September 10, 1958

Memorandum

To: Wingfield R. Chamberlain, Statistics Branch

From: W. R. Griswold, Director
Division of Base Metals

Subject: Semi-annual reports on certified projects, period January 1 to June 30, 1958

The following projects were inactive during the cited period:

DMEA	1066,	Idm-4	122	- Shelton Mining Co.
"	2685	"	385	- Dale Mining Co.
"	1098	"	134	- Combined Metals Reduction Co.
"	1371	"	18	- National Lead Co.
"	1094	"	16	- Mailriver Mining Co.
"	989	"	131	- Harrington Mines Co.
"	2309	"	295	- Comet Mines, Inc.
"	1923	"	360	- United Mining Development Co.
"	2341	"	436	- Western States Copper Corp.
"	3385	"	739	- Elkhorn Cons., Inc.
"	2672	"	437	- Dukes Page Auto Co.
"	1 & 1A	"	4	- Chief Cons. Mining Co.

W. R. Griswold

WRG/ism

Copies for each docket

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Base Metals

Report Period 7/1/57 - 12/31/57

DMEA No.	Operator	Contract No.
1923	United Mining Development Company	Idm-E340

ORE ESTIMATES

	Tons	Analysis
DMEA 270	270	
Operator to date		
Total		
Production to date	194	
Ore in ground	76	

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Prepared by W. R. Griswold/er Date 4/28/58

31398

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

500

February 24, 1958

Memorandum

To: The Administrator

From: Director, Division of Base Metals

Subject: Summary of Certified Projects.

We have reviewed the 92 certified projects in the Division of Base Metals with a view of sorting out the "weak sisters".

The following 16 certifications appear to have little actual value, for the reasons stated.

It is probable that many of the other certifications will never go into production, yet you and I are both old enough to know that the much-marginal ores today are the normal millstones of tomorrow. Obviously, much will depend upon the trend of the metal market over the next six or eight years.

Certifications of Doubtful Value

Locust No.	Contract No.	Name
LM-[illegible]-00	1dm-[illegible] 7	Combined Metals Reduction Company
		1,000 tons - small ore pod, practically worked out.
LM-[illegible]-113	1dm-[illegible]265	New Quincy Mining Company
		Small ore pod - about 100 tons, substantially worked out.
[illegible]-420	1dm-[illegible] 10	Bristol Silver Mines, Company
		2,365 tons - 15% Mn.
		Small bunch of low grade manganese material of no apparent value.

8623

Certifications of dubious value (continued)

Docket No.	Contract No.	Name
DMEA-1560	Idm-E 42	Dodgeville Mining Company 10,700 tons - 3.3 Zn. Small ore body. Company being liquidated.
DMEA-1561	Idm-E167	Dodgeville Mining Company 6,550 tons - 4.11 Zn. Small ore body. Company being liquidated, leases lapsed.
DMEA-1708	Idm-E229	Kentucky-Utah Mining Company Small ore pod, worked out.
DMEA-1923	Idm-K340	United Mining & Development Company Original reserve was 270 tons, of which 191 tons have been mined. Further production seems improbable.
DMEA-2184	Idm-E342	Mayer and Thiede Mining Company No reserve estimate - weak certification, leases lapsed.
DMEA-2280	Idm-E448	Utah Lode Company Reserve 5,000 tons - 4.7% Zn., 0.80% Pb., 5.3 oz. Ag. and 0.03 oz. Au. Small tonnage of impossibly low grade material.
DMEA-2358	Idm-E271	Belle Eldrige Gold Mines, Inc. Reserve 88,000 tons - 3.5% Zn., 0.54% Pb., For the location (South Dakota) the ore grade appears impossibly low.

WRE/er
Dockets (16)
Chron.

W. R. Griswold

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the period January 1 - June 30,1957

Base Metals Division Date **October 16, 1957**

Semi-Annual Report - Certified Project Date **July 7, 1957**

DMEA No. **1923** Operator **United Mining & Development Company** Contract No. Idm-E340

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production)		
Net Available		

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

A small amount of work was done by lessees who have since suspended Operations. A royalty payment of $2.37 was made but no data as yet.

W. R. Griswold/er

100338

DEFENSE MINERALS EXPLORATION ADMINISTRATION

To JANUARY 1, 1956

Base Metals MY Division Date June 8, 1956

Semi-Annual Report - Certified Project Date January 10, 1956

DMEA No. 1923 Operator United Mining and Development Company Contract No. Idm-E 340

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production) To December 31, 1955, 191		
Net Available		

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

No work done except assessment work.

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 14 1961

DATE	INITIALS	CODE
8-14		100
8/14		110
		~~120~~
8/15		800
8/		500
		~~500~~
		220

OFFICE OF MINERALS EXPLORATION

REGION III

Statement in Lieu of ~~Interim~~ Annual Report of Certified Project

Reporting Period Febr. 30, 1960 to Aug. 1, 1961

Docket and Contract Number DMEA 1923, Idm E340 (Lead-Zinc)

Operator United Mining Development, Inc.
(Ida mine)
Tooele County, Utah

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

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

Remarks: Mr. W. F. Morgan, Nephi, Utah, who with Mr. Harold T. Morgan, 807 39th Ave., San Francisco, Calif. are owners of the property, told the undersigned that; (1) the property was inactive during the reporting period, and (2) neither he nor Harold T. Morgan have done assessment work on the property for the past two years.

OME asked the Claims Division, General Accounting Office, in a letter dated Febr. 6, 1961, to take such action as deemed necessary to collect past due royalty amounting to $27.19.

Signed T. M. Romslo

Date Aug. 10, 1961

OFFICE OF MINERALS EXPLORATION

REGION III

Statement in Lieu of Interim Report
of Certified Project

Reporting Period January 1, 1959 to February 29, 1960

Docket and Contract Number DMEA-1923, Idm-E340 (Lead-zinc)

Operator United Mining Development, Inc. (Ida mine), Tooele County, Utah

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

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

Remarks:

The United Mining and Development Co., Inc. is defunct. The owner, W. F. Morgan, reported that:

1. There was no production from the subordinated land during the reporting period.

2. "Due to the economic status of the lead-zinc mining industry in this country, we didn't feel justified in completing the assessment work required to hold these unpatented mining claims for last years."

The owners report relative to assessment work does not jibe with the following statement made by Rose P. Nisorger, County Recorder-- "Proof of Labor was mailed in, and shown by W. F. Morgan, with address listed as Santiquin, Utah."

Payment of $54.39 royalty due the Government was requested of W. F. Morgan in J. W. Townsend's letter dated February 24, 1960.

Signed T. M. Romslo

T. M. Romslo

Date March 16, 1960

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 6 1959

DATE	INITIALS	CODE
2-6	C	220
"	[illegible]	110
2/9	[illegible]	800
2/9	[illegible]	500

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period July 1, 1958 through December 31, 1958
Docket and Contract Number DMEA-1923, Contract Idm-E340
Operator United Mining Development Co.
(Ida Mine) (Lead-Zinc)

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

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

Remarks:

On the inspection trip of January 20, 1959, the mine was found to have been inactive during the reporting period.

Signed M. H. Howes
M. H. Howes

Date January 28, 1959

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

August 7, 1958

AUG 11 1958

8/11	J. G	225
11	Cont	100
11	JG	110
	CEO	800
		500

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1958 through June 30, 1958

DMEA Docket 1923 (Lead-Zinc)
Contract Idm-E 340
United Mining Development Co. (Ida mine)
Tooele County, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

Alternate Acting Executive Officer, DMEA
Field Team, Region III

Enclosures

dz

cc: Semiannual Report File E 340
DMEA/SLC
Harshman
Chron.

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period	January 1, 1958 through June 30, 1958
Docket and Contract Number	DMEA-1923, Contract Idm-E340
Operator	United Mining Development Co.

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

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

Remarks: On the inspection trip of July 15, 1958, the mine was found to have been inactive during the reporting period.

Signed M. H. Howes
M. H. Howes

Date August 4, 1958

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

9/18 C 220
9/23 ~~GRA~~ 500

September 16, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1957 through June 30, 1957
DMEA Docket 1923 (Lead-Zinc)
Contract Idm-E 340, United Mining Development Company, Inc. (Ida Mine), Tooele County, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

E. M. Hirelman

Acting Executive Officer
DMEA Field Team, Region III

Enclosures

MHM/vj

cc: Semiannual Report File E 340
DMEA/SLC
DMEA/DFC (2)
Harshman
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

DMEA
DEPARTMENT OF THE INTERIOR
SEP 3 - 1957
REGION III
DENVER, COLORADO

August 30, 1957

Memorandum

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

From: M. M. Howes

Subject: Docket No. DMEA-1922 (Lead-zinc), Contract Idm-E340, United Mining Development Co., Inc. (Ida mine), Tooele County, Utah

Attached are the original and nine copies of "Statement in Lieu of Semiannual Report" relative to the United Mining Development Co., Inc., property, Tooele County, Utah. The period covered is January 1 through June 30, 1957.

M. M. Howes

Enclosure

cc: J. B. Clemmer

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period	January 1, 1957, through June 30, 1957
Docket and Contract Number	Docket No. DMEA-1923, Contract Idm-E340
Operator	United Mining Development Co., Inc.

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

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

Remarks:

The property was inspected July 23, 1957.

On March 25, 1957, the property was leased to William C. Overson and Carl B. Anderson for a period of 2 years. Rehabilitation, including cleanup and timber repairs, was conducted in the main adit. A royalty check in the amount of $2.57, together with settlement sheets dated June 27, 1957, were received in Denver from a shipment of ore to Combined Metals Reduction Co., probably made in June 1957. This production will be reported on the semiannual report for July 1 through December 31, 1957.

At the time of inspection the lessees had suspended operations.

Signed M. H. Howes
M. H. Howes

Date August 30, 1957

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

May 6, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 8 1957

DATE	INITIALS	CODE
5-8	C	220
9	Com	100

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1956 through December 31, 1956
DMEA Docket 1923 (Lead-Zinc)
Contract Idm-E 340, United Mining Development Co. (Ida Mine), Tooele County, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

E. M. Harshman

XXXXXXXXXXXX
Acting Executive Officer, DMEA
Field Team, Region III

Enclosures

MHM/vj
cc: Semiannual Report File E 340
S. R. Wilson
Harshman
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

DMEA
DEPARTMENT OF THE INTERIOR
MAY 2 - 1957
REGION III
DENVER, COLORADO

May 1, 1957

Memorandum

To: K. N. Harshman, Acting Executive Officer, DMEA Field Team, Region III

From: Supervising Mining Engineer

Subject: Docket No. DMEA-1955 (Lead-zinc), Contract 14m-2940, United Mining Development Co., Tooele County, Utah

Enclosed are the original and eight copies of "Semiannual Report of Certified Project" covering the property of United Mining Development Co., Tooele County, Utah. The report covers the period July 1, 1956, to December 31, 1956. The property was inactive during the period.

Stephen R. Wilson

Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

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DATE | CODE

Semiannual Report of Certified Projects

Reporting Period	July 1, 1956, to December 31, 1956
Docket and Contract Number	DMEA-1923, Contract Idm-E340
Operator	Harold and W. F. Morgan, Santaquin, Utah Formerly United Mining Development Co.
Commodity	Lead-zinc
Mine Name	Ida
County and State	Tooele County, Utah
Date of Contract	June 6, 1952
Date of Certification	December 4, 1953
Expiration Date of Royalty Payments	June 6, 1962
Date of Examination for this Report	April 15, 1957
Total Amount of Contract	$16,548.00
Total Expenditures under Contract	$16,134.30
Amount of Government Participation at 50 %	$ 8,067.15
Royalty Payments this Period	None
Previous Royalty Payments	$91.70
Total Royalty Payments to Date	$91.70
% Loan Repayment Completed	1.14%
Amount of Royalty Due	None
Royalty Remarks	None

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DATE CODE

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [ ] Survey [X] Joint [ ]	2.70	Pb 6-8; Zn 7-8
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	-	-
Increase of Reserves by work performed subsequent to DMEA project work	None	

		Tons	Ag	Pb	Zn
Production DMEA ore	(This period)	None			
	(Previous)	191.004	1.0	8.0	9.0
	(To date	191.004	"	"	"
" Operator's ore found subsequent to DMEA work	(This period)	None			
	(Previous)	None			
	(To date)	None			

Percent Revised Reserves Mines 70.74

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [ ] Applied for [ ] Rec'ing pmt [ ] Paid up [ ]

Pounds U_3O_8 produced this period eligible for Bonus _____

Amount of Bonus paid to Operator this period $_____

Total pounds U_3O_8 produced to date eligible for Bonus _____

Total amount of Bonus paid to Operator to date $_____

Bonus Royalty Paid $_____

Bonus Royalty Due $_____

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost
-	-	-	-	-	-	-	-	-

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost
-	-	-	-	-	-	-	-

Facilities

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

Remarks

Signed M. H. Lowes (Engineer)

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

RECEIVED
AUG - 3 1956

224 New Customhouse
Denver 2, Colorado

Date: July 30, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1956 through June 30, 1956
DMEA Docket 1923 (Lead-Zinc)
Contract Idm-E 340 United Mining Development Co., Inc. (Ida Mine), Tooele County, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office and Memorandum 29.

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

Enclosures
MHM/vj
cc: Semiannual Report File E 340
Royalty File E340
S.R. Wilson
E. N. Harshman
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

DMEA
Date Rec'd.
JUL 30 1956

RECEIVED
AUG - 3 1956
BUREAU OF MINES
Denver, Colorado

July 27, 1956

Memorandum

To: W. H. Treyer, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA-1953 (Lead-zinc), Contract Idm-3340, Harold Morgan and W. F. Morgan, Ida Mine, Tooele County, Utah

Enclosed are the original and eight copies of Semiannual Report of Certified Project pertaining to the subject property for the period January 1, 1956, to June 30, 1956. The property was examined by E. E. Evans July 18, 1956.

No operations have been conducted on the property during the reporting period. The former lessee, United Mining Development Co., has relinquished the property and it has reverted to the owners, Harold Morgan and W. F. Morgan.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

RECEIVED
AUG - 3 1956

Semiannual Report of Certified Projects

Reporting Period	January 1, 1956, to June 30, 1956
Docket and Contract Number	DMEA-1923, Contract Idm-E340
Operator	Harold Morgan and W. F. Morgan, Santaquin, Utah *
Commodity	Lead-zinc
Mine Name	Ida
County and State	Tooele County, Utah
Date of Contract	June 6, 1952
Date of Certification	December 4, 1953
Expiration Date of Royalty Payments	June 6, 1962
Date of Examination for this Report	July 18, 1956
Total Amount of Contract	$16,548.00
Total Expenditures under Contract	$16,134.30
Amount of Government Participation at 50 %	$ 8,067.15
Royalty Payments this Period	None
Previous Royalty Payments	$91.70
Total Royalty Payments to Date	$91.70
% Loan Repayment Completed	1.14%
Amount of Royalty Due	None
Royalty Remarks	None

*Formerly United Mining Development Co.

Original Estimate of Reserves (from Final Engr.-Geol. Report): 270 tons at 6 to 8% lead and 7 to 8% zinc

Increase of Reserves by work performed subsequent to expiration or termination of contract: None

Revised Estimate of Reserves: 270 tons at 6 to 8% lead and 7 to 8% zinc

Production this Period (Ore or Concentrates) None

Amount of Previous Production (since date of contract) 191.004 dry tons

Total DMEA Production to date 191.004 dry tons

% of Revised Reserves Mined 70.74%

Production Remarks:

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

The operator reported that no production was made during the period January 1, 1956, to June 30, 1956.

Other Remarks:

There has been no work done at the property during the reporting period.

The lease on the Ida mine held by United Mining Development Co. expired and the property has reverted to the owners, Harold Morgan and W. F. Morgan.

Signed M. E. Howes (Engineer)

RECEIVED

FEB 27 1956

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

224 New Customhouse
Denver 2, Colorado

Date: February 16, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1955 through December 31, 1955, DMEA Docket 1923 (Lead-Zinc), Contract Idm-E 340, United Mining Development Company, Tooele County, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office. and Memorandum 29

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

Enclosures
vj
cc: Semiannual Report File E 340
Royalty File E340
S. R. Wilson
E. N. Harshman
Chron.
R. W. Osterstock
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

DMEA RECEIVED
Date Rec'd FEB 2 1956

FEB 1 1956

BUREAU OF MINES
Denver, Colorado

January 30, 1956

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-1923 (Lead-zinc), Contract Idm-E340, United Mining Development Co., Tooele County, Utah

Attached are the original and eight copies of a Semiannual Report of Certified Project covering the subject contract for the period July 1, 1955 to December 31, 1955.

Stephen R. Wilson

Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

RECEIVED
FEB 27 1956

SEMIANNUAL REPORT OF CERTIFIED PROJECT

Reporting Period	July 1, 1955 to December 31, 1955
Docket and Contract Number	DMEA-1923, Contract Idm-E340
Operator	Harold and W. F. Morgan, Santaquin, Utah (formerly United Mining Development Co.)
Property owners. UMD Co. lease cancelled.	
Commodity	Lead-Zinc
Mine Name	Ida
County and State	Tooele County, Utah
Date of Contract	June 6, 1952
Date of Certification	December 4, 1953
Expiration date of Royalty Payments	June 6, 1962
Date of Examination for this Report	January 10, 1956
Total Amount of Contract	$16,548.00
Total Expenditures under Contract	$16,134.30
Amount of Government Participation at 50%	$8,067.15
Royalty Payments this Period	None
Previous Royalty Payments	$91.70
Total Royalty Payments to Date	$91.70
% Loan Repayment Completed	1.14%
Amount of Royalty Due	None
Royalty Remarks	None

Original Estimate of Reserves	270 tons at 6 to 8% lead and 7 to 8% zinc
Increase of Reserves by work performed subsequent to expiration or termination of contract	None
Revised Estimate of Reserves	270 tons at 6 to 8% lead and 7 to 8% zinc
Production this Period	None
Amount of Previous Production	191.004 dry tons
Total DMEA Production to date	191.004 dry tons
% of Revised Reserves Mined	70.74

270
191
79 T

Avail Res -

Production Remarks:

The operator reported that no production was made during the period July 1, 1955 to December 31, 1955.

Other Remarks:

Annual assessment work by two men, consisting of timber replacement and other maintenance of the lower tunnel workings toward the portal from the DMEA workings, extended into July 1955. A few tons of ore extracted during the course of maintenance work was stockpiled on the surface.

M. H. Howes

M. H. Howes

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

DMEA
Date Rec'd.
AUG 8 1955

August 4, 1955

RECEIVED
BUREAU OF MINES
Denver, Colorado
OCT 10 1955

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-1923 (Lead-zinc), Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah

Attached are the original and eight copies of a Semiannual Report of Certified Project pertaining to the subject property. The period covered is January 1, 1955 to June 30, 1955. The report was prepared by M. H. Howes. No ores were shipped from the property during the reporting period.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

RECEIVED
OCT 10 1955

SEMIANNUAL REPORT OF CERTIFIED PROJECT

January 1, 1955 to June 30, 1955

Docket:	DMEA-1923, Contract Idm-E340
Commodity:	Lead-zinc
Contractor:	United Mining Development Co., Inc., 144 West 2nd South Street Salt Lake City, Utah
Mine:	Ida
County and State:	Tooele County, Utah
Date of Certification:	December 4, 1953
Date of examination for this report:	July 6, 1955
Total contract amount:	$16,548.00
Total expended:	$16,134.30
Government participation:	$8,067.15, 50 percent
Expiration date for royalty payments:	June 6, 1962
Production this period:	None
Royalties this period:	None
Royalties to date:	~~$19.70~~ 91.70 due

The lease on the Ida mine held by United Mining Development Co., Inc. expired during the summer of 1954, and title to the property has reverted to the original owners, Harold Morgan and W. F. Morgan.

The only work done in the Ida mine during the period January 1, 1955 to June 30, 1955 was started the latter part of June. This work consisted of timber replacement and other maintenance of the lower tunnel workings performed by two men for the annual assessment work for the unpatented claims. These men plan to mine lead-zinc ore on a lease contract from the lower part of the mine after the assessment work is completed.

Thin quartzites and interbedded shales constitute the principal rocks at the Ida mine. Ores occur as small lenses or pods along the Blaine fissure, which is the most important mineralizer on the property. Approximately 200 tons of ore has been produced since the beginning of the DMEA project. Erratic ore occurrences make reliable estimations of ore reserves very difficult.

M. H. Howes, Mining Engineer

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

224 New Customhouse
Denver 2, Colorado

April 22, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Semi-Annual Report - Docket DMEA-1923 (Lead-Zinc), Contract Idm-E340, United Mining and Development Co., Inc., Tooele County, Utah

Enclosed are four copies of the Semi-Annual Report pertaining to Contract Idm-E340.

W. M. Traver

Enclosures

W. M. Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

DMEA
Date Rec'd.
APR 21 1955
BUREAU OF MINES
Denver, Colorado

April 19, 1955

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-1923 (Lead-zinc), Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah

Attached are the original and eight copies of Semiannual Report of Certified Project, covering the subject property for the period July 1, 1954 to December 31, 1954. The report was prepared by M. H. Howes.

The property was not operated during the reporting period. No ores have been shipped during recent months. Examination of the property has disclosed that the underground workings are in good condition, with only minor amounts of caving. The workings are readily accessible.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

July 1, 1954 to December 31, 1954

Docket:	DMEA-1923, Contract Ida-8340
Commodity:	Lead-zinc
Contractor:	United Mining Development Co., Inc., 144 West 2nd South Street, Salt Lake City, Utah
Mine:	Ida
County and State:	Tooele County, Utah
Date of Certification:	December 4, 1953
Date of examination for this report:	April 4, 1955
Total contract amount:	$16,548.00
Total expended:	$16,134.30
Government participation	$ 8,067.15, 50 percent
Expiration date of royalty payments:	June 6, 1962
Production this period:	None
Royalties this period:	None
Royalties to date:	$19.70 91.70 Back

No work has been done during the period July 1, 1954 to December 31, 1954. Drifts driven under the DMEA contract remain open and in good condition, despite a minor amount of normal sloughing, which in no way hinders access to the workings.

Thin quartzites and interbedded shales constitute the rocks at the Ida mine. Ores occur as small lenses or pods along the Kizina fissure, which is the principal mineralized zone on the property. Approximately 200 tons of ore has been shipped since the beginning of the DMEA project. Erratic ore occurrences make reliable estimates of ore reserves very difficult.

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

RECEIVED
SEP 30 1954

224 New Customhouse
Denver 2, Colorado

September 24, 1954

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 1923 (Lead-Zinc), Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah

Enclosed are the original and three copies of a semi-annual report relative to operations at the site of the subject project subsequent to the issuance of a Certification of Discovery or Development by the Defense Minerals Exploration Administration.

W. H. King

W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 30 1954

August 30, 1954

Mining Division
Date Rec'd
SEP 1 - 1954
BUREAU OF MINES
Denver, Colorado

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: Docket No. DMEA-1923 (Lead-Zinc), Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah.

Enclosed are the original and six copies of a Semiannual Report of Certified Project covering operations of the subject property for the period January 1, 1954 to June 30, 1954. The report was prepared by M. H. Howes.

The property was operated by sublease during the period and a total of 92.199 dry tons of ore was shipped. A royalty of $13.04 was paid to the Government. Total royalty paid to the Government to June 30, 1954 is $91.70.

Stephen R. Wilson
Stephen R. Wilson

Wilson
Roberts

SEMIANNUAL REPORT OF CERTIFIED PROJECT

January 1, 1954 to June 30, 1954

Docket:	DMEA-1923, Contract Idm-E340
Commodity:	Lead-zinc
Contractor:	United Mining Development Co., Inc. 144 West 2nd South Salt Lake City, Utah
Mine:	Ida
County and State:	Tooele County, Utah
Date of Certification:	December 4, 1953
Date of examination for this report:	August 19, 1954
Total contract amount:	$16,548.00
Total expended:	$16,134.30
Government participation:	(50 percent) $8,067.15
Expiration date for royalty payments:	June 6, 1962
Production this period:	92.199 dry tons
Royalties this period:	$13.04
Royalties to date:	$91.70

The 6-month sublease dated January 1, 1954, which was issued to Ronald Swift, Duane Smith, Bert Imeson, and Wetzel Imeson, expired June 30, 1954. During January the sublessees mined and shipped 57.79 dry tons of ore which had a net value of $12.522 per ton. The ore was mined from the raise which was driven on ore lens No. 1. A second shipment of 34.409 dry tons of ore, with a net value of $13.916 per ton, was mined partly from the same raise and partly from ore lens No. 3, and shipped late in March 1954. No other work, except a small amount of maintenance, has been done during the period January 1, 1954 to June 30, 1954. The drifting accomplished during the DMEA contract is open and in good condition. A minor amount of normal sloughing has occurred, but this in no way hinders access to the workings.

Rocks in the vicinity of the Ida mine are rather flat dipping, thin quartzites and interbedded shales. Ore bodies occur as small lenses or pods along the Blaine fissure, which is the principal mineralizer on the property. It has been reported that several hundred tons of ore was mined from the Blaine fissure, but

no ore production record prior to the DMEA project is available. Approximately 100 tons of ore was produced during the DMEA exploration, and 92,199 dry tons of ore was mined and shipped since January 1, 1954. Most of the ore exposed by the exploratory work has been removed. Reliable estimates of ore reserves cannot be made because of the lack of geologic evidence.

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

224 New Customhouse
Denver 2, Colorado

January 20, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-1923 (Lead-Zinc), Contract No. Idm-E340, United Mining Development Company, Inc., Tooele County, Utah - Semi-Annual Report of Certified Projects.

Enclosed are the original and three copies of the semi-annual report relevant to operations under the subject contract.

W H King
W. H. King

Enclosures

Semi-annual
on certified proj.

SEMIANNUAL REPORT OF CERTIFIED PROJECT

JULY 1, 1953 TO DECEMBER 31, 1953

Docket:	DMEA-1923, Contract Idm-E340
Commodity:	Lead-zinc
Contractor:	United Mining Development Co., Inc. 144 West 2nd South Street Salt Lake City, Utah
Mine:	Ida
County and State:	Tooele County, Utah
Date of Certification:	December 4, 1953
Date of examination for this report:	January 5, 1954
Total contract amount:	$16,548.00
Total expended:	$16,134.30
Government participation:	50 percent, $8,067.15
Expiration date of royalty payments:	June 6, 1962
Production this period:	12.359 dry tons
Royalties this period:	$14.00
Royalties to date:	$78.66

Since termination of the contract on May 31, 1953, a small amount of maintenance work has been done in the mine. A shipment of 12.359 dry tons of ore, which netted $30.69 per ton, was produced from the lower tunnel level along the Blaine fissure in October 1953. The Government received a royalty of $14.00 from this shipment.

The company issued a six-month sublease dated January 1, 1954, to Ronald Swift, Duane Smith, Bert Imeson, and Wetzel Imeson, for the purpose of further exploration and for the production of ore. The sublessees encountered ore of minable grade in advancing the raise that was driven on ore lens No. 1 about a year ago, and estimated that a 50-ton shipment of ore would be made by the middle of January. Diamond drilling is being planned for favorable areas by the sublessees.

Ore bodies at the United Mining Development Co., Inc., property occur as small lenses or pods along the Blaine fissure. Rocks in the vicinity of the property consist of thin quartzites and interbedded shales, and the Blaine fissure is the principal mineralizer. Approximately 100 tons of ore has been produced since the DMEA exploration project started. No production record prior to the DMEA project is available. Reliable estimates of ore reserves cannot be made because of the erratic ore occurrences.

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

224 New Customhouse
Denver 2, Colorado

January 5, 1954.

Keating
Betty

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-1923 (Lead-Zinc), Contract No. Idm-E340, United Mining Development Company, Tooele County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of May 1953.

Also enclosed are two copies of a memorandum to Mr. T. A. Christensen, dated December 17, 1953, relative to final payment under the terms of the subject contract.

Final payment to the Operator in the amount of $124.11 has now been made in conformance with the Report of Review by the Contract Administration and Audit Division, dated November 16, 1953.

W H King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

December 17, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-1925 (Lead-Zinc), Contract No. Idm-E340, United Mining Development Company, Tooele County, Utah. MF-104 forms for May 1953 - FINAL PAYMENT

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report and Engineer's Report for the above period, which constitutes the Operator's final accounting report under the terms of the contract.

Work has been accomplished as authorized in the contract and the Operator has complied with all requirements.

Final payment is recommended as follows, which is in conformance with the Report of Review by the Contract Administration and Audit Division, dated November 16, 1953, which was released to this office December 16, 1953.

Basis for Final Payment

Total accepted costs	$16,134.30
Government participation at 50%	8,067.15
Total prior payments	7,943.04
Balance due the Operator	$ 124.11

Reconciliation with attached
MF-104 Report for May 1953

Gross amount of Operator's claim	$ 248.22
Government participation at 50%	124.11

Date of Operator's Report	July 14, 1953
Date report received in Field Office	July 15, 1953
Date report received in Regional Office	September 8, 1953

W. H. King

Enclosures

JWT:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

September 4, 1953

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: Docket No. DMEA-1925 (Lead-zinc), Contract Ida-2340, United Mining Development Co., Tooele County, Utah. MF-104 forms for May 1953

Transmitted herewith are the original and four copies of MF-104 forms listing expenditures under the subject contract during May 1953. Inspection of the project was made June 2, 1953. The inspecting engineer's progress report is attached.

Progress during the reporting period consisted of 9 feet of advance in the zone of the Elaine fissure, making a total of 585 feet under the contract. No mineralization of consequence is present at this point. The operator believed it to be advisable to terminate the contract work at 585 feet.

Two small bodies of ore were encountered during the progress of the work. Two lots of ore were shipped.

It is recommended that the project work be considered completed without the necessity of preparation of a formal mutual termination agreement.

Recommendation is made that the operator be reimbursed in the amount of $124.11 for work accomplished during the reporting period, subject to audit of the accounts and acceptance of a final report from the operator.

The MF-104 forms were received from the operator July 15, 1953. Delay in transmitting the information resulted from the work load of the inspecting engineer and engagement in other DMEA work believed to be more urgently in need of completion.

A certification of discovery will be recommended for the project.

Stephen R Wilson
Stephen R. Wilson

Enclosure

S. R. Wilson September 3, 1953

M. H. Howes

Docket No. DMEA-1923 (Lead-Zinc), Contract Ida-X140, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for May 1953

The Ida mine was inspected on June 2, 1953. It is verified that progress for May in the amount of 9 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

Except for slight pyrite mineralization, the last 9 feet of advance along the westerly structure in the Blaine fissure zone was barren. Because of this poor showing, so near the end of the project, the company decided to terminate the contract 15 feet short of the allowable 600 feet.

Small pods of ore were encountered twice during the course of the exploratory project, and from these bodies, two lots of one railroad car each, were produced. Although most of the exposed ore was mined in the operation, it is believed that the possibilities for developing more ore in commercial quantities are great enough to justify the declaration of an ore discovery.

The operator's narrative report is considered to be adequate.

Recommendation is made that termination of the contract by the company be approved by the Government. It is further recommended that payment of $124.11, which is 90 percent of the claimed $248.22 for 9 feet of advance at $27.58 per feet, be withheld until the project accounts are audited and the final report is received.

M. H. Howes

M. H. Howes

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. Bureau of Mines
Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

RECEIVED
JUL 15 1953
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May 1 to June 6, 1953 Docket No. DMEA 1923 Contract No. Idm-5340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. St. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50% Amount, $ 8,274.00

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	248.22	15,886.08	16,134.30			
(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	248.22	15,886.08	16,134.30	248.22	15,886.08	16,134.30

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

Date July 11, 1953 Payee United Mining Dev. Co. Inc.

Per C. H. Braun Title Sec. Treas.

*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:

$124.11

Signature [illegible]
(Authorized Certifying Officer)

Date 12/18/53 Vou. DMA 54-63
(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. Idaho-E340 in accordance with the terms of the contract.

Signature M. H. Howes FCW Title Mining Engineer Date Sept. 2, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date DEC 17 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form DMF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1 to June 4, 1953 Docket No. DMEA 1923 Contract No. 16m-1310
Operator's Name United Mining Development Co. Inc. Mineral Lead- Zinc
Address 142 West 2nd. So. St. Salt Lake City, Utah

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	Ft.	248.22	9	16134.30	585	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		248.22	9	16134.30				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		248.22		16134.30				16248.00

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

Date July 14, 1953 Operator United Mining Dev. Co. Inc.

Per C. H. Evans Title Sec.-Treas.

Remarks:

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

(Instructions on reverse)

(For Government use only)

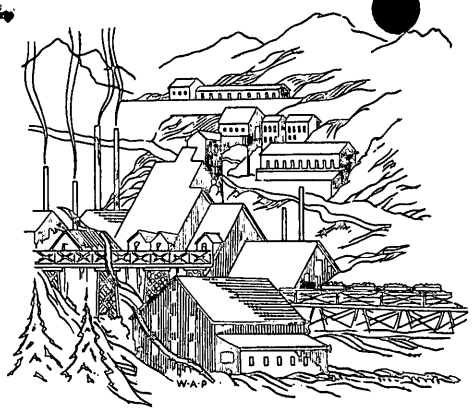
INSTRUCTIONS

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

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

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

GPO 83-38475



United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH
PHONE 9-1221

July 1h, 1953

Narrative on operations to termination of contract:

After drifting for an additional nine feet along the fissure, which was barren at this point, we decided to go no further in this direction for the time being inasmuch as our contract with [illegible] was cut to expire. We are terminating with fifteen feet short of the allotted footage.

We intend to continue to do a limited amount of prospecting in the last mineralized zone that we passed thru and hope that in the future we may be able to sink a shaft in this zone for a few hundred feet. Indications are that the ore-bodies, if any, are at greater depth.

We wish to express our deep appreciation for all the help and cooperation that we have received from the government and all of the personnel that we have come in contact with.

C. H. Evans, Secretary.

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

224 New Customhouse
Denver 2, Colorado

June 8, 1953

Keating
Hrisko
Betty

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc)
United Mining Development Company, Inc., Ida Mine, Tooele
County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of April, 1953, pertaining to DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Ida Mine, Tooele County, Utah.

per John F. Shaw
W. H. King

Enclosures

14

cc: Contract w/copy of MF-104
Wilson w/copy of MF-104
chron.

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

224 New Customhouse
Denver 2, Colorado

June 4, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Ida-K340 (Lead-Zinc), United Mining Development Company, Inc., Ida Mine, Tooele County, Utah. Operator's Monthly Progress Report for the period April 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 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 14, 1953.
Date Received in Field Office	May 26, 1953.
Date Received in Region Office	June 1, 1953.
Date Processed for Payment	June 3, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

May 29, 1953

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-R340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. MF-104 forms for April 1953

The attached MF-104 forms include expenditures reported by the operator for work performed during April 1953. M. H. Howes inspected the property May 21, 1953, and prepared the attached narrative of progress.

Work accomplished during the reporting period consisted of 64 feet of drift in the Blaine fissure zone. All advance is in conformance with the terms of the contract and recommendation is made that the operator be repaid in the manner listed in the progress report. The MF-104 forms were received from the operator May 26, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson

May 27, 1953

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for April 1953

The Ida mine was inspected on May 21, 1953. It is verified that progress for April in the amount of 64 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

The drift along the first northwesterly structure, cutting the Blaine fissure zone, was advanced 15 feet. Mineralization decreased in intensity toward the face of the drift. A second drift was driven a distance of 49 feet along another northwesterly structure, about 50 feet west of the first structure. This drift also cut the Blaine fissure zone. Fine, disseminated pyrite is scattered in the limestone exposed in the drift.

The operator's narrative report is considered to be adequate.

Payment is approved for $882.56, which is 50 percent of the allowable cost of $1,765.12 for 64 units of work.

M. H. Howes

M. H. Howes

Form MF-101 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

MAY 26 1953
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1953, 195.... Docket No. DMEA 1923 Contract No. Tom-E300
Operator's Name United Mining Dev. Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation 50 % Amount, $ 8,274.00

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	1765.12	14,120.96	15,886.08			
(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	1765.12	14120.96	15,886.08	1765.12	14120.96	15,886.08

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 14, 1953 *Payee United Mining. Dev. Co., Inc.
Per O. H. Evans Title Sec. Treas.

*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:

$ 882.54

Signature [illegible] (Authorized Certifying Officer)

Date 6-5-53 Vou. No. 53-144
(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-E340 in accordance with the terms of the contract.

Signature M. H. Rowes Title Mining Engineer Date May 26, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date JUN 4 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1953 Docket No. DMEA 1923 Contract No. Ida-1310
Operator's Name United Mining Development Co., Inc. Minerals
Address 142 West 2nd. So. St., Salt Lake City, Utah

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	Ft.	1765.12	64	15886.08	576	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1765.12	64	15886.08				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1765.12		15886.08				16548.00

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 14, 1953 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.
O. H. Evans

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

COPY

UNITED MINING DEVELOPMENT COMPANY, INC.

144 West 2nd South
Salt Lake City, Utah

May 14, 1953

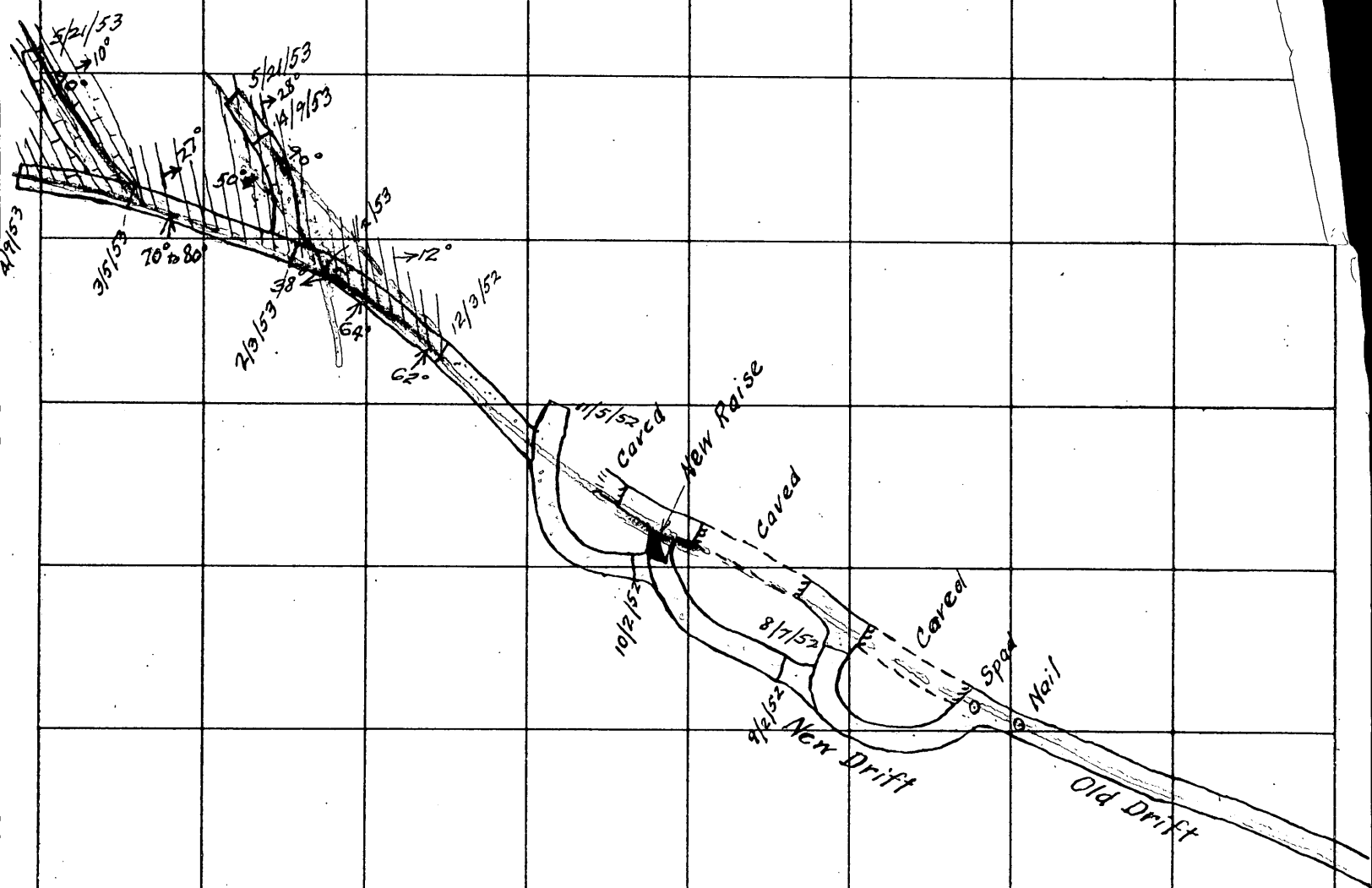
Narrative on operations for the month of April

We continued to drift on the mineralized zone of the Blaine Fissure.

No particular change. The stringer continues about the same as reported April 13, 1953.

O. H. EVANS
/S/ By Milton H. Woolf, Director

O. H. EVANS
Secy. Treas.



United Mining Dev Co

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes. SURVEY Brunton SCALE 1" = 50' DATE 1952-195

1500 - 1111 - E

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

224 New Customhouse
Denver 2, Colorado

April 29, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Tooele County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of March 1953, pertaining to DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Tooele County, Utah.

for John F. Shaw
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

April 20, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Tooele County, Utah. Operator's Monthly Progress Report for the period March 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 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 13, 1953.
Date Received in Field Office	April 13, 1953.
Date Received in Region Office	April 17, 1953.
Date Processed for Payment	April 20, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

DEPAR[redacted]ERIOR

[redacted]

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

April 15, 1953

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for March 1953

Expenditures under the subject contract during March 1953 are listed on the attached MF-104 forms. The property was inspected by F. L. Widemen April 8, 1953, and a progress report prepared by him is attached.

Drifting accomplished during the month totaled 72 feet. All work was done in the Blaine fissure zone and is in conformance with terms of the contract.

The MF-104 forms were received from the operator April 13, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson April 14, 1953

F. L. Wideman

DMEA 1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for March 1953

The Ida mine was inspected April 8, 1953. It was verified that the progress of 72 feet of drifting was accomplished in March. The work was done in the Blaine fissure zone and conforms with the contract.

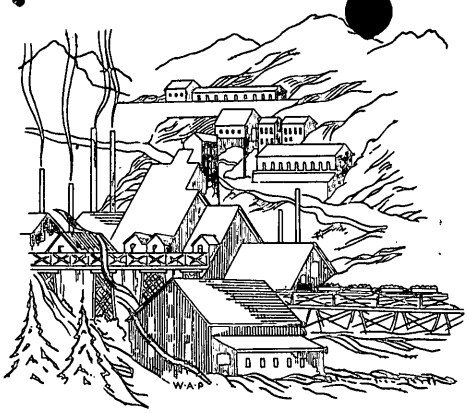
The drift along the Blaine fissure was advanced 37 feet and a drift along the northwesterly structure, cutting the Blaine fissure zone, was advanced 35 feet. The latter-mentioned structure is well mineralized with quartz, pyrite and galena. It attains a maximum width of 1 foot. The mineralization in the Blaine fissure, as exposed by work in March, appears to be decreasing in quantity.

The operator's report is considered to be adequate.

It is recommended that the operator be reimbursed by $992.88. This amount is 50 percent of the cost of the project for March, based on 72 feet of drifting at $27.58 per foot.

F. L. Wideman

F. L. Wideman



PHONE 9-1221

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

April 13, 1953

Narrative on operations for the month of March 1953:

We continued to drift on the mineralized zone of the Blaine Fissure. We exposed another stringer of good Lead-Zinc sulphide ore. The stringer is about one foot wide and assayed thirty-three lead and sixteen zinc.

O. H. Evans

O. H. Evans

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

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

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

Month of March 1953, 195..... Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Dev. Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

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						5/01/53 BGL
Bulldozing						
Crosscutting						
Drifting	1985.76	12135.20	14120.96			
(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	1985.76	12135.20	14120.96	1985.76	12,135.20	14,120.96

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

Date April 13, 1953 ~~United Mining Dev. Co. Inc.~~
United Mining Dev. Co. Inc.
Per O. H. Evans Title ~~Sec. Treas.~~

*When a voucher is signed on behalf 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:

$ 992.88

Signature
(Authorized Certifying Officer)

Date 4/23/53 Vou. No. 53-127

(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 340 in accordance with the terms of the contract.

Signature David W. Duncan Title Mining Engineer Date April 14, 1953

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

Signature W. H. King Title Executive Officer Date APR 20 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

U.S. Bureau of Mines
RECEIVED
APR 13 1953
Salt Lake City

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 3 1923 Contract Id-E340h

Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc

Address 142 West 2nd. So. St. Salt Lake City, Utah

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	Ft.	1985.76	72	14120.96	512	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
		1985.76	72	14120.96				TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS								
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
		1985.76		14120.96				16548.00
TOTAL COSTS								

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

Date April 13, 1953 Operator United Min. Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

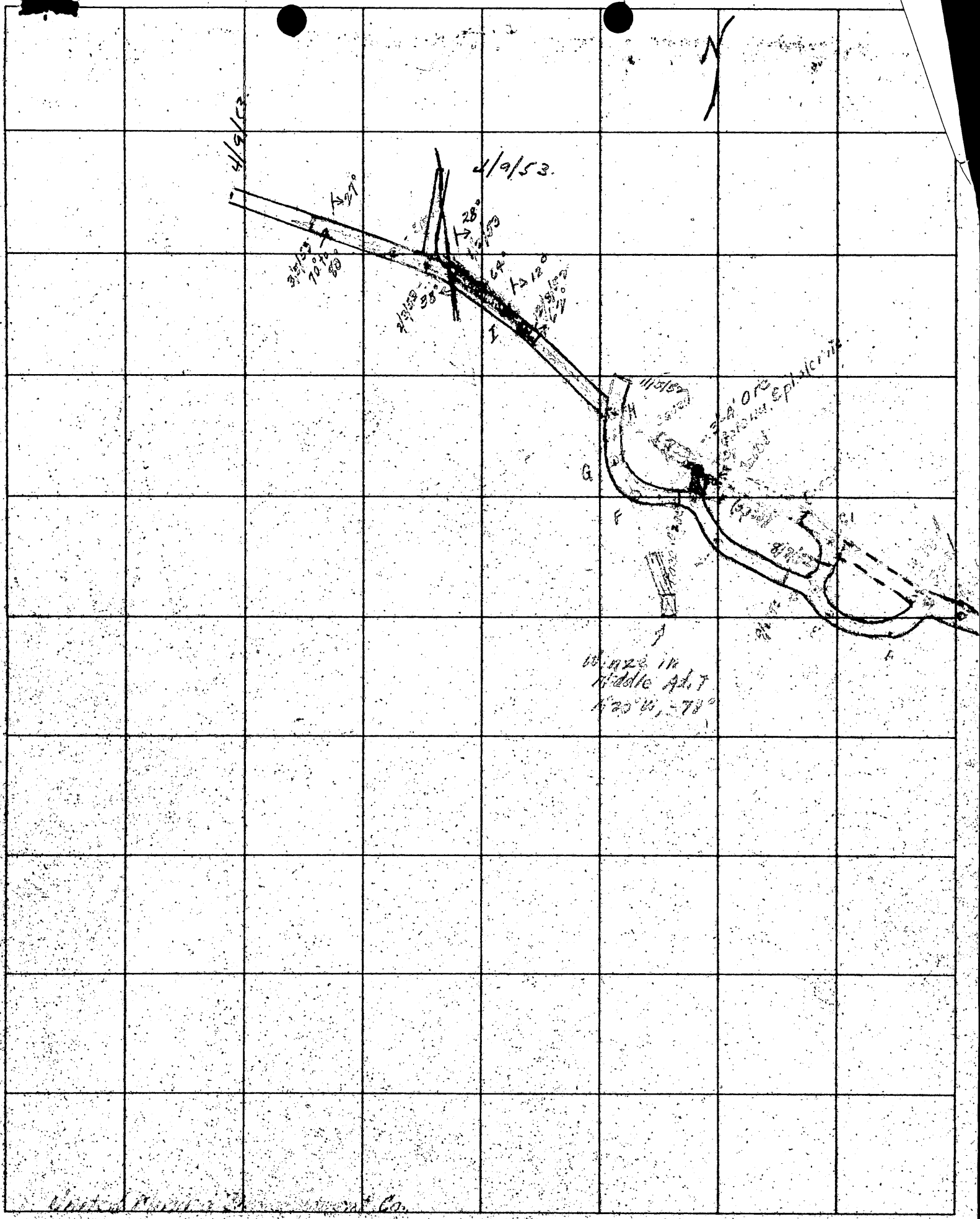
INSTRUCTIONS

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

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

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

GPO 83-38475



United Mining & Smelting Co.

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Tunnel

GEOLOGY BY [illegible] SURVEY [illegible] SCALE 1" = 50' DATE [illegible]

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

Keating
Greenwald
Betty

224 New Customhouse
Denver 2, Colorado

April 2, 1953

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 6 1953

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of February 1953, pertaining to DMEA Docket 1923, Contract Idm E340, United Mining Development Company, Inc.

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

March 23, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Tooele County, Utah. Operator's Monthly Progress Report for the period February 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	March 13, 1953.
Date Received in Field Office	March 16, 1953.
Date Received in Region Office	March 20, 1953.
Date Processed for Payment	March 23, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

March 18, 1953

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for February 1953

Transmitted herewith are MF-104 forms and related data listing expenditures under the subject contract for February 1953. Also included are copies of a progress report prepared by M. H. Howes, the inspecting engineer.

Advance during the period totaled 50 feet and is in conformance with terms of the short-form contract. The advance was made in the Blaine fissure in a northwest direction. No additional ore has been encountered in the fissure, but the fissure contains strong mineralization, which is chiefly pyrite and quartz. Recommendation is made that the operator be reimbursed for the Government's share of the February expenditures in the manner shown in the progress report.

The MF-104 forms were received from the operator March 16, 1953. The property was inspected by M. H. Howes March 5, 1953. A sketch map, attached, shows the progress of the work to February 28, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 3

S. R. Wilson

March 16, 1953

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for February 1953.

The Ida mine was inspected on March 5, 1953. It is verified that progress for February in the amount of 50 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

The drift was driven northwesterly along the Blaine fissure. An abundance of quartz and disseminated pyrite mineralization occurs in fault zone.

The operator's narrative report is considered to be adequate.

Payment is approved for $689.50, which is 50 percent of the allowable cost of $1,379.00 for 50 units of work.

M. H. Howes

M. H. Howes

Form [illegible]-104 (Rev.)
(April 1952)

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

U. S. BUREAU OF MINES
RECEIVED
MAR 16 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1953 Docket No. DMEA 1:23 Contract No. City, Utah

Operator's Name United Mining Development Co., Inc. Minerals Zinc-340 Lead-2156

Address 142 East 2nd. South Salt Lake City, Utah

Contract Amount, $ 16,548.00 Government Participation 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1379.00	10,756.20	12,135.20			
(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	1379.00	10,756.20	12,135.20	1379.00	10,756.20	12,135.20

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

Date MARCH 13, 1953 Payee United Mining Dev. Co. Inc.

Per C. H. Evans Title Sec.-Treas.

*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:

$ 689.50

Signature [illegible] (Authorized Certifying Officer)

Date 3/26/53 Vou. No. DMA 53-112

(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. Idaho-E340 in accordance with the terms of the contract.

Signature W. H. Howes Title Mining Engineer Date Mar. 16, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: L. H. B.

Signature W. H. King Title Executive Officer Date MAR 23 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 6 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 195 3 Docket No. DMEA 1923 Contract No. 1dr- 340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 East 2nd. South Salt Lake City, Utah

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	Ft.	1379.00	50	12135.20	440	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1379.00	50	12135.20				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1379.00		12135.20				16,548.00

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

Date ~~Feb.~~ MARCH 13, 1953 Operator United Mining Dev. Co. Inc.

Per C. H. Evans Title Sec. Treas.

C. H. Evans

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

Remarks:

(Instructions on reverse)

(For Government use only)

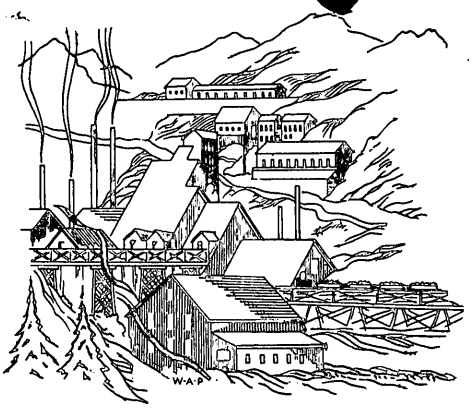
INSTRUCTIONS

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

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

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

GPO 83-38475



PHONE 9-1221

United Mining Development Company, Inc.

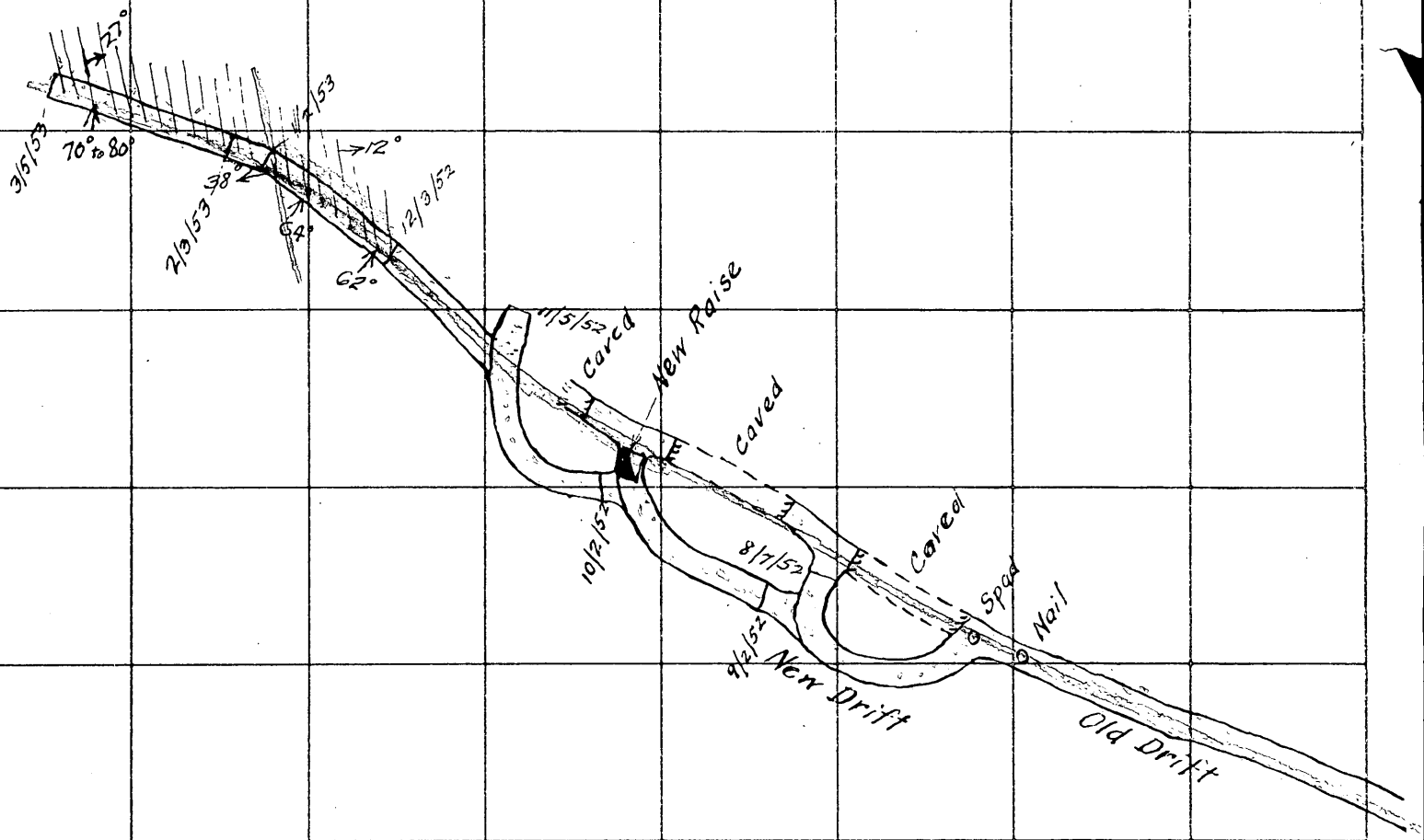
144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

March 13, 1953

Narrative on operationsfor the month of February 1953:

We continued to drift on the mineralized zone of the Blaine Fissure. We have run out of ore, however the fissure is big and very heavy with iron sulphide.

O. H. Evans



United Mining Dev. Co

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes. SURVEY Brunton SCALE 1" = 50' DATE 1952-1953

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 6 1953

224 New Customhouse
Denver 2, Colorado

March 4, 1953

Keating
Greenhold
Kelly

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E~~310~~ 340 (Lead-Zinc) United Mining and Development Co., Inc., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of January, 1953, pertaining to DMEA Docket 1923, Contract Idm-E340, United Mining and Development Co., Inc.

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

February 24, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (lead-Zinc) United Mining and Development Co., Inc., Tooele County, Utah Operator's Monthly Progress Report for the period of January, 1953.

Enclosed are the original and four copies of Form MF-104 and Form 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 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - February 11, 1953
Date Received in Field Office - February 12, 1953
Date Received in Region Office - February 24, 1953
Date Processed for Payment - February 24, 1953

W. H. King
W. H. King

Enclosures

RDB:oc

cc: Contract
Secretary to the Operating Committee (2)
SRWilson
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

February 19, 1953

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-X340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for January 1953.

Transmitted herewith are five copies of MF-104 forms pertaining to expenditures under the subject contract for the period January 1953. The property was inspected by M. M. Howes February 3, 1953. Copies of a progress report are included.

Work reported on the MF-104 forms was verified by the inspecting engineer and is in conformance with terms of the contract. Recommendation is made that the operator be reimbursed in the manner stated in the progress report.

The MF-104 forms were received from the operator February 12, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures

S. R. Wilson February 17, 1952

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for January 1953

The Ida mine was inspected on February 3, 1953. It is verified that progress for January in the amount of 12 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

The normal fault, stated in the December report to have cut off the Blaine fissure and the ore bedding in the face of the drift, was a minor fault with small displacement. Advance northwesterly revealed the fissure continuing as before. The ore petered out in a very few feet. Pyrite and quartz mineralization occurs in the new face.

A lot of 48.18 tons of ore, assaying 8.95 percent Pb, 9.45 percent Zn, 0.275 percent Cu, 0.025 ounce Au, and 0.275 ounce Ag, was mined from the drift and shipped to the Combined Metals Reduction Co. at Bauer, Utah. Royalty, in the amount of $43.95 was paid to the Government.

The company spent a large part of the month driving the air raise, which is now reported to be up approximately 50 feet.

The operator's narrative report is considered to be adequate.

Payment is approved for $165.48, which is 50 percent of the allowable cost of $330.96 for 12 units of work.

M. H. Howes

M. H. Howes

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. DEPARTMENT OF THE INTERIOR
RECEIVED
Defense Minerals Administration
FEB 12 1953
MAR 3 1953
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1953 Docket No. DMEA 1923 Contract No. Ida-340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

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	330.96	10,425.24	10,756.20			
(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	330.96	10,425.24	10,756.20	330.96	10,425.24	10,756.20

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

Date Feb. 11, 1953 Payee United Mining Dev. Co. Inc.
C. H. Evans
Per C. H. Evans Title Sec. Treas.

*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:

$ 165.48

Signature [illegible]
(Authorized Certifying Officer)

Date 3/2/53 Vou. No. DMA 53-102

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E340 in accordance with the terms of the contract.

Signature M. H. Howes SCW Title Mining Engineer Date Feb 17, 1953

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

Signature W. H. King Title Executive Officer Date FEB 25 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 1953

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

Month of January 195 1953 Docket No. DMEA 1023 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 148 West 2nd. So. Salt Lake City, Utah

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	Ft.	330.96	12	10,756.20	390	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		330.96	12	10,756.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		330.96		10,756.20				16,548.00

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

REMARKS:

Date Feb. 11, 1953 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.
O. H. Evans

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

United Mining Development Company, In

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE ~~XXXX~~ 22-0563

Feb. 11, 1953

Narrative on operations for the month of January 1953:

We are driving an Air-Raise from the lower to the middle tunnell level and are up approximately fifty feet. Most of this distance has been in ore and we have shipped one car-load to combined metals and are shipping another to the U.S. Smelting and Refining Co.

We made only twelve feet in the drift along the Blaine Fissure and are heading into another barren zone.

O. H. Evans

O. H. Evans

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

224 New Customhouse
Denver 2, Colorado

January 28, 1953

Memorandum

Keeping
Betty

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc) United Mining Development Co., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of December, 1952, pertaining to DMEA Docket 1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah.

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

January 20, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-X340 (Lead-Zinc) United Mining Development Co., Tooele County, Utah - Operator's Monthly Progress Report for the period of December, 1952

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 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - January 3, 1953
Date Received in Field Office - January 9, 1953
Date Received in Region Office - January 16, 1953
Date Processed for Payment - January 20, 1953

W. H. King
W. H. King

Enclosures

RDB:oc
cc: Contract
Secretary to the Oper. Comm. (2)
SRWilson
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

January 13, 1953

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for December 1952

Enclosed are the original and four copies of MF-104 forms with expenditures under the subject contract for December 1952. The property was inspected by M. H. Howes January 2, 1953, and the attached progress report prepared.

Work accomplished during December consisted of drifting 45 feet in the Blaine fissure zone in a northwest direction. Ore was encountered along the fissure at floor level, approximately 30 feet from the face as of January 2, 1953. At the face the ore is 7 feet thick, but both the fissure and the ore terminate against a fault of probable normal displacement. The fault strikes N. 8° W. It is believed that faulting has shifted the Blaine fissure to the south relative to the present face. It was mutually agreed between the operator and the inspecting engineer that the drift should be turned to the right, north, to follow the fault and the ore, and then drift to the left, or south, to encounter the Blaine fissure proper for additional drifting. This work will determine if the ore discovery is significant. It is believed the fault is of minor displacement, as no evidence is present at the surface, a short distance above, to indicate major movement.

Work accomplished during December is in conformance with terms of the contract. Recommendation is made that the operator be repaid 50 percent of the monthly expenditures as shown in the progress report.

The MF-104 forms were received from the operator January 9, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson

January 13, 1953

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for December 1952

The Ida mine was inspected on January 2, 1953. It is verified that progress for December in the amount of 45 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

The drift was driven northwesterly along the Blaine fissure. Thin interbedded shales and quartzites, which strike N. 10° W. and dip 12° easterly, occur on the hanging wall side of the fissure. A good grade of lead-zinc sulphide ore was encountered along the fissure in a hanging wall bedding, at floor level, about 30 feet back from the present face of the drift. The ore persists in this bedding to the face, where the ore is exposed for a thickness of 7 feet. The Blaine fissure and the ore bedding at the face are cut off by a normal fault, which strikes N. 8° W. and dips 38° westerly. The operator was advised by the Bureau of Mines field engineer to follow the fault to the right as far as the ore goes; next, to follow the fault to the left until the continuation of the Blaine fissure is found; and then to resume driving northwesterly along the Blaine fissure.

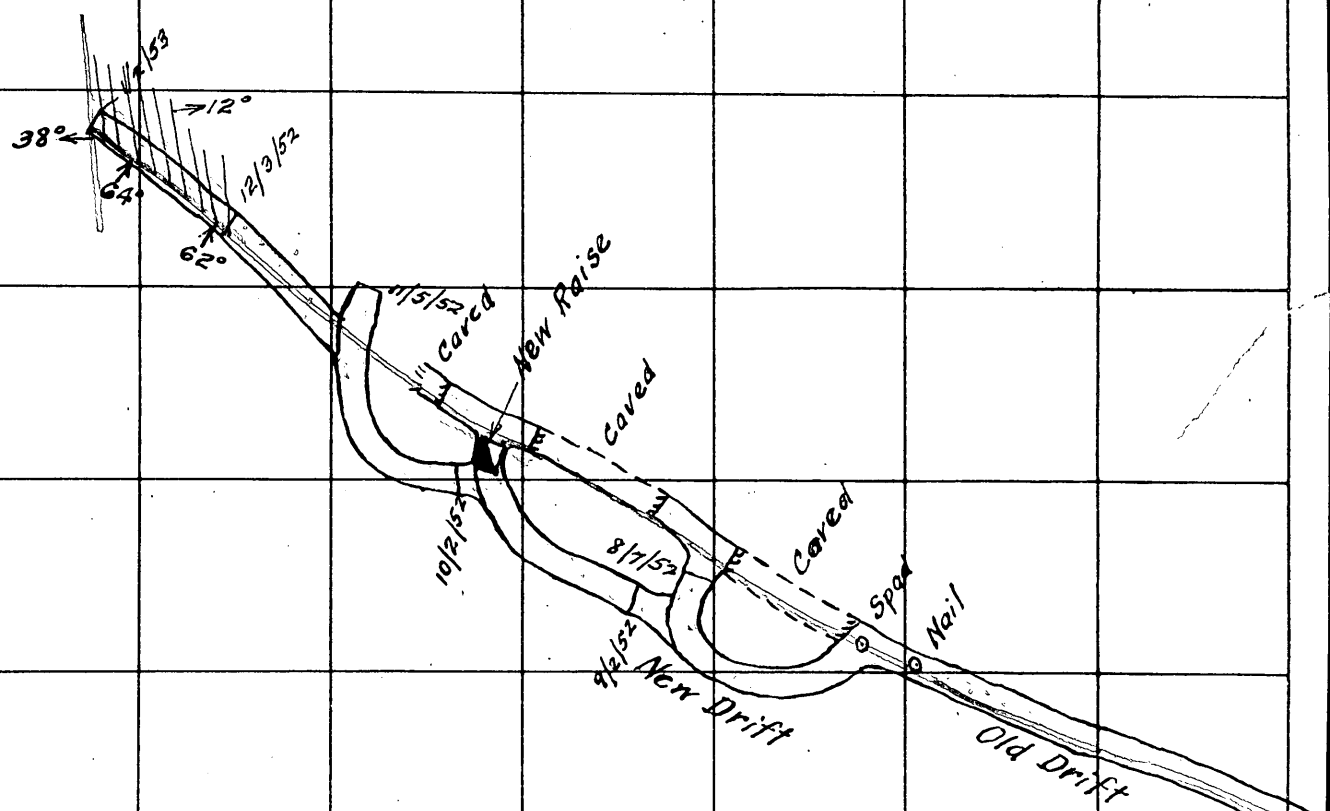
The operator reports that arrangements have been made to ship a railroad car of ore, which will average about 30 percent combined lead and zinc, to Combined Metals Reduction Co. at Bauer, Utah, for a mill test.

The operator's narrative report is considered to be adequate.

Payment is approved for $620.55, which is 50 percent of the allowable cost of $1,241.10 for 45 units of work.

M. H. Howes

M. H. Howes



United Mining Dev. Co

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes. SURVEY Brunton SCALE 1" = 50' DATE 1952-1953

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

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

U. S. Bureau of Mines
RECEIVED
JAN 9 - 1953
Salt Lake City, Utah

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

Month of December, 1952 Docket No. DMEA 1923 Contract No. Zn-2360

Operator's Name United Mining Development Co. Inc.

Address 142 West 2nd. South Salt Lake City, Utah

Minerals Lead-Zinc

Contract Amount, $ Government Participation 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	1241.10	9,184.14	10,425.24			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1241.10	9,184.14	10,425.24	1241.10	9,184.14	10,425.24

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

Date 1/3/53 *Payee United Mining Development Co. Inc.

Per O. R. Evans Title Sec. Treas.

*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:

$ 620.55

Signature (Authorized Certifying Officer)

Date 1/23/53 Vou. No. DMA 53-88

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E340 in accordance with the terms of the contract.

Signature M. H. Howes Title Mining Engineer Date Jan. 12, 1953

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

Signature W. H. King Title Executive Officer Date JAN 20 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 52 Docket No. DMEA 1923 Contract No. Idm-1340

Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc

Address 142 West 2nd. So. Salt Lake City, Utah

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	Ft.	1241.10	45	10,425.24	378	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1241.10	45	10,425.24				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1241.10		10,425.24				16,548.00

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

Date Jan. 3, 1953 Operator United Mining Dev. Co. Inc.

Per O. R. Evans Title Sec. Treas.

O. R. Evans

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

REMARKS:

(Instructions on reverse)

(For Government use only)

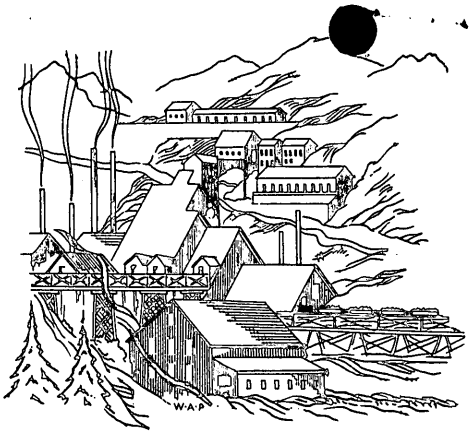
INSTRUCTIONS

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

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

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

GPO 83-38475



United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH
PHONE 9-1221

January 3, 1953

Narrative on operations for the month of December 1952:

We continued to drift for a distance of forty-five feet along the Blaine Fissure. The last twenty feet has been in good lead-zinc ore the full width of the drift which is approximately four feet wide. We have arranged to ship a railroad car of this ore to Combined Metals Reduction Company at Bauer, Utah for milling. According to our assay samples the carload should assay about thirty percent metal combination of pb.zn.

O. H. Evans

O. H. Evans

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

224 New Customhouse
Denver 2, Colorado

January 9, 1953

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 2 1953

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of November, 1952, pertaining to DMEA Docket 1923, Contract Idm-E340, (Lead-Zinc) United Mining Development Company, Tooele County, Utah.

W. H. King
W. H. King

Enclosures

53-76

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

[illegible] New Customhouse
Denver 2, Colorado

December 24, 1952

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1[illegible] 1953

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340, (Lead-Zinc) United Mining Development Company, Tooele County, Utah - Operator's Monthly Progress Report for the period of November, 1952

Enclosed are the original and four copies of Form MF-104, 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 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - December 11, 1952
Date Received in Utah-Wyoming Branch Office - December 10, 1952
Date Received in Region IV Office - December 22, 1952
Date Processed for Payment - December 23, 1952

W. H. King
W. H. King

Enclosures

RDB:oc
cc: Contract
Secretary to the Operating Committee (2)
SEWilson
Chron.
AHKoschmann (2)

December 19, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 ? 1953

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah. MF-104 forms for November 1952.

Enclosed are the required copies of MF-104 forms and supporting information pertaining to work and expenditures under the subject contract for November 1952.

The property was inspected by M. H. Howes December 3, 1952.

During the month all contract work was confined to drifting along the zone of the Blaine fissure and is in conformance with the contract. It is recommended that the operator be reimbursed by an amount of $620.55, which represents 50 percent of the total monthly expenditure.

The MF-104 forms were received from the operator December 10, 1952.

Stephen R Wilson
Stephen R. Wilson

Enclosures 2

S. R. Wilson December 19, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for November 1952

The Ida mine was inspected on December 3, 1952. It is verified that progress for November in the amount of 45 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

During November the drift was driven northwesterly along the Blaine fissure, starting at the point where the drift crossed the fissure late in October. The fissure is about 14 inches wide and is composed of gouge slightly mineralized throughout with finely disseminated pyrite. A scattered showing of galena and sphalerite in the present face of the drift suggests the possibility of its entering an ore zone. Thin, interbedded quartzites and shales appear on both sides of the fissure and contain finely disseminated pyrite.

A raise has been started on the ore showing reported in September. The main purpose of this raise is to improve ventilation in the drift.

The operator's narrative report is considered to be adequate.

Payment is approved for $620.55, which is 50 percent of the allowable cost of $1,241.10 for 45 units of work.

M. H. Howes

M. H. Howes

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1030.4
Approval expires 6-30-53.

U. S. Treasury Dept.
RECEIVED
DEC 10 1952
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1952 Docket No. DMEA 1923 Contract No. Idm-1340
Operator's Name United Mining Dev. Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

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	1241.10	7,943.04	9,184.14			
(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	1241.10	7,943.04	9,184.14	1241.10	7,943.04	9,184.14

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

Date Dec. 11, 1952 *Payee United Mining Dev. Co. Inc.

Per D. K. Evans Title Sec. Treas.

*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:

$ 62.055

Signature Alfred K. Olson
(Authorized Certifying Officer)

Date 12-30-52 Vou. No. 53-76
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E340 in accordance with the terms of the contract.

Signature M. M. Howes, SKW Title Mining Engineer Date Dec. 18, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R. DB.

Signature W. H. King Title Executive Officer Date 12/24/1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 2 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 195 2 Docket No. DMEA 1923 Contract No. 2dm-R340
Operator's Name United Mining Development Co. Minerals Lead-Zinc
Address 342 West 2nd. So. Salt Lake City, Utah

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	ft.	1241.10	45	9184.14	333	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1241.10	45	9184.14				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1241.10		9184.14				16,548.00

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

REMARKS:

Date December 11, 1952 Operator United Mining Dev. Co. Inc.

Per O. N. Evans Title Sec. Treas.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

United Mining Development Company, In

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

Dec. 11, 1952

Narrative on operations for the month of November 1952:

We drifted for a distance of forty-five feet along the ~~[illegible]~~ mineralized zone of the Blaine fissure. For most of this distance the fissure was not mineralized but we are now coming into another ore zone as there is a stringer of good ore along the foot-wall with crystals of lead and zinc throughout the fissure.

O. H. Evans

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1952

224 New Customhouse
Denver 2, Colorado

December 8, 1952

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 1923, Contract Idm-2340, (Lead-Zinc)
United Mining Development Co., Inc., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of October, 1952, pertaining to DMEA Docket 1923, Contract Idm-2340, United Mining Development Co., Inc.

W. H. King
W. H. King

Enclosures

oc

cc: Contract w/copy of MF-104
SRWilson w/copy of MF-104
Chron.
AHKoschmann (2)

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

[illegible] New Customhouse
Denver 2, Colorado

November 24, 1952

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-2340, (Lead-Zinc) United Mining Development Co., Inc., Tooele County, Utah Operator's Monthly Progress Report for the period of October, 1952

Enclosed are the original and four copies of Form MF-104, 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 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

W. H. King
W. H. King

Enclosures

RDB:oc

cc: Contract
Secretary to the Operating Committee (2)
SWilson
Chron.
AEKoschmann
RDB

November 19, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMEA-1923, Contract Idm-3340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for October 1952.

Enclosed are the required copies of MF-104 forms and other information pertaining to the subject project for the period October 1952. M. H. Howes inspected the project November 5, 1952 and prepared the attached progress report.

Contract work during the period consisted of completion of 71 feet of drifting in the Blaine fissure zone. The work is in conformance with the contract and amendments thereto. It is recommended that the operator be reimbursed for the Government's share of expenditures based on 71 feet of drifting at $27.55 per foot of drift. This amount is $979.09.

MF-104 forms for October 1952 were received in this office November 12, 1952.

Stephen R. Wilson

Stephen R. Wilson

Encls.

S. R. Wilson

November 17, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for October 1952

The United Mining Development Co., Inc., Ida mine, was inspected on November 5, 1952. It is verified that progress for October in the amount of 71 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

During October the drift continued in the footwall mineralized zone of the Blaine fissure, roughly paralleling the fissure northwesterly for about 35 feet. It was then turned gradually to the right, where it crossed the fissure at a point beyond the face of the adit, and was driven into the hanging wall for 16 feet. The drift will be continued along the fissure, which is 14 inches thick and contains fault gouge slightly mineralized with fine pyrite. The rock in both the footwall and hanging wall sides of the fissure consist of shattered, interbedded shales and quartzites impregnated with finely disseminated pyrite.

The extent of the ore encountered in September is not known, since no development work has been done on it. However, on account of poor ventilation, the company considers it necessary to drive an air raise to connect with workings on the middle adit level, and this raise will probably be started in the ore.

The operator's narrative report is considered to be adequate.

Payment is approved for $979.09, which is 50 percent of the allowable cost of $1,958.18 for 71 units of work.

M. H. Howes

M. H. Howes

Form MF-104A
(April 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1952

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

U. S. Department of Mines
RECEIVED
NOV 18 1952
Salt Lake City, Utah

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

Month of October 195 52 Docket No. DMEA 1923 Contract No. Idm-1340
Operator's United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. South Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting	Ft.	1,958.18	71	7,943.04	288	27.58	600	27.58
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,958.18	71	7,943.04				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,958.18		7,943.04				16,548.00

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

REMARKS:

Date November 7, 1952 Operator United Mining Dev. Co. Inc.
Per O. N. Evans Title Sec. Treas.

O. N. Evans

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

NOV 12 1952
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 1923 Contract No. Idm-5340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. South Salt Lake City, Utah
Contract Amount, $16,548.00 Government Participation 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1,958.18	5,984.86	7,943.04			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,958.18	5,984.86	7,943.04	1958.18	5984.86	7943.04

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

Date Nov. 7, 1952 *Payee United Mining Dev. Co. Inc.

Per O. R. Evans Title Sec. Treas.

*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:

$ 979.09

Signature (Authorized Certifying Officer)

Date 12/1/52 Vou. No. DMA 53-66

(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. Jan-E340 in accordance with the terms of the contract.

Signature M. H. Howes APW Title Mining Engineer Date Nov. 13, 1952

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

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

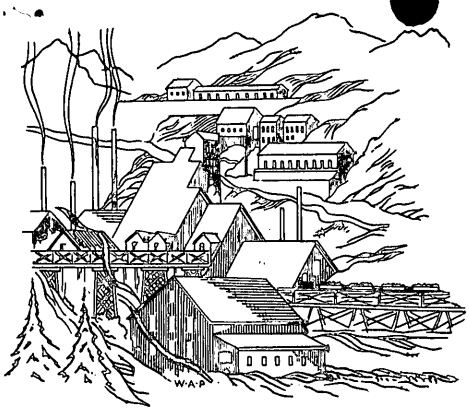
Item (7) covers miscellaneous types of expenditure such as payroll taxes, liability insurance, workmen's compensation insurance, repairs to equipment and sampling and analysis. Only that part of payroll taxes, liability insurance and workmen's compensation which are paid by the operator should be reported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

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

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

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

GPO 83-38476



United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

November 7, 1952

Narrative on operations for the month of October 1952:

We drifted for a distance of seventy-one feet in the mineralized zone of the Blaine Fissure. Due to poor ventilation we find it necessary to run an air-raise to connect with the middle adit. This can later be used as an ore transfer chute for mining in upper levels. This may slow down our drifting operation temporarily.

O. H. Evans

O. H. Evans

1283

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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 28 1952

October 22, 1952

~~Kitty~~
Betty

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E340, (Lead-Zinc) United Mining Development Co., Inc., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of September, 1952, pertaining to DMEA Docket 1923, Contract Idm-E340, United Mining Development Co.

W. H. King
W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

October 16, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Co., Inc., Tooele County, Utah - Operator's Monthly Progress Report, for the period of September 1952

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

Work has been accomplished as authorized in the contract and payment is recommended as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and mathematical accuracy of computations.

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

WLD:jp

Enclosures

cc Secy to Oper Committee (2)
SRWilson
Contract
Chron
AHKoschmann (2)

October 13, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: MM-1923, Contract Idm-5340, United Mining Development Co., Tooele County, Utah. MF-104 forms for September 1952.

Enclosed are the original and four copies of MF-104 forms and supporting data covering the expenditures made under the subject contract during September 1952. Copies of a progress report prepared by M. H. Howes are also included.

Work performed during the month is in conformance with the contract and amendment thereto. It is recommended that repayment to the operator be made as shown in the progress report.

Stephen R Wilson
Stephen R. Wilson

Encls.

S. R. Wilson October 9, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for September 1952.

The United Mining Development Co., Inc., Ida mine, was inspected on October 2, 1952. It is verified that progress for September, in the amount of 80 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

During September the drifting continued in a northwesterly direction within the mineralized zone, but mostly in the footwall of the Blaine fissure. The drift was turned into the fissure at a point shown on the map as near the face of the adit, which was still found to be caved. The adit was opened and followed for 25 feet. However, since the caved area reaches beyond the point shown on the map as the face of the adit, it was decided to continue to drive forward in the footwall of the fissure in a further attempt to bypass the crushed zone. A good grade of ore, from 3 to 4 feet thick, was encountered on the footwall side of the adit. It was reported that a picked sample of the ore assayed 28.8 percent lead, 24.0 percent zinc, 0.25 percent copper, and 4 ounces silver. The footwall drift continues in the heavy, soft, gray shale impregnated with finely disseminated pyrite.

The operator's narrative report is considered to be adequate.

Payment is approved for $1,103.20, which is 50 percent of the allowable cost of $2,206.40 for 80 units of progress.

M. H. Howes

M. H. Howes

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 1923 Contract No. Am-2340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah

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	Ft.	2,206.40	80	5,984.86	217	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,206.40	80	5,984.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,206.40		5,984.86				16,548.00

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 October 6, 1952 Operator United Mining Dev. Co. Inc.

Per G. H. Evans Title Sec. Treas.

G. H. Evans

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 1923 Contract No. Idm-E340

Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc

Address 142 West 2nd. So. Salt Lake City, Utah

Contract Amount, $16,548.00 Government Participation: 50 % Amount, $8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	2,206.40	3,778.46	5,984.86			
(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	2,206.40	3,778.46	5,984.86	2,206.40	3,778.46	5,984.86

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

Date October 6, 1952 *Payee United Mining Dev. Co. Inc.

Per O. R. Evans Title Sec. Treas.

*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:

$1103.20

Signature (Authorized Certifying Officer)

Date 10/20/52 Vou. No. DMA 53-51

(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. Idg-E340 in accordance with the terms of the contract.

Signature M. H. Howe SRW Title Mining Engineer Date Oct. 8, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE

Signature J. L. Shaw for W. H. King Title Executive Officer Date 10-16-52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

October 6, 1952

Narrative on operations for the month of September 1952:

We drifted for a distance of eighty feet in the mineralized zone of the Blaine Fissure. There is some good ore along the shale-quartzite contact. A hand-picked sample assayed 28.8 pb., 24. zn. 4 oz. ag.,.25 cu. This is the highest-grade ore we have encountered so far and would seem to indicate that the metalic values increase with depth.

O. H. Evans

1923

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

224 New Customhouse
Denver 2, Colorado

Betty L.

October 20, 1952

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-X340, (Lead-Zinc)
United Mining Development Co., Inc., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of August, 1952, pertaining to DMEA Docket 1923, Contract Idm-X340, United Mining Development Co., Inc.

W. H. King
W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

October 6, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc) United Mining Development Co., Inc., Tooele County, Utah - Operator's Monthly Progress Report for the period of August, 1952

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

Work has been accomplished as authorized in the contract and payment is recommended as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and mathematical accuracy of computations.

John F. Shaw

John F. Shaw for
W. H. King

Enclosures

HMC:oc

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

September 30, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA 1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah. MF-104 forms for August 1952.

Enclosed are the required copies of MF-104 forms covering work completed on the subject property during August 1952 under the short-form contract. M. H. Howes inspected the property and measured the advance reported in the MF-104 forms.

It appears that an amendment to the contract will be required to permit drifting in the footwall of the Blaine fissure. Recommendation is made that the operator be reimbursed for the Government's share of August expenditures subject to preparation of an amendment.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson

September 23, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for August 1952

The United Mining Development Co., Inc., Ida mine, was inspected on September 2, 1952. It is verified that progress for August, in the amount of 60 feet, as reported on form MF-104A, is correct.

The progress was performed by continuing to drift in a northwesterly direction within the mineralized zone of the Blaine fissure. For the most part, the drift has been driven in the footwall of the fissure to bypass the caved area encountered 134 feet from the face of the adit. At a point approximately 64 feet past the beginning of the crushed area, or 70 feet from the face of the adit, the drift was turned back into the fissure, which was still found to be caved. The fissure was followed for 20 feet, and even though good mineralization was found along the hanging-wall side, the heavy, wet, crushed condition of this zone caused the management to decide to continue to bypass it by drifting in the more solid footwall. The heavy, soft, gray shale in the footwall drift is still impregnated with finely disseminated pyrite. The present face is about 50 feet from the face of the adit, where it is planned to turn back into the fissure.

The operator's narrative report is considered adequate.

It is recommended that the above progress be considered to conform to the terms of the contract. On this basis, payment is approved for $827.40, which is 50 percent of the allowable cost for 60 units ($1,654.80).

M. H. Howes

M. H. Howes

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 1923 Contract No. Idm-1340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$1654.80	2,123.66	3,778.46			
(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	$1654.80	2,123.66	3,778.46	1,654.80	2,123.66	3,778.46

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

Date Sept. 12, 1952 *Payee United Mining Dev. Co. Inc.

Per Geo. H. Evans Title Sec. Treas.

*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:

$ 827.40

Signature [illegible]
(Authorized Certifying Officer)

Date 10/14/52 Vou. No. DMA 53-47

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E340 in accordance with the terms of the contract.

Signature M. H. Howes Title Mining Engineer Date Sept. 19, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature John F. Shea for W. H. King Title Executive Officer Date 10-7-52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OCT 3 - 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1952 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. South, Salt Lake City, Utah

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	Ft.	1,654.80	60	3,778.46	137	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,654.80	60	3,778.46				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,654.80		3,778.46				16,548.00

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

REMARKS:

Date Sept. 12, 1952 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec-Treas.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

September 12, 1952

Narrative on operations for the month of August 1952:

We drifted for a total of sixty feet in the mineralized zone of the Blaine Fissure. Twenty feet of the above mentioned sixty was along the hang-wall side of the fissure where some ore of fair grade was encountered. A hand picked sample assayed: au 0.01, ag. 2.5, pb. 19.0, zn. 24.2, cu. 0.15. The hang-wall side of fissure in in a crushed area and hard to hold, so for the remaining forty feet we veered over to the foot-wall side which holds well and requires little timbering. It is expected that we will be past the crushed area in another fifty feet and then we intend to follow the hang-wall which seems to be more favorable to ore deposition.

We have been slowed up in our operation because of poor track, but we have now purchased three tons of good twelve-pound rail which, when installed will remedy this condition

C. H. Evans

1923

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

224 New Customhouse
Denver 2, Colorado

~~Hetter~~ Betty

October 3, 1952

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 1923, Contract idm-E340 (Lead-Zinc)
United Mining Development Co., Inc., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the month of July, 1952, pertaining to DMA Docket 1923, Contract idm-E340, United Mining Development Co., Inc.

W. H. King
W. H. King

Enclosure

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 8 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

September 19, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: UMA Docket 1923, Contract Idm-E340,(Lead-Zinc) United Mining Development Co., Inc., Tooele County, Utah - Operator's Monthly Progress Report, for the period of July, 1952

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

Work accomplished is in accordance with the contract and payment is recommended for the amount of $1061.83, which is 50 percent of the total of $2123.66.

An amendment is in process which authorizes rehabilitation of, or drifting around, caved portion of tunnel.

W. H. King
W. H. King

Enclosures
JWT:es
cc: Secretary to the Operating Committee (2)
Contract
Wilson
Chron.
Koschmann (2)

Mining Division
Date Rec'd.
AUG 18 1952
BUREAU OF MINES
Denver, Colorado

August 14, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA-1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah. MF-104 forms for July 1952.

Enclosed are the required copies of forms MF-104 and supporting data covering the subject contract for July 1952. A progress report, attached, was prepared by M. H. Howes.

The operator encountered difficult rock conditions at the time the work was started and has driven in the footwall of the Blaine fissure instead of along the fissure because of the crushed condition in the fissure. The operator has requested an amendment to the contract if required to permit this work.

It is recommended that repayment be made to the operator for July expenditures as listed in the progress report.

Stephen R. Wilson
Stephen R. Wilson

Encls.

S. R. Wilson

August 13, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for July 1952.

The United Mining Development Co., Inc., Ida mine, was inspected on August 7, 1952. The company reported that the project was started on June 6, 1952, and that progress for June and July was 77 feet.

The starting point was approximately 134 feet from the face of the lower adit in the Blaine fissure, where a crushed area was encountered. The drift was spiled for a distance of 17 feet. It was then decided by the management that it would be cheaper to bypass the crushed area, which was believed to be 60 or 70 feet long, by drifting around it in the more solid rock of the footwall. The company reported that progress in the footwall drift was 60 feet. It is verified that the progress as reported on form MF-104A is correct. There is a question of whether or not the work has been done in conformance with the contract because the point of beginning was approximately 134 feet from the face. The contract allows no rehabilitation and states that the lower adit is to be extended.

The operator's narrative report is considered adequate.

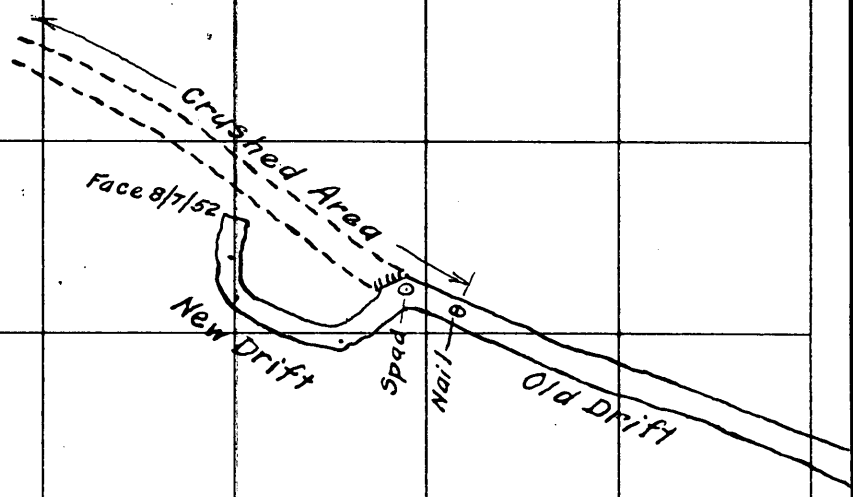
The accompanying sketch shows a Brunton compass survey of the new drift. It has been driven within the mineralized zone, but in the footwall of the Blaine fissure, in a heavy, soft, gray shale, which is impregnated with finely disseminated pyrite. The drift has been turned to the right to determine whether or not the crushed area has been passed, and is now only a few feet from the old drift at a point about 70 feet from its face. It is possible that this portion of the old drift will be within the crushed area, and that it will be necessary to continue the new drift in the more solid rock of the footwall.

Recommendation is made that the point where the company started spiling shall be established as the point of beginning of the project, and that payment of 50 percent of $27.58 per foot of advance, as stated in the contract, shall be made for spiling through crushed areas or for drifting around these crushed areas.

On the basis of the above recommendation, payment is approved for $1,061.83, which is 50 percent of the allowable cost for 77 units ($2,123.66).

M. H. Howes

M. H. Howes



United Mining Dev. Co.

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes SURVEY Brunton SCALE 1" = 50' DATE Aug. 7, 1952

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

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

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

Month of July, 1952 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co., Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $16,548.00 Government Participation: 50 % Amount, $8,274.00

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~~ XXXXXXXXXX Contracts: Short Form						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$2,123.66	None	$2,123.66			
(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	2,123.66	None	2,123.66	2,123.66	None	2,123.66

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

Date Aug. 5, 1952 *Payee United Mining Development Co.

Per U. H. Evans Title Sec. & Treasurer

*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 wilfully 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:

$1061.83

Signature
(Authorized Certifying Officer)

Date 10/1/52 Vou. No. DMA 53-41

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E340 in accordance with the terms of the contract.

Signature M. H. Howes SRW Title Mining Engineer Date Aug. 13, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 192 Docket No. DMEA1923 Contract NIdm-E340
Operator's Name United Mining Development Co., Inc. Minerals Lead - Zinc
Address 142 West Second South St. Salt Lake City, Utah

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	Ft.	2,123.66	77	2,123.66	77	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,123.66	77	2,123.66				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,123.66		2,123.66				16,548.00

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 August 5, 1952 Operator United Mining Development Co.

Per O. H. Evans Title Sec. - Treas.

O. H. Evans

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

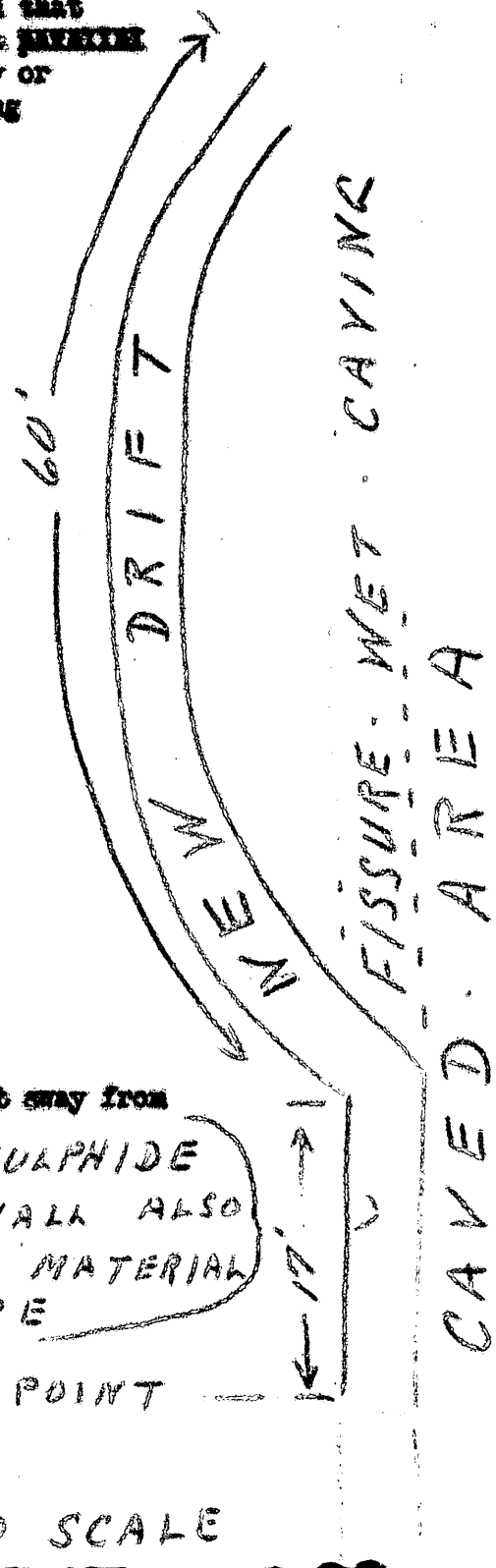
In preparing Form MF-104A, it will be necessary frequently to distribute certain costs over a number of items. For instance, supervisory and engineering costs may have to be distributed over several phases, such as, drifting, crosscutting, raising, etc., provided that these items were reported active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

U. S. GOVERNMENT PRINTING OFFICE 205676

United Mining Development Co. Inc.
142 West 2nd. South
Salt Lake City, Utah
August 1, 1952

Narrative on operations from June 6, 1952 to date:

Fissure was quite wet and caving badly so after spiling and timbering for a distance of seventeen feet we decided that it would be more advantageous and economical to run a ~~[illegible]~~ drift parallel to the fissure for a distance of sixty or seventy feet in order to get arround this badly caving area and then cut back to the fissure again.
To date we have run sixty feet of this run-around drift and expect to be back in the fissure in approximately another twenty feet.
We are approximately twenty feet to the left of the fissure and in the foot-wall side. The rock is altered shale, heavy with iron sulphite.
It is slaby ground but requires little timber.



Used spiling and timbers in this area in order to get away from badly caving area and into the foot-wall.
Now well timbered and caught-up in good shape.

Signed O. H. Evans
O. H. Evans, Opr.