ore

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

Analysis	
WO3	.70 %
Sn	
Cu	
As	
Sb	
Bi	
Mo	
P	
S	
Mn	
Pb	
Zn	

Gross Weight	
Tare	
Net Weight	21,525
H20%	5.5
Net Dry Weight	20,340
WO3 Assay	.70 %
Pounds WO3	142
STU WO3	7.12
Price Per STU	$ 12.80
Gross Value	$ 91.14
Less Penalties	

Checks:

5 %	D.M.E.A.	$ 4.56 - Ck #1633
25 %	Joe Rafter	22.78 - Ck #1634
	E. Battasso	63.80 - Ck #1635
		$ 91.14

Material Value $ 91.14

Deductions:

$

Net Value $ 91.14

Certificate:
We/I hereby certify that the ore and/or concentrate identified above and hereby sold, was produced from the Pennsylvania Mine, located at Boulder County, Colorado and that we/I have full authority to remove and sell the same and that said ore and/or concentrate is not encumbered by any lien or attachment and that payment in full is hereby acknowledged.

E921

George Prima
Seller

By

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

224 New Customhouse
Denver 2, Colorad

Date: January 18, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 3981 (Tungsten), Contract Idm-E921, Elmer Hetzer, et al (Penn. Lode), Boulder County, Colo.

Period: December, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
11/21/56	332	0.307	$3.10	$3.10		

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 24 1957

DATE	INITIALS	CODE
1-24	C	220
1/24	WSM	400

Totals:	0.307	$3.10	$3.10

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 41.618

W. M. Traver
Royalty

vj
cc: Royalty File E 921 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

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

224 New Customhouse
Denver 2, Colorad

Date: January 18, 1957

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 3981 (Tungsten), Contract Idm-E921, Elmer Hetzer, et al (Penn. Lode), Boulder County, Colo.

Period: December, 1956

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
11/21/56	332	0.307	$3.10	$3.10		

EXTRA COPY
D M E A
RECEIVED JAN 2

DATE	INITIALS	CODE

Totals: 0.307 $3.10 $3.10

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 41.618

Original signed by
W. M. TRAVER

W. M. Traver

vj
cc: Royalty File E 921 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheet
Chron.

YOAH CHANG CORPORATION

MARION MILL
BOULDER, COLORADO

HEAD OFFICE
233 BROADWAY
NEW YORK, N. Y.

DMEA
DEPARTMENT OF THE INTERIOR
DEC 6 1956
REGION III
DENVER, COLORADO

Tungsten Ore and Concentrates
Purchase Order and Settlement

Seller:
Name: Hatner, Prime & Betasso
Address: Sugarloaf Star Route
Boulder, Colorado

Date: November 21, 1956

P.O. No. 332

Mill Lot No.: As Is

Seller's Lot No.: 8-T-35

Containers:

Type Material: Ore

Analysis	
WO3	7.03%
Sn	
Cu	
As	
Sb	
Bi	
Mo	
P	
S	
Mn	
Pb	
Zn	

Gross Weight	
Tare	
Net Weight	
H20%	
Net Dry Weight	613
WO3 Assay	7.03
Pounds WO3	43
STU WO3	8.15
Price Per STU	7.65
Gross Value	62.03
Less Penalties	

RECEIVED

Checks:

5% D.M.E.A.	$ 3.10	Ck. No. 1484
25% Royalty Joe Rafter	15.50	Ck. No. 1485
E. Betasso	43.43	Ck. No. 1483
	$ 62.03	

Material Value $ 62.03

Deductions:

	$

Net Value $ 62.03

Certificate:
We/I hereby certify that the ore and/or concentrate identified above and hereby sold, was produced from the Pennsylvania Mine, located at Boulder County and that we/I have full authority to remove and sell the same and that said ore and/or concentrate is not encumbered by any lien or attachment and that payment in full is hereby acknowledged.

By [signature] Seller

E921

RECEIVED
JAN 1951
U.M.E.A.

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

224 New Customhouse
Denver 2, Colorad

Date: December 11, 1956

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

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field TEam, Region III
Subject: Royalty payments, Docket DMEA 3981 (Tungsten), Contract Idm-E921, Elmer Hetzer, et al (Pennsylvania Lode), Boulder County, Colorado
Period: November, 1956

WSM

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Lot No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
1956						
10/15	308	15.491	$1.03	$1.03		
10/15	309	10.350	0.63	0.63		
10/24	312	10.875	6.99	6.99		
10/18	314	4.595	2.66	2.66		
Totals:		41.311	$11.31	$11.31		

Past Due Royalties Collected None

Total Dry Tons (Ore or Cons.) Shipped to Date 41.311

Original signed by
W. M. TRAVER

W. M. Traver

Royalty

vj
cc: Royalty File E 921 w/settlement sheets
Monthly Royalty Payment File
J. F. Shaw (2) w/settlement sheets
Chron.

WAH CHANG CORPORATION

MARION MILL
BOULDER, COLORADO

HEAD OFFICE
233 BROADWAY
NEW YORK, N. Y.

Tungsten Ore and Concentrates
Purchase Order and Settlement

Seller:
Name: Hatzer, Prime & Battasso
Address: Sugarloaf Star Route
Boulder, Colorado

Date: October 15, 1956

P.O. Nº 919 308

Mill Lot No. 20

Seller's Lot No. 8 - T - 35

Containers

Type Material: Ore

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

Analysis			
WO3	.49%	Gross Weight	
Sn		Tare	
Cu		Net Weight	31,550
As		H20%	1.8
Sb		Net Dry Weight	30,982
Bi		WO3 Assay	.49%
Mo		Pounds WO3	152
P		STU WO3	7.6
S		Price Per STU	$ 9.00
Mn		Gross Value	$ 68.40
Pb		Less Penalties	
Zn			

Checks:

1.5% DMEA $1.03 Ck # 1432

25% Royalty - Joe Rafter 17.10 Ck # 1431

E. Battasso 50.27 Ck # 1430

68.40

Material Value $68.40

Deductions:

$

Net Value $68.40

Certificate:
We/I hereby certify that the ore and/or concentrate identified above and hereby sold, was produced from the Pennsylvania Mine, located at Boulder County and that we/I have full authority to remove and sell the same and that said ore and/or concentrate is not encumbered by any lien or attachment and that payment in full is hereby acknowledged.

Seller

By George Prime

E921

WAH CHANG CORPORATION

MARION MILL
BOULDER, COLORADO

HEAD OFFICE
233 BROADWAY
NEW YORK, N. Y.

Tungsten Ore and Concentrates
Purchase Order and Settlement

Seller:
Name: Hatter, Prime & Battasso
Address: Superior Star Route
Boulder, Colorado

Date: October 15, 1956

P.O. No. [redacted] 309

Mill Lot No. 20

Seller's Lot No. 8 - T - 33

Containers

Type Material: Ore

Analysis	
WO3	.45%
Sn	
Cu	
As	
Sb	
Bi	
Mo	
P	
S	
Mn	
Pb	
Zn	

Gross Weight	
Tare	
Net Weight	21,100
H20%	1.9
Net Dry Weight	20,700
WO3 Assay	.45%
Pounds WO3	93
STU WO3	4.65
Price Per STU	$ 9.00
Gross Value	$ 41.85
Less Penalties	

Checks:

1.5% BMEA	~~$1.03~~ 1.63	Ck #	1432
25% Royalty - Joe Rafter	10.46	Ck #	1431
E. Battasso	30.76	Ck #	430
	$ 41.85		

Material Value $ 41.85

Deductions:

$

Net Value $ 41.85

Certificate:
We/I hereby certify that the ore and/or concentrate identified above and hereby sold, was produced from the Pennsylvania Mine, located at Boulder County and that we/I have full authority to remove and sell the same and that said ore and/or concentrate is not encumbered by any lien or attachment and that payment in full is hereby acknowledged.

Seller

By George C. Prime

WAH CHANG CORPORATION

MARION MILL
BOULDER, COLORADO

HEAD OFFICE
233 BROADWAY
NEW YORK, N. Y.

Tungsten Ore and Concentrates
Purchase Order and Settlement

Seller:
Name: Hatzer, Prime & Battesse
Address: Sugarloaf Star Route, Boulder, Colorado

Date: October 24, 1956

P.O. No. [redacted] 212

Mill Lot No. 20

Seller's Lot No. 8 - 7 - 33

Containers

Type Material: Ore

Analysis	
WO3	.862
Sn	
Cu	
As	
Sb	
Bi	
Mo	
P	
S	
Mn	
Pb	
Zn	

Gross Weight	
Tare	
Net Weight	22.123
H20%	1.7
Net Dry Weight	21.749
WO3 Assay	.862
Pounds WO3	187
STU WO3	9.35
Price Per STU	$ 14.93
Gross Value	$139.78
Less Penalties	

Checks:
SE MERA $6.99 - Ck # 1432
25% Royalty - Joe Hatzer 34.95 Ck # 1431
" - E. Battesse 97.84 Ck # 1430
139.78

Material Value $ 139.78

Deductions:

$

Net Value $ 139.78

Certificate:
We/I hereby certify that the ore and/or concentrate identified above and hereby sold, was produced from the Pennsylvania Mine, located at Boulder County and that we/I have full authority to remove and sell the same and that said ore and/or concentrate is not encumbered by any lien or attachment and that payment in full is hereby acknowledged.

Seller

By George Prime

E921

WAH CHANG CORPORATION

MARION MILL
BOULDER, COLORADO

HEAD OFFICE
233 BROADWAY
NEW YORK, N. Y.

Tungsten Ore and Concentrates
Purchase Order and Settlement

Seller:
Name [redacted]
Address [redacted]

Date [redacted]

P.O. No. [redacted] 314

Mill Lot No. [redacted]

Seller's Lot No. [redacted]

Containers

Type Material [redacted]

Analysis

WO3	[redacted]
Sn	
Cu	
As	
Sb	
Bi	
Mo	
P	
S	
Mn	
Pb	
Zn	

Gross Weight	
Tare	
Net Weight	[redacted]
H20%	[redacted]
Net Dry Weight	[redacted]
WO3 Assay	[redacted]
Pounds WO3	[redacted]
STU WO3	[redacted]
Price Per STU	[redacted]
Gross Value	[redacted]
Less Penalties	

[redacted]:

[redacted]	[redacted] - Ck #	1432
[redacted] Supply - Joe [redacted]	[redacted] - Ck #	1431
[redacted]	[redacted] - Ck #	1430
Total	[redacted]	

Material Value $ [redacted]

Deductions:

$

Net Value $ [redacted]

Certificate:
We/I hereby certify that the ore and/or concentrate identified above and hereby sold, was produced from the [redacted] Mine, located at [redacted] and that we/I have full authority to remove and sell the same and that said ore and/or concentrate is not encumbered by any lien or attachment and that payment in full is hereby acknowledged.

Seller

By George Prime

E 721

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

224 New Customhouse
Denver 2, Colorado

December 21, 1956

RECEIVED
DEC 23 1956
D.M.E.A.

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3981 (Tungsten) Contract Idm-E921, Elmer Hetzer, et al., (Pennsylvania Lode) Boulder County, Colorado - FINAL PAYMENT

Enclosed are two copies of a memorandum to T. A. Christensen, dated December 18, 1956, relative to final payment under the terms of the subject contract.

Original signed by
W. M. TRAVER

W. M. Traver

Enclosures

ewa

cc: Shaw (2)
MF-104 File E921
Chron.

FINAL DISTRIBUTION
MADE DEC 21 1956

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

224 New Customhouse
Denver 2, Colorado

December 18, 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket No. 3981, (Tungsten), Contract No. Idm-E921, Elmer Hetmer, et al, (Pennsylvania Lode), Boulder County, Colorado - FINAL PAYMENT

Reference is made to our memorandum of October 18, 1956, whereby we transmitted the final Form MF-104, Operator's Monthly Report and Voucher for the month of September, 1956, and requested that you withhold the amount of $400.00 from the reimbursement to the Operator pending resolution of matters relative to closing the account.

The Operator's final report has been received, therefore we recommend that final payment to the Operator be made on the following basis which is in conformance with the Report of Review of reported project costs by the Contract Administration and Audit Division, DMEA, dated December 18, 1956.

Basis for final payment

Total accepted cost - - - - - - - - - - - - -	$13,530.00
Government participation at 75% - - - - -	10,147.50
Total prior payments - - - - - - - - - - - -	9,747.50
Balance due the Operator - - - - - - - -	$ 400.00

Original signed by
W. M. TRAVER

W. M. Traver

JDC:ewa
cc: Chm. Op. Comm. (2)
Harshman
Shaw (2)
Townsend
MF-104 File E921
Corresp. E921
Chron.

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

3981

RECEIVED
OCT 29 1956

Administrative Audit Difference Statement

Mr. Ernest Detasso
Sugar Loaf Star Route,
Boulder, Colorado

Date: October 19, 1956
Payee's Reference: September 1956

FINAL DISTRIBUTION
MADE OCT 26 1956

Gentlemen:

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

Amount Claimed $ 1,050.00

Difference $

Amount Approved $ 1,050.00

The reason for the difference was due to:

*Withhold $100.00 pending resolution of matters relative to closing the account.

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

Very sincerely yours,

N. E. Stokes
Audit Section

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

MF-104'e
3981
Sept. 1956

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

224 New Customhouse
Denver 2, Colorado

October 18, 1956

RECEIVED
OCT 29 1956

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3981 (Tungsten) Contract Idm-E921, Elmer Hetzer, et al. (Pennsylvania lode) Boulder County, Colorado - Operator's Monthly Progress Report for the month of September, 1956 (FINAL)

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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 $400.00 pending resolution of matters relative to closing the account. The Operator has requested termination of the contract.

Remarks

Date of Report - - - - - - - - - - - - - October 10, 1956
Date Received in Field Office- - - - - October 15, 1956
Date Received in Region Office- - - - October 17, 1956

J. W. Townsend

J. W. Townsend

Enclosures
JDC:jy
cc: MF-104 File E921
Sec. Op. Comm. (2)
Shaw (2)
Harshman)
Townsend) w/copy engr's report
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
OCT 17 1956
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
October 17, 1956

Memorandum

RECEIVED
OCT 20 1956

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: Carl Belser

Subject: DMEA 3981 (Tungsten) Contract Idm-2921, Elmer Hetzer et al, Pennsylvania lode, Boulder County, Colo. -- Progress report for September 1956

The property was inspected on October 10, 1956, at that time the drift was in 273.5 feet or 23.5 feet past the 250 feet called for in the contract. The amount paid for each month follows:

Month	Sinking at $80/ft.	Amount	Drifting at $30/ft.	Amount	No. Samples	Amount	Total Amt.
March	38	$3,040.00					$3,040.00
April	28	2,240.00					2,240.00
May	9	720.00	11	$330.00	1	$5.00	1,055.00
June			73	2,190.00			2,190.00
July			72	2,160.00			2,160.00
August			59	1,770.00	5	25.00	1,795.00
September			35	1,050.00			1,050.00
7	75	6,000.00	250	7,500.00	6	30.00	13,530.00

The breast of the drift contains a 6-inch "horn" vein striking S. 80° W., and dipping 60° N. A stope had been started 60 feet west of the east end of the drift. Termination of the contract is requested in the narrative report dated October 10, 1956.

The cost of 35 feet of drifting at $30.00 a foot is $1,050.00. Payment of 75 percent of the above amount or $787.50 is recommended. It is also recommended that $262.50 be withheld pending the receipt of the operator's final report.

Carl Belser
Carl Belser
Mining Engineer

CB/mr
Idm-2921 Chron

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

Budget Bureau No. 42-R1036.5

RECEIVED
OCT 29 1956

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

Month of September, 1956 Docket No. DMEA 3981 Contract No. IDM-E921

Operator's Name George Prime, Richard Betasso, Ernest Betasso Minerals Tungsten

Address St. Rt. Boulder, Colo. and Consuelo Hetzer, Executrix of Estate of Elmer Hetzer

Contract Amount, $16,100.00 Government Participation: 75 % Amount, $12,075.00

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	$1050.00	$6450.00	$7500.00			
Sinking		6000.00	6000.00			
(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		30.00	30.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1050.00	$12480.00	$13530.00	1,050.00	12,480.00	13,530.00

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

Date Oct. 10, '56 *Payee George Prime, Richard Betasso, Ernest Betasso and Consuelo Hetzer, Executrix of Estate of Elmer Hetzer

Per Ernest Betasso Title Partner

*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 this account is correct and proper for payment in the amount of:

$387.50

Signature
(Authorized Certifying Officer)

Date 10/19/56 Vou. No. 57-49

(See other side)

Note: Withhold 400.00

(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 921 in accordance with the terms of the contract.

Signature Earl Bohn ($787.50) [illegible] Title Mining Engineer Date 10/15/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Acting Executive Officer Date OCT 18 1956

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
OCT 29 1956

Month of September 1956 Docket No. DMEA 3981 Contract No. IDM-E921
Operator's Name George Prime, Richard Betasso, Ernest Betasso Minerals Tungsten
Address St. Rt. Boulder, Colo. and Consuelo Hetzer Executrix of estate of Elmer Hetzer

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	$1050.00	35	$7500.00	250		250	$30.00
~~Crosscutting~~ Timbering	Feet						100	7.00
Raising	Feet						50	35.00
Shafts	Feet			6000.00	75		75	80.00
~~Winzes~~ Assaying	Each			30.00	6		30	5.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1050.00		$13530.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1050.00		$13530.00				

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.

George Prime, Richard Betasso, Ernest Betasso and Consuelo Hetzer Executrix of Estate of Elmer Hetzer

Date October 10, '56 Operator

Per Ernest Betasso Title Partner

REMARKS: Project work commenced March 5, '56 Shaft & Crosscut in hanging wall completed in May '56, 250 feet of drifting completed through September 1956

→ 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)

Earl Belser

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

RECEIVED

Nederland, Colorado OCT 2 9 1956
October 10, 1956

John P. Shaw
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 2, Colorado

Re: Docket DMEA 3981
(Tungsten)
Contract Idm - E921

Narrative Report

Dear Mr. Shaw:

We drifted 35 feet in September to complete the 250 foot drift and have requested termination of the contract as the vein was found to be barren in the vicinity of the proposed 50 foot raise included in the contract.

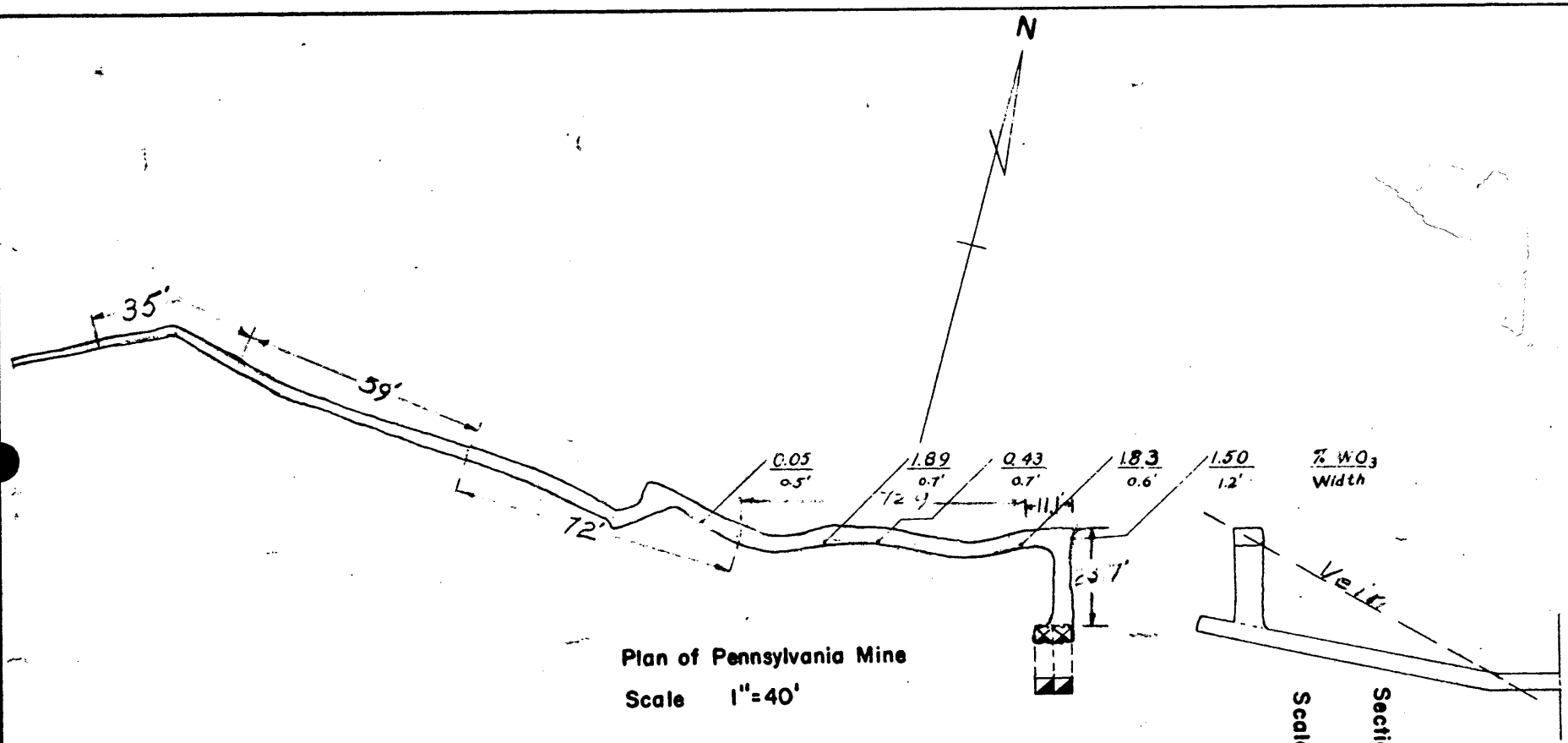
We are now mining ferberite ore from 80 feet to 100 feet from the shaft.

Assay certificate attached as requested in your letter of September 14, 1956.

Very truly yours,

Ernest Betasso

Ernest Betasso, Partner



Plan of Pennsylvania Mine

Scale 1"=40'

DATE 1/OCT./1968

Section through Pennsylvania shaft.

Scale 1"=40'

400

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

224 New Customhouse
Denver 2, Colorado

September 14, 1956

FINAL DISTRIBUTION
MADE SEP 24 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3981 (Tungsten) Contract Idm-E921, Elmer Hetzer, et al., (Pennsylvania lode) Boulder County, Colorado - Operator's Monthly Progress Report for the month of August, 1956

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. No documentation is required for work performed under contracts prepared on Form MF-208A, 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- - - - - - - - - - - - -September 5, 1956
Date Received in Field Office- - - -September 10, 1956
Date Received in Region Office- - -September 13, 1956

W. M. TRAVER

W. M. Traver

MF 104'd Aug 1956

RECEIVED
SEP 26 1956

Enclosures
JDC:jy
cc: MF-104 File E921
Sec. Op. Comm. (2)
Shaw (2)
Harshman w/copy engr's report
Chron.

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
September 13, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: Carl Balser

Subject: DMEA 3581 (Tungsten) Contract 14n-2981, Elmer Ryburn et al, Pennsylvania Lode, Boulder County, Colorado -- Progress report for August 1956

The property was inspected on September 11, 1956, at which time the drift had been driven 50.5 feet, or 35 feet more than the amount claimed for August. Five channel samples were cut and assayed. The last 45 feet driven is in a light-colored feldspathic granite. A silicified vein containing some fluorite and having a reversed dip is showing in the front wall near the breast and may become ore bearing. Only 9.5 feet of drifting remained to be done before raising is started.

The cost of 39 feet of drifting at $30.00 a foot is $1,170.00 and the cost of 5 tungsten assays at $5.00 each is $25.00 or a total of $1,195.00. Payment of 75 percent of the above amount or $1,396.25 is approved.

Carl Balser
Carl Balser
Mining Engineer

CB/mr
cc: 6
14n-2981
Chron

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

Budget Bureau No. 42-R1036.5

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

Month of August, 1956 Docket No. DMEA 3981 Contract No. IDM-E921
Operator's Name George Prime, Richard Betasso, Ernest Betasso Minerals Tungsten
Address St. Rt. Boulder, Colo. and Consuelo Hetzer Executrix of estate of
Contract Amount, $ 16,100.00 Government Participation: 75% Elmer Hetzer 12,075.00

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	$1770.00	$4680.00	$6450.00			
Sinking		6000.00	6000.00			
(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	25.00	5.00	30.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1795.00	$10685.00	$12480.00	1,795.00	10,685.00	12,480.00

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

Date Sept 5, '56 *Payee George Prime, Richard Betasso, Ernest Betasso and Consuelo Hetzer, Executrix of estate of Elmer Hetzer

Per Ernest Betasso Title Partner

*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)

RECEIVED
SEP 26 1956

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

$ 1346.25

Signature
(Authorized Certifying Officer)

Date 9/18/56 Vou. No. DMA 57-33

(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-E921 in accordance with the terms of the contract.

Signature Rod Bolan (P.346.25) Title Mining Engineer Date 9/12/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Lamey Title Executive Officer Date SEP 14 1956

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

Month of August 1956 Docket No. DMEA 3981 Contract No. IDM-E921

Operator's Name George Prime, Richard Betasso, Ernest Betasso Minerals Tungsten

Address St. Rt. Boulder, Colo. and Consuelo Hetzer Executrix of estate of Elmer Hetzer

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	$1770.00	59	$6450.00	215		250	$30.00
Crosscutting Timbering	Feet						100	7.00
Raising	Feet						50	35.00
Shafts	Feet			6000.00	75		75	80.00
Winzes Assaying	Each	25.00	5	30.00	6		30	5.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1795.00		$12480.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1795.00		$12480.00				

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 Sept 5, '56 Operator George Prime, Richard Betasso, Ernest Betasso and Consuelo Hetzer, Executrix of estate of Elmer Hetzer

Per Ernest Betasso Title Partner

REMARKS Project work commenced March 5, '56 Shaft & Crosscut in hanging wall completed in May '56, 215 feet of drifting completed through August '56.

→ 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) Carl Belan

RECEIVED
SEP 26 1956

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

Nederland, Colorado
September 5, 1956

John P. Shaw
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 2, Colorado

Re: Docket DMEA 3981 (Tungsten)
Contract Idm - E921

Narrative Report

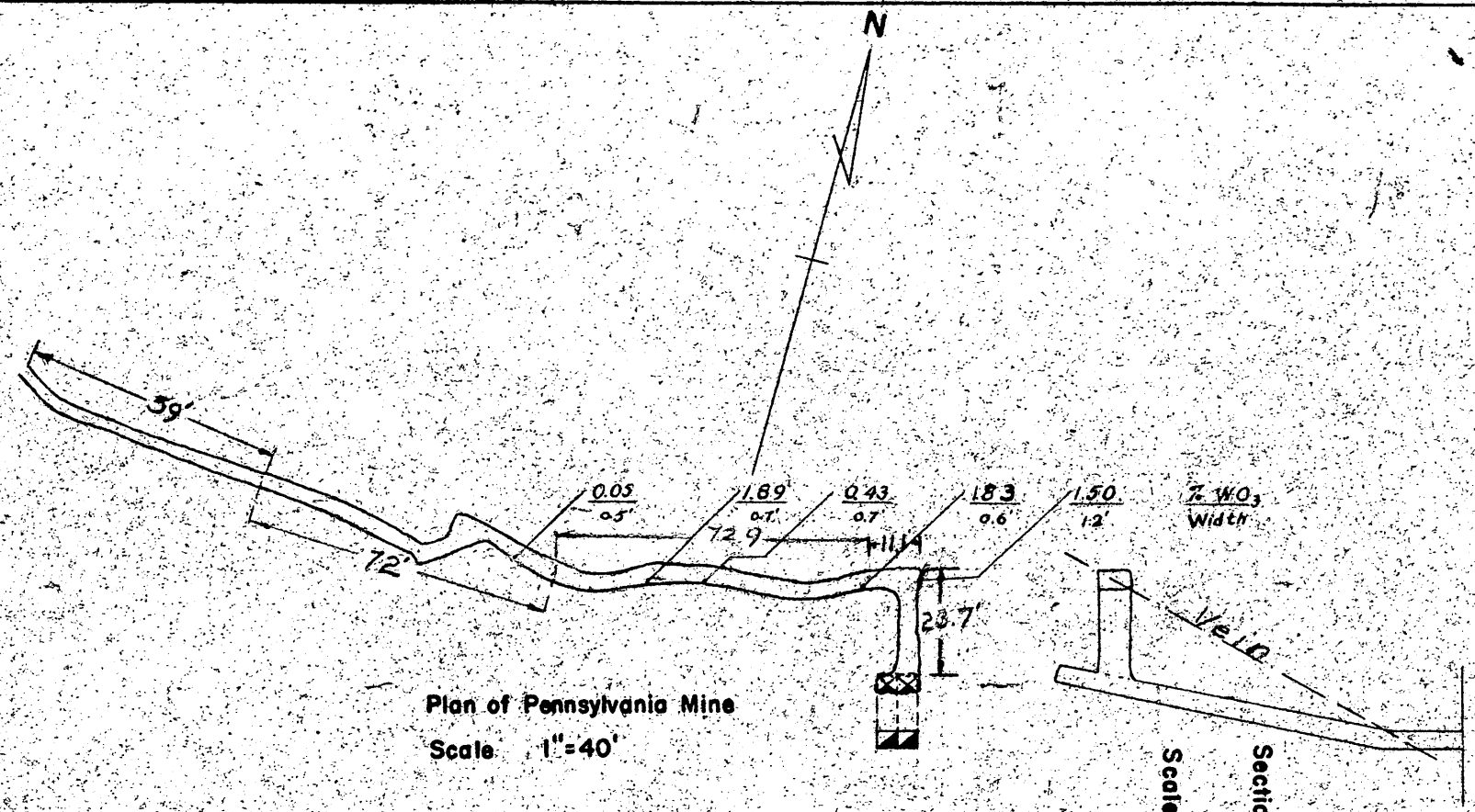
Dear Mr. Shaw:

Continued drifting total of 59 feet during the month, vein shows relatively little ferberite.

The results of the assays are shown on the attached map.

Yours very truly,

Ernest Betasso
Partner



Plan of Pennsylvania Mine

Scale 1"=40'

DATE 1/SEPT./1956

Section through Pennsylvania shaft.

Scale 1"=40'

RECEIVED
SEP 26 1956

400

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

RECEIVED
SEP - 7 1956

224 New Customhouse
Denver 2, Colorado

August 23, 1956

FINAL DISTRIBUTION
SEP 5 1956
MADE

Memorandum

To: T. A. Christensen

WSM

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3981 (Tungsten) Contract Idm-E921, Elmer Hetzer, et al, (Pennsylvania lode) Boulder County, Colorado - Operator's Monthly Progress Report for the month of July, 1956

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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.

Payment is to be mailed to Ernest Betasso, agent for the partnership, at the following address

Ernest Betasso
Sugar Loaf Star Route
Boulder, Colorado

Remarks

Date of Report - - - - - - - - - - - - - - - - - August 13, 1956
Date Received in Field Office- - - - - - - - - August 14, 1956
Date Received in Region Office- - - - - - - - August 21, 1956

W. M. TRAVER

W. M. Traver

Enclosures
JDC:jy
cc: MF-104 File E921
Sec. Op. Comm. (2)
Shaw (2)
Chron.

MF-104 July

RECEIVED
SEP - 7 1956

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
August 30, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw for WDR
Supervising Mining Engineer

From: Carl Baker

Subject: DMEA 3581 (Tungsten) Contract Idm-3581, Elmer Ratzer et al (Pennsylvania Lode) Boulder County, Colorado -- Progress report for July 1956

The property was inspected on August 7, 1956 at which time the breast of the drift had been driven 162.0 feet.

During July the vein was small and the subcontractors wandered around with the drift. The vein in the breast had opened to four inches and dipped 45° northeasterly. The amount of drifting claimed was verified.

The cost of drifting 72 feet at $30.00 a foot is $2,160.00. Payment of 75 percent of the above amount or $1,620.00 is recommended.

Carl Baker

Carl Baker
Mining Engineer

CB/mw
cc: 6
Idm-3581
Chron

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

Budget Bureau No. 42-R1036.5

RECEIVED
SEP - 7 1956

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

Month of July, 1956 Docket No. DMEA 3981 Contract No. Idm-E921
Operator's Name George Prime, Richard Betasso, Ernest Betasso Minerals Tungsten
Address St. Rt. Boulder, Colo. and Consuelo Hetzer, Executrix of Estate of Elmer Hetzer
Contract Amount, $ 16,100.00 Government Participation: 75 % Amount, $ 12,075.00

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	$2160.00	$2520.00	$4680.00			
Sinking		6000.00	6000.00			
(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		5.00	5.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2160.00	8525.00	$10685.00	2,160.00	8,525.00	10,685.00

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

Date Aug. 13, '56 *Payee George Prime, Richard Betasso, Ernest, Betasso and Consuelo Hetzer, Executrix of estate of Elmer Hetzer

Per Ernest Betasso Title Partner

*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:

$ 1620.00

Signature [illegible] (Authorized Certifying Officer)

Date 8/27/56 Voucher No. 57-24

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 7dm-E921 in accordance with the terms of the contract.

Signature Carl Bolen (1,620,08) for J.S. WSR Title Mining Engineer Date 8/17/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Jones Title Executive Officer Date AUG 23 1956

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
SEP 7 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July, 1956 Docket No. DMEA 3981 Contract No. Idm-E921
Operator's Name George Prime, Richard Betasso, Ernest Betasso Minerals Tungsten
Address St. Rt. Boulder, Colo. and Consuelo Hetzer, Executrix of estate of Elmer Hetzer

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	$2160.00	72	$4680.00	156		250	$30.00
~~Crosscutting~~ Timbering	Feet						100	7.00
Raising	Feet						50	35.00
Shafts	Feet			6000.00	75		75	80.00
~~Winzes~~ Assaying	Each			5.00	1		30	5.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$2160.00		$10685.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2160.00		10685.00				$16100.00

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.

George Prime, Richard Betasso, Ernest Betasso and Consuelo Hetzer, Executrix of estate of

Date Aug. 13, 1956 Operator Elmer Hetzer

Per Ernest Betasso Title Partner

REMARKS: Project work commenced March 5, '56 Shaft & Crosscut in hanging wall completed in May '56, 156 feet on drifting completed through July, '56

→ 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) Paul Beban

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

RECEIVED
SEP 14 1956

Nederland, Colorado
August 13, 1956

John P. Shaw
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 2, Colorado

Re: Docket DMEA 3981 (Tungsten)
Contract Idm - E921

Narrative Report

Dear Mr. Shaw:

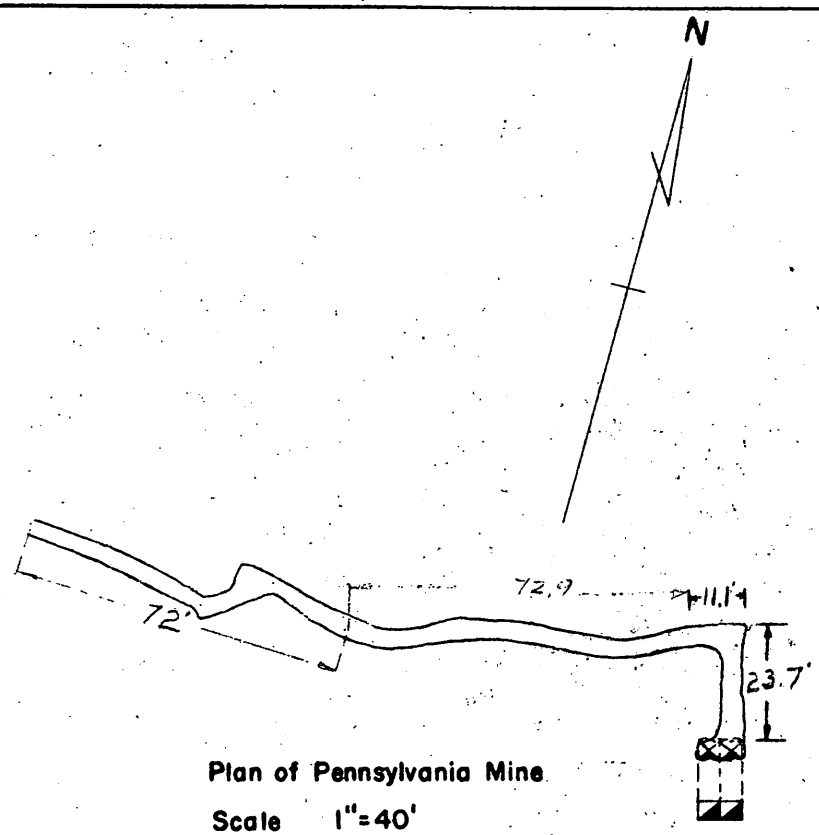
We drifted through a shist dyke for 30 feet but the formation has changed and we are out of the shist.

The contract labor was not satisfactory therefore, we are now employing miners at hourly wage.

We are awayting analysis on several samples taken recently and will send you the results as soon as we receive the assayers certificates.

Yours very truly,

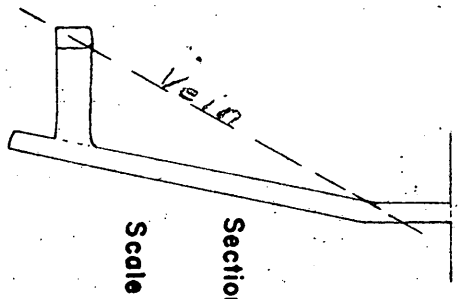
Ernest Betasso
Partner



Plan of Pennsylvania Mine

Scale 1"=40'

DATE 17 AUG. / 1956



Section through Pennsylvania shaft.

Scale 1"=40'

RECEIVED
SEP - 7 1956

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

400

RECEIVED
AUG 10 1956

224 New Customhouse
Denver 2, Colorado

FINAL DISTRIBUTION
MADE AUG 8 1956

August 3, 1956

WSM

ADMINISTRATIVE OFFICE REGION III
AUG 6 - 1956
BUREAU OF MINES
DENVER, COLORADO

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3981 (Tungsten) Contract Idm-E921, Elmer Hetzer, et al. (Pennsylvania Lode) Boulder County, Colorado - Operator's Monthly Progress Report for the month of June, 1956

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.

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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.

Payment is to be mailed to Ernest Betasso, agent for the partnership, at the following address

Ernest Betasso
Sugar Loaf Star Route
Boulder, Colorado

Remarks

Date of Report - - - - - - - - - - - - - - - - - - July 6, 1956
Date Received in Field Office- - - - - - - - - July 9, 1956
Date Received in Region Office- - - - - - - - July 17, 1956
Processing delayed due to death of Elmer Hetzer, partner

W. M. TRAVER

W. M. Traver

Enclosures

JDC:jy
cc: MF-104 File E921

Sec. Op. Comm. (2)
Shaw (2)
Chron.

June 7-104

DMEA
Date Rec'd
JUL 17 1956
BUREAU OF MINES
Denver, Colorado

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
July 16, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: R. L. Palmer

Subject: DMEA 3981 (Tungsten) Contract Idm-3921, Elmer Hetzer et al (Pennsylvania lode) Boulder County, Colo. -- Progress report for June 1956

The progress reported this period under the subject short-form contract -- 73 feet of drifting on the 80-foot level of the Pennsylvania shaft -- was verified during an inspection of the property July 5, 1956.

Last period, a short crosscut was driven northerly from an 80-foot depth in the shaft to intersect the Pennsylvania vein from which point the authorized project drift was extended 11 feet westerly along the vein (see operator's progress map). During June, the project drift was advanced an additional 73 feet westerly along the vein to a point 84 feet from the crosscut. On the date of inspection, the breast of the heading measured some 91 feet from the east rib of the crosscut.

The Pennsylvania vein, as presently exposed on the 80-foot level, ranges between 18 and 30 inches in width between well defined walls of granite. Along the initial 18 feet of the project drift, the structure contained good grade ferberite disseminated across its full width. Between 18 and 55 feet along the drift, the vein continued strong and well defined but was mostly barren of tungsten mineralization. The vein contained a 6-inch streak of fairly high grade, bracciated ferberite between 55 and 67 feet in the drift. Westerly beyond this section, however, the mineralization weakened. It was confined to a number of narrow streaks that were distributed across the full width of the structure. In the current breast of the heading, the vein is some 30 inches wide and dips about 45° northwesterly.

The work for which the operator claims reimbursement this period was performed according to the specifications stipulated in the contract. The $2190.00 total costs reported on the operator's MF-104 forms -- equivalent to 73 feet of drifting at the agreed upon unit price of $30.00 per foot -- are approved. Reimbursement to the operator of 75 percent of the approved reported costs, or $1,642.50, are recommended.

R. L. Bolmer

R. L. Bolmer
Mining Engineer

RLB/mr
cc: 6
Idm-2941
Chron

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
AUG 10 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1956 Docket No. DMEA 3981 Contract No. IDM-E921
Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso Minerals Tungsten
Address P. O. Box 641, Boulder, Colo.
Contract Amount, $ 16,100.00 Government Participation: 75 % Amount, $ 12,075.00

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	$2190.00	$330.00	$2520.00			
Sinking		$6000.00	$6000.00			
(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		5.00	5.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$2190.00	$6335.00	$8525.00	2,190.00	6,335.00	8,525.00

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

Date July 6, 1956 *Payee Elmer Hetzer, George Prime, Richard Betasso, Ernest Betasso

Per Elmer Hetzer Title Partner

*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:

$ 1642.50

Signature
(Authorized Certifying Officer)

Date 8/7/56 Vou. No. DMA 57-16

(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. E921 in accordance with the terms of the contract.

Signature P. H. Bolney, $1,642.50 Title Mining Engineer Date JUL 12 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Davey Title Executive Officer Date AUG 3 1956

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 AUG 10 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1956 Docket No. DMEA 3981 Contract No. IDM-E921

Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso

Address P. O. Box 641, Boulder, Colo.

Minerals Tungsten

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	$2190.00	73	$2520.00	84		250	$30.00
~~Crosscutting~~ Timbering	Feet						100	7.00
Raising	Feet						50	35.00
Shafts	Feet			6000.00	75		75	80.00
~~Winzes~~ Assaying	Each			5.00	1		30	5.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$2190.00		$8525.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$2190.00		$8525.00				$16100.00

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.

Elmer Hetzer, George Prime

Date June 6, 1956 Operator Richard Betasso, Ernest Betasso

Per Elmer Hetzer Title Partner

REMARKS: Project work commenced March 5, 1956, Shaft & Crosscut in hanging wall completed in May, 1956, 84 feet of drifting completed in June, 1956.

→ 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)

R. G. Bolmer

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

Nederland, Colorado
July 6, 1956

John P. Shaw
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 2, Colorado

Re: Docket DMEA 3981 (Tungsten)
Contract Idm - E921

Narrative Report

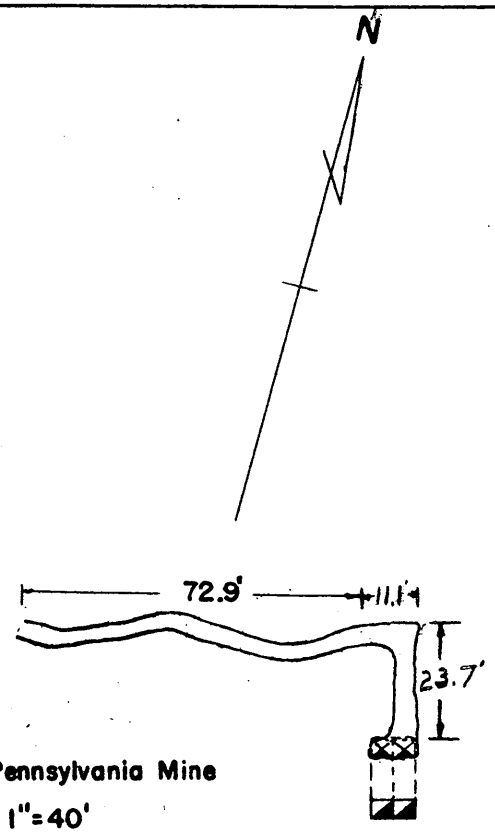
Dear Mr. Shaw:

As you will note on map that the vein is irregular or wavy and much flater than the showing on the surface.

The ore showing in vein is irregular but considerable ore showing in same.

I will attempt to sample and send you results with our next report.

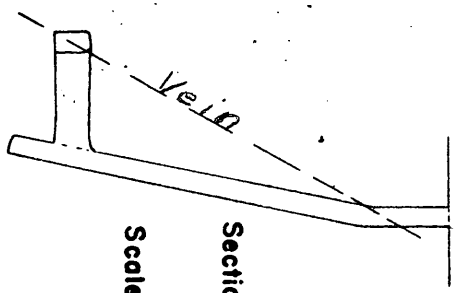
Elmer Kitzer
Yours very truly,



Plan of Pennsylvania Mine

Scale 1"=40'

DATE 1 / JULY / 1956



Section through Pennsylvania shaft.

Scale 1"=40'

400

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

RECEIVED
JUN 27 1956

224 New Customhouse
Denver 2, Colorado

June 18, 1956

FINAL DISTRIBUTION
MADE JUN 25 1956

Memorandum

To: T. A. Christensen

WJM

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3981 (Tungsten) Contract Idm-E921, Elmer Hetner, et al. (Pennsylvania lode) Boulder County, Colorado-Operator's Monthly Progress Report for the month of May, 1956

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.

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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----------June 11, 1956
Date Received in Field Office---------- June 13, 1956
Date Received in Region Office---------- June 15, 1956

W. M. TRAVER

W. M. Traver

Enclosures
JDC:jy
cc: MF-104 File E921
Sec. Op. Comm. (2)
Shaw (2)
Chron.

MF-104
May

Region III

Building 20
Denver Federal Center
Denver 2, Colorado
June 13, 1956

DMEA
Date Rec'd,
JUN 15 1956
BUREAU OF MINES
Denver, Colorado

Memorandum

To: Executive Officer, DMEA Field Team, Region III
Through: John F. Shaw
Supervising Mining Engineer

From: R. L. Bolmer

Subject: DMEA 3981 (Tungsten), Contract Idm-8921, Elmer Metzer et al. (Pennsylvania lode), Boulder County, Colo. -- Progress Report for May 1956.

The progress reported this period under the subject short-form contract--9 feet of shaft sinking and 11 feet of drifting--was verified during an inspection of the property June 11, 1956.

During May, the shaft was sunk an additional 9 feet to a total depth of 90 feet below its collar. This advance completed the 75 feet of sinking authorized under the contract. The lower 10 feet of the shaft will serve as a sump for the laterals to be driven on the 80-foot level. A shaft station was excavated at a depth of 80 feet and a crosscut was extended some 20 feet north from the station to intersect the Pennsylvania vein. Neither the shaft station nor the crosscut are specifically provided for in the contract and the cost of such work, therefore, has not been reported for reimbursement. The authorized 80-foot drift had been advanced 11 feet southwesterly along the Pennsylvania by the end of the month. By the date of inspection, this heading had been extended an additional 21 feet for a total distance of 32 feet along the vein.

The Pennsylvania vein, where first exposed on the 80-foot level, ranges between 18 and 23 inches in width between walls of granite. It strikes about S. 75° and dips 45° to 50° NW. Along the first 18 feet of the project drift, the vein contains good grade ferberite which is disseminated over the full width of the structure. The mineral occurs as veinlets and as a filling within a gangue of talc, horn quartz, and brecciated wall rock. A sample by the operator taken across a 5-inch section of the vein where first intersected by the crosscut assayed 4.96 percent WO_3. The structure exposed along the bottom of this section of the drift as well as in the Northeast breast is strong and well mineralized. The structure remained strong and well defined along the southwestern sections of the project heading but was mostly barren of ferberite.

The work for which the operator claims reimbursement to this period was completed according to the specifications stipulated in the contract. The $1,055.00 total costs reported on the operator's MF-104 forms--equivalent to 9 feet of shaft sinking and 11 feet of drifting at the agreed upon unit prices of $80.00 and $30.00 per foot respectively plus 1 assay at $5.00--are approved. Reimbursement to the operator of 75 percent of the approved costs, or $791.25 is recommended.

R. L. Bolmer

R. L. Bolmer

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

RECEIVED
JUN 27 1956

Month of May, 1956 Docket No. DMEA 3981 Contract No. Idm-E921
Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso Minerals Tungsten
Address P. O. Box 641, Boulder, Colo.
Contract Amount, $16,100.00 Government Participation: 75 % Amount, $12,075.00

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	$330.00		$ 330.00			
Sinking	720.00	$5,280.00	6,000.00			
(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	5.00		5.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1,055.00	$5,280.00	$6,335.00	1055.00	5280.00	6335.00

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

Date June 11, 1956 *Payee Elmer Hetzer, George Prime, Richard Betasso, Ernest Betasso

Per Elmer Hetzer Title Partner

*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:

$ 791.35

Signature [illegible]
(Authorized Certifying Officer)

Date 6/19/56 Vou. No. DMEA 56-121

(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. DMA-E921 in accordance with the terms of the contract.

Signature R. L. Palmer, $791.25 Title Mining Engineer Date JUN 13 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Newer Title Executive Officer Date JUN 18 1956

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
JUN 27 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May, 1956 Docket No. DMEA 3981 Contract No. DM-E921

Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso Minerals Tungsten

Address P. O. Box 641, Boulder, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	$330.00	11	$330.00	11		250	$30.00
~~Crosscutting~~ Timbering	Feet						100	7.00
Raising	Feet						50	35.00
Shafts	Feet	720.00	9	6000.00	75		75	80.00
~~Winzes~~ Assaying	Each	5.00	1	5.00	1		30	5.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1055.00		$6335.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1055.00		$6335.00				$16100.00

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

Date June 11, 1956 Operator Elmer Hetzer, George Prime, Richard Betasso, Ernest Betasso

Per Elmer Hetzer Title Partner

REMARKS: Project work commenced March 5, 1956. Shaft and crosscut in hanging wall completed in May, 1956.

→ 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)

R. L. Bolmer

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

RECEIVED
JUN 27 1956

Nederland, Colorado
June 11, 1956

John P. Shaw
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 2, Colorado

Re: Docket DMEA 3981 (Tungsten)
Contract Idm - E921

Narrative Report

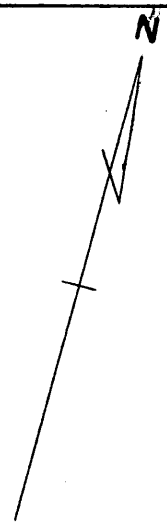
Dear Mr. Shaw:

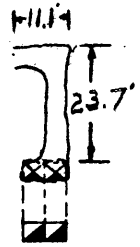
We completed shaft and timbering including 10' sump, 23' crosscut in hanging wall of shaft to vein, as well as 11' of drifting in May, 1956.

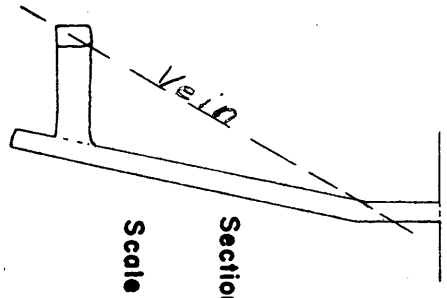
When the vein was cut we took a sample cut out of back of crosscut 5" wide which assayed 4.96 % WO_3 (Certificate attached). The vein was larger in bottom of crosscut showing 18" to 23" wide. I feel this ore body is not the same as showing in pits some 150' up the hill to the West of shaft therefore we expect to pick up another ore body as our drift extends to the West some 100 feet.

Yours very truly,

Elmer Hetzler







Section through Pennsylvania shaft.

Scale 1"=40'

Plan of Pennsylvania Mine

Scale 1"=40'

DATE 1 / JUNE / 1956

CERTIFICATE OF ANALYSIS

HILL & JUDE

. . . . . Assayers and Engineers

800-812 Pearl Street Phone HI 2-1629 Boulder, Colorado

June 5, 1956

DETERMINATIONS MADE FOR: Elmer Botsor

5/31/56

Special 4.96% WO_3

CHARGES:

HILL & JUDE

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

400

224 New Customhouse
Denver 2, Colorado

May 10, 1956

FINAL DISTRIBUTION
MADE MAY 15 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket ~~3891~~ 3981 (Tungsten) Contract Idm-E921, Elmer Hetmer et al., (Pennsylvania Lode) Boulder County, Colorado - Operator's Monthly Progress Report for the month of April, 1956

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.

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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----------May 1, 1956
Date Received in Field Office---------- May 2, 1956
Date Received in Region Office--------- May 4, 1956

W. M. TRAVER

W. M. Traver

Enclosures

JDC:jy
cc: MF-104 File E921
Sec. Op. Comm. (2)
Shaw (2) Chron.

RECEIVED
MAY 17 1956

MF-104A April 56

DMEM
Date Rec'd

MAY 4 1956

BUREAU OF MINES
Denver, Colorado

REGION XII

Building 20
Denver Federal Center
Denver 2, Colorado
May 3, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region XII

Through: John F. Shea
Supervising Mining Engineer

From: R. L. Balmer

Subject: DMEA 7561 (Tungsten), Contract 14s-7561, Elmer Ketner et al. (Pennsylvania Lode), Boulder County, Colorado -- Progress report for April 1956

The progress reported this period under the subject short-form contract -- 26 feet of shaft sinking -- was verified during an inspection of the property May 2, 1956.

On the date of inspection, the shaft measured 81 feet below its collar. The existing depth of the shaft at the start of project operations on March 5, 1956 was 15 feet. The operator completed and reported for reimbursement 38 feet of sinking during the first month of project operations. The 26 feet of sinking advance reported for the April period, therefore, is valid and proper. The progress for both the current and the previous periods is recorded properly on the April MF-105 forms. The shaft is timbered according to contract specifications to a depth of some 75 feet. The operator stated that the shaft timbers would be realigned and the sump would be put in first class condition when the sinking operations are completed.

The lower sections of the shaft are within a rather hard and unaltered granite in the footwall of the Pennsylvania vein. A crosscut to the vein has been started at a depth of 50 feet. On the date of inspection the crosscut had been advanced some 10 feet north from the shaft. After this heading has been extended a safe distance away from the shaft, the remaining 5 feet of authorized sinking will be completed. The portion of shaft below the 50-foot level will serve as a sump and provide room for holding the hoisting bucket.

In so much as the shaft was to have been sunk on the vein and as the sinking crew inadvertently failed to follow the flattening dip of the structure, the operator has agreed to complete the crosscut to the vein at his own expense. The length of the required crosscut should not exceed 20 feet unless the structure flattens much more than is presently apparent.

The $2,500.00 total costs reported for the April period on the operator's MF-124 forms -- equivalent to the completed 25 feet of shaft sinking at the agreed upon unit price of $100.00 per foot -- are approved. Reimbursement to the operator of 75 percent of the reported and approved costs, or $1,875.00, is recommended.

R. L. Bolmer
Mining Engineer

RLB/mr

cc: 6
Idaho-Spokane
Chron

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

Budget Bureau No. 42-R1036.5

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

Month of April, 1956 Docket No. DMEA 3981 Contract No. Idm - E921
Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso Minerals Tungsten
Address P. O. Box 641, Boulder, Colo.
Contract Amount, $ Government Participation: % Amount, $ 12,075.00

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						
Sinking	$2,240.00	$3,040.00	$5,280.00			
(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	$2,240.00	$3,040.00	$5,280.00	2240.00	3040.00	5,280.00

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

Date May 1, 1956 *Payee Elmer Hetzer, George Prime, Richard Betasso, Ernest Betasso

Per Elmer Hetzer Title Partner

*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.

RECEIVED
MAY 17 1956

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:

$ 1680.00

Signature [illegible]
(Authorized Certifying Officer)

Date 5/11/56 Vou. No. DMA 56-108

(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. Adm-E 921 in accordance with the terms of the contract.

Signature R. L. Palmer, $1680.00 Title Mining Engineer Date MAY - 3 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date MAY 10 1956

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

Month of April, 1956 Docket No. DMEA 3981 Contract No. ldm-E921

Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso Minerals Tungsten

Address P. O. Box 641, Boulder, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet						250	$30.00
~~Crosscutting~~ Timbering	Feet						100	7.00
Raising	Feet						50	35.00
Shafts	Feet	$2,240.00	28	$5,280.00	66	$80.00	75	80.00
~~Winzes~~ Assaying	Each						30	5.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$2,240.00		$5,280.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$2,240.00		$5,280.00				$16,100.00

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 1, 1956 Operator Elmer Hetzer, George Prime, Richard Betasso, Ernest Betasso

Per Elmer Hetzer Title Partner

REMARKS: Project work commenced March 5, 1956, Continued through April, 1956

→ 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)

RECEIVED
MAY 17 1956

R. L. Bolmer

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

Nederland, Colorado
May 1, 1956

John P. Shaw
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 2, Colorado

Re: Docket DMEA 3981 (Tungsten)
Contract Idm - E921

Narrative Report

Dear Mr. Shaw:

As you will notice by our report the amount of shaft sunk in March was 38 feet and for April 28 Feet, The reason for no more footage in April was due to labor trouble but we now feel that we have worked this out satisfactory and will complete the sinking by next week.

The shaft is in the foot wall of the vein and just as soon as the shaft is complete we will cross-cut to the vein at our expense, I hope this arrangement is satisfactory.

Yours very truly, Elmer Hitzer

R.L.B.

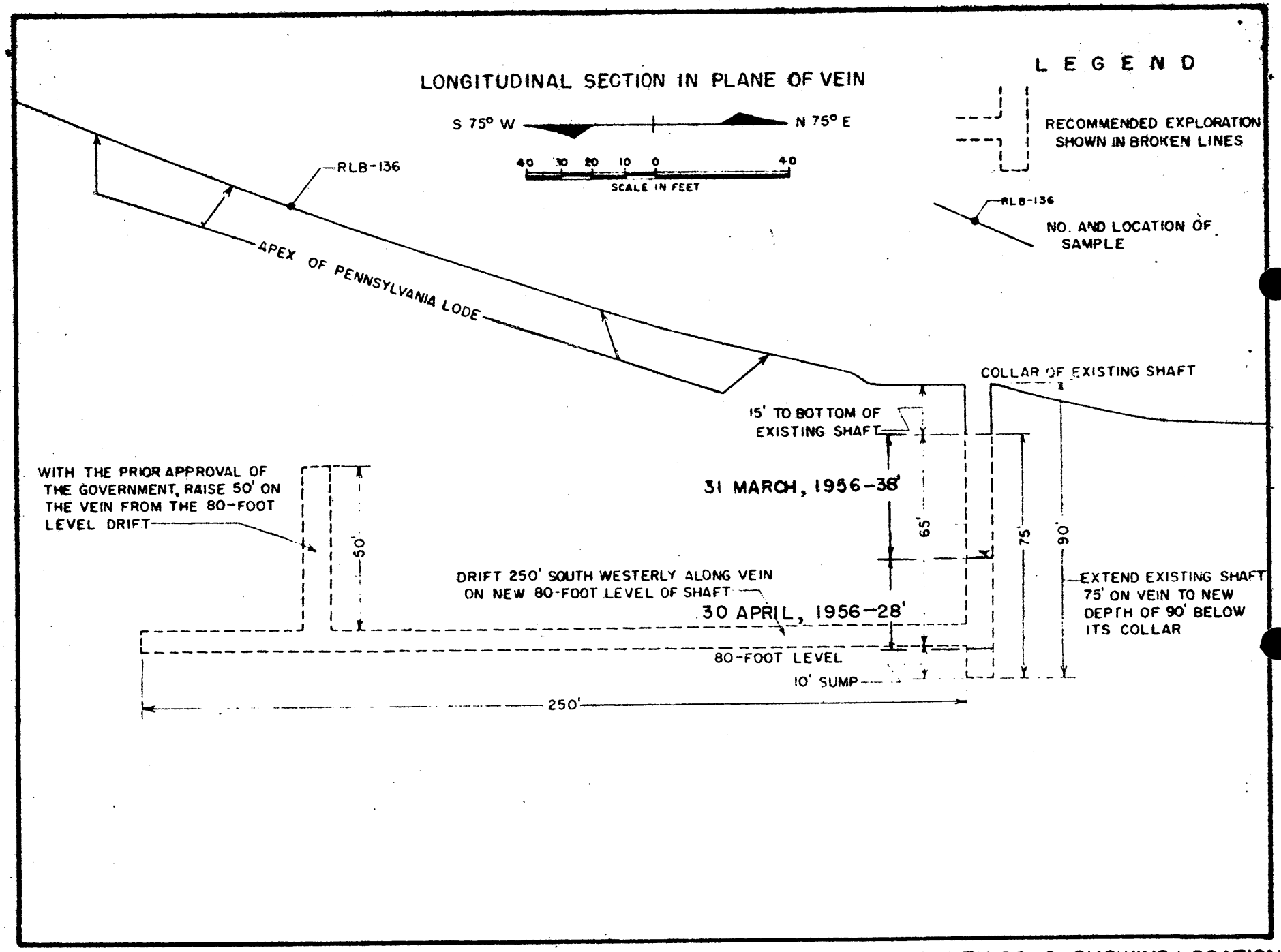


FIGURE 3 - LONGITUDINAL SECTION ALONG THE PENNSYLVANIA LODE, BOULDER COUNTY, COLO., SHOWING LOCATION AND EXTENT OF RECOMMENDED EXPLORATION. (ELMER HETZER ET AL. DMEA 3981 (TUNGSTEN)

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

RECEIVED
APR 2 5 1956

224 New Customhouse
Denver 2, Colorado

FINAL DISTRIBUTION
MADE APR 23 1956

April 16, 1956

WMT

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3981 (Tungsten) Contract Idm-E921, Elmer Hetzer et al (Pennsylvania lode) Boulder County, Colorado. Operator's Monthly Progress Report for the period March, 1956

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----------April 6, 1956
Date Received in Field Office---------- April 10, 1956
Date Received in Region Office---------- April 13, 1956

W. M. TRAVER

W. M. Traver

Enclosures
RDB:jy
cc: MF-104 File E921
Sec. Op. Comm. (2)
J. F. Shaw (2)
Chron.

MF 104'S
Mar. 1956

DMEA
Date Rec'd.

APR 13 1956

BUREAU OF MINES
Denver, Colorado

REGION XXX

Building 20
Denver Federal Center
Denver 2, Colorado
April 13, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shea

From: R. L. Balmer

Subject: DMEA 3541 (Tungsten), Contract IdM-3501, Elmer Metzner et al, (Pennsylvania lode), Boulder County, Colorado -- Progress report for March 1956

The progress reported this period under the subject short-form contract -- 38 feet of shaft sinking -- was verified during an inspection of the property on April 5, 1956.

The initial project work authorized under the contract -- the deepening of an existing 15-foot shaft on the Pennsylvania vein -- commenced March 5, 1956. On the date of inspection, the shaft had been sunk to a depth of 38 feet below its collar for a net advance under the contract to that date of 43 feet. Thirty-eight feet of the net advance was completed during the month of March 1956 and this footage is correctly shown in the operator's progress report for that period.

The shaft is being sunk and timbered to the size stipulated in the contract. The vein was followed by the shaft to a depth of some 25 feet below the collar at which point it flattened appreciably. Instead of following the structure as instructed, the operator's independent contractors continued sinking on the original inclination. As a result, the lower sections of the shaft are in the granite footwall of the vein. The operator was advised to flatten the final sections of the shaft more rapidly and attempt to get back on the vein.

The $1,040.00 total costs reported on the operator's MF-104 forms for the March period -- equivalent to the completed 38 feet of shaft sinking at the agreed upon unit price of $80.00 per foot -- are approved. Reimbursement to the operator of 75 percent of the reported costs, or $2,280.00, is recommended.

R. L. Balmer

R. L. Balmer
Mining Engineer

RLB/mr
cc: 6
IdM-3501
Chron

Form MF-10 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
APR 2 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1956 Docket No. DMEA 3981 Contract No. Idm - E921
Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Minerals Tungsten
Address P. O. Box 641, Boulder, Colo. Ernest Betasso
Contract Amount, $ 16,100.00 Government Participation: 75 % Amount, $ 12,075.00

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						
Sinking	$3,040.00		$3,040.00			
(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	$3,040.00		$3,040.00	3,040.00		3,040.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 6, 1956 *Payee Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso

Per Elmer Hetzer Title Partner

*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:

$2280.00

Signature [illegible]
(Authorized Certifying Officer)

Date 4/17/56 Vou. No. 2-DMEA 56-97

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 921 in accordance with the terms of the contract.

Signature R. Bolmer, $2,280.00 Title Mining Engineer Date April 12, 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk

Signature W. M. Lacy Title Executive Officer Date APR 16 1956

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

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APR 2 5 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1956 Docket No. DMEA 3981 Contract No. Idm - E921

Operator's Name Elmer Hetzer, George Prime, Richard Betasso and Ernest Betasso Minerals Tungsten

Address P. O. Box 641, Boulder, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet						250	$30.00
Crosscutting Timbering	Feet						100	7.00
Raising	Feet						50	35.00
Shafts	Feet	$3,040.00	38	$3,040.00	38	$80.00	75	80.00
Winzes Assaying	Each						30	5.00
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$3,040.00		$3,040.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$3,040.00		$3,040.00				$16,100.00

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.

Elmer Hetzer, George Prime

Date April 6, 1956 Operator Richard Betasso, Ernest Betasso

Per Elmer Hetzer Title Partner

REMARKS: Project work commenced March 5, 1956

→ 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)

R. L. Bolmer

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

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APR 2 1956

Nederland, Colorado
April 6, 1956

John F. Shaw
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 2, Colorado

Re: Docket DMEA 3981 (Tungsten)
Contract Ldm-E921

Narrative Report

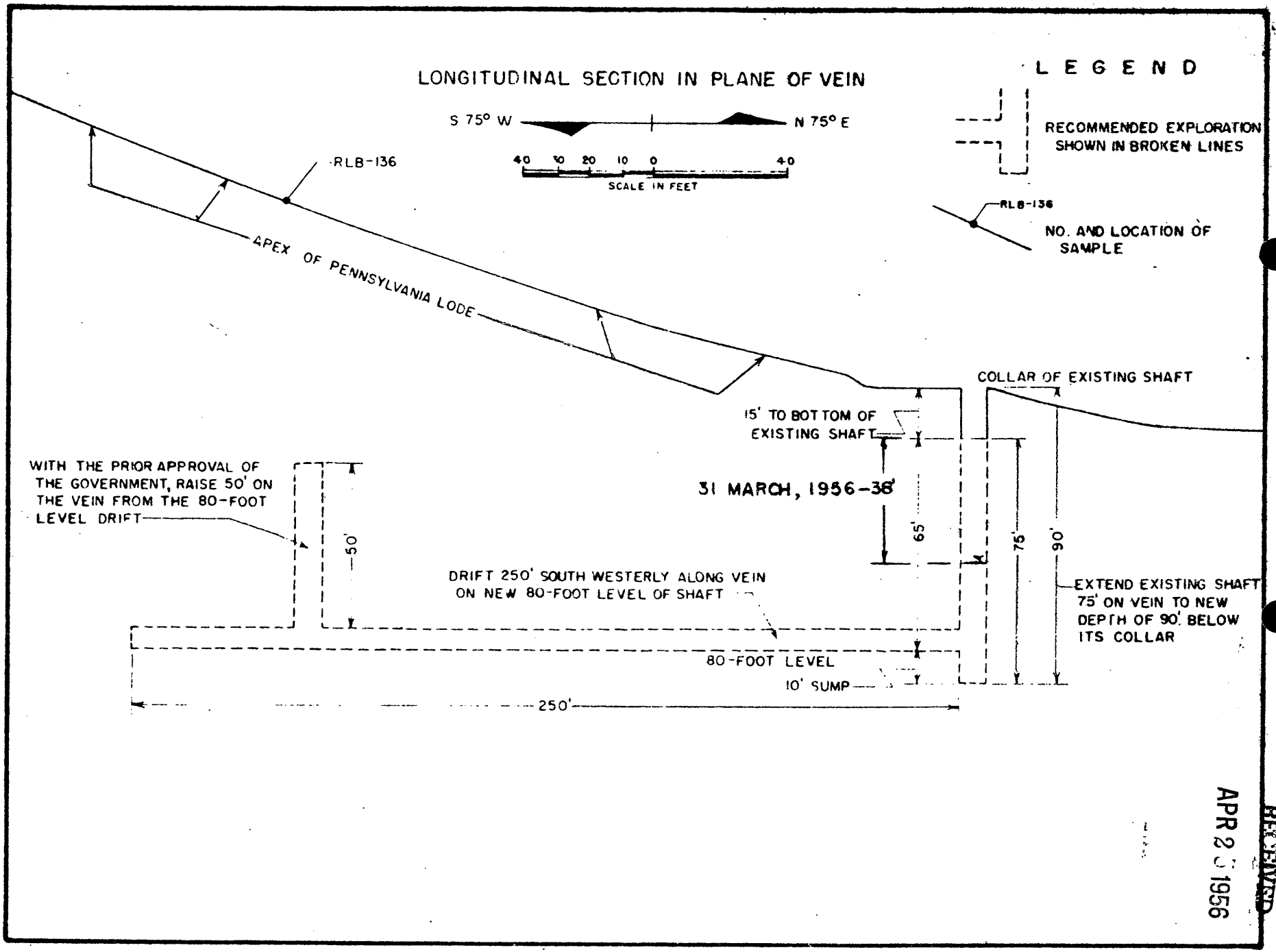
Dear Mr. Shaw:

We contracted the shaft sinking work on March 5, 1956, with instructions to sink on the vein. On March 17th, I found that the vein had pitched sharply to the North and that the shaft was leaving the vein. At that time I told the contractor to ease toward the vein and endeavor to get the shaft back on the vein without making an abrupt turn in the shaft.

As you will notice by our report the amount of shaft sunk in March was 38 feet.

Very truly yours,

Elmer Hetzer - Partner



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APR 2 1956

FIGURE 3 - LONGITUDINAL SECTION ALONG THE PENNSYLVANIA LODE, BOULDER COUNTY, COLO., SHOWING LOCATION AND EXTENT OF RECOMMENDED EXPLORATION. (ELMER HETZER ET AL. DMEA 3981 (TUNGSTEN)