228

OFFICIAL COPY
U. M. E.
RECEIVED FEB 5 1959

DATE	INITIALS	CODE
2/6/59	[illegible]	225
[illegible]	[illegible]	110
2/6	[illegible]	800
2/7	[illegible]	510

[redacted]

[redacted]

To: Chairman, Operating Committee, GSE

From: Executive Officer, GSE Field Team, Region III

Subject: Certified projects inactive during reporting period, July 1, 1958 to December 31, 1958

Enclosed is a list of certified projects whose status has not changed since the previous semiannual report.

Original signed
J. W. TOWNSEND

J. W. Townsend

[redacted]
[redacted]

cc: [redacted]
[redacted]
[redacted] File [redacted], [redacted], [redacted], [redacted], [redacted], [redacted]
[redacted].

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period July 1, 1958 - December 31, 1958
Docket and Contract Number
Operator

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:

Contract	Docket	Name	Commodity
[illegible]	110	Callahan Zinc Lead Co., Ind.	Lead-Zinc
[illegible]	434	Lead Carbonate Mines, Inc.	Lead-Zinc
[illegible]	1050	Utah Lode Company	Lead-Zinc
[illegible]	606	U. S. Metals Corp.	Lead-Zinc
[illegible]	1870	U. S. Metals Corp.	Lead-Zinc
[illegible]	[illegible]	Utah Lode Company	Lead-Zinc
[illegible]	[illegible]	Lisbon Valley Uranium Corp.	Lead-Zinc

Original signed by:
Signed Edward W. Ruel

Date January 28, 1959

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

March 17, 1958

Memorandum

To: Mingfield Chamberlain, Statistics Branch
Division of Operation Contract and Statistics

From: Director, Division of Base Metals

Subject: Report on Semi-Annual Reports of Certified Projects for the Period July 1, 1957 thru December 31, 1957.

The following projects were inactive during the cited period.

Docket No.	Contract No.	Name
DMEA-115	Idm-E6	Lupton Mining Company
DMEA-1050	Idm-E35	Utze Lode Company
DMEA-2280	Idm-E448	Utze Lode Company
DMEA-2383	Idm-E337	Verne Byrne
DMEA-2517	Idm-E413	Defender Mining Company
DMEA-3826	Idm-E883	Western Development Company of Delaware

W. A. Griswold

W. A. Griswold

8623

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 72 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 sub-marginal ores today are the normal millheads of tomorrow. Obviously, much will depend upon the trend of the metal market over the next six or eight years.

CERTIFICATIONS OF DOUBTFUL VALUE

Docket No.	Contract No.	Name
DM - 86	16-[illegible] 7	Combined Metals Reduction Company 1,000 tons - small ore pod, practically worked out.
DM - 113	16-[illegible]265	New Quincy Mining Company Small ore pod - about 100 tons, substantially worked out.
[illegible] 120	16-[illegible] 10	Bristol Silver Mines, Company 2,865 tons - 15[illegible] 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-E340	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	Utse 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.

WRG/er
Dockets (16)
Chron.

W. R. Griswold

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the period January 1 - June 30, 1957

~~Base Metals~~ Division Date ~~February 13, 1958~~

Semi-Annual Report - Certified Project Date

DMEA No. ~~2280~~ Operator ~~Utah Lode Company~~ Contract No. Idm-E ~~448~~

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	5,000	Zn. 4.70; Pb. .80; Cu. .10; ~~Ag. 5.3; Au. .03~~
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

W. R. Griswold/er

100338

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period January 1, 1959 to February 3, 1960
Docket and Contract Number DMEA 2280, Idm-E448 (Lead-Zinc)
Operator The Utze Lode Company (Madonna mine)
Chaffee County, Colorado

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

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

Remarks:

The Operator reported there was no production from the subordinated land during the reporting period.

Signed T M Romslo
T. M. Romslo

Date February 12, 1960

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado
March 4, 1958

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DMEA
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6	Com	100
"	RY	110
3/7	bEE	800
3/7	~~WRB~~	500

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 - December 31, 1957**

DMEA Docket 2280
Contract Idm-E 448
Utze Lode Company (Madonna mine)
Chaffee County, Colorado

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

W R King
Executive Officer, DMEA
Field Team, Region III

Enclosures
MHM:bh

cc: Semiannual Report File E -448
Harshman
DMEA/DFC (2)
Chron.

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period	July 1 - December 31, 1957
Docket and Contract Number	Docket DMEA 2280 (Lead-zinc) Contract Idm-E448
Operator	Utze Lode Company (Madonna mine) Chaffee County, Colorado

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

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

Remarks:

Mine has not been worked for 3 years. According to Harold R. Koster, Salida, no work is contemplated in the near future.

Signed Carl Belser

Carl Belser

Date 2/27/58

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DMEA
RECEIVED 30 1957
DATE CODE
10/1 500

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

September 26, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1957 through June 30, 1957
DMEA Docket 2280 (Lead-Zinc)
Contract Idm-E 448, The Utze Lode Company (Madonna Mine), Chaffee County, Colorado

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

Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures
MHM/vj

cc: Semiannual Report File E 448
DMEA/DFC (2)
Harshman
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
SEP 23 1957
REGION III
DENVER, COLORADO

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period	January 1, 1957 to June 30, 1957
Docket and Contract Number	DMEA 2280, Idm-E448
Operator	The Utze Lode Company (Madonna Mine)

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:

NONE

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DMEA
RECEIVED 30 1957

DATE		CODE

Signed W. J. Tesch Jr.

W. J. Tesch, Jr.

Date

Sept. 9, 1957

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

224 New Customhouse
Denver 2, Colorado

Date: February 12, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1956 through December 31, 1956
DMEA Docket 2280 (Lead-Zinc)
Contract Idm-E 448, Utze Lode Company (Madonna Mine), Chaffee County, Colorado

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

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

Enclosures
MHM/vj
cc: Semiannual Report File E 448
J. F. Shaw (2)
Harshman
Chron.

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DMEA
RECEIVED FEB 15 1957

DATE	INITIALS	CODE
2-19	C	220

DMEA
DEPARTMENT OF THE INTERIOR
FEB 8 1957
REGION III
DENVER, COLORADO

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period **July 1, 1956 to December 31, 1956**
Docket and Contract Number **DMEA 2280, Idm-E448**
Operator
Utze Lode Company (Madonna mine)

	"X" one
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:

None

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D M E A
RECEIVED FEB 15 1957

DATE	INITIALS	CODE

Signed Edward W. Buel
Edward W. Buel

Date **January 31, 1957**

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

RECEIVED
SEP 24 1956

224 New Customhouse
Denver 2, Colorado

Date: September 20, 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 2280 (Lead-Zinc)
Contract Idm-E 448, Utze Lode Company (Madonna Mine)
Chaffee County, Colorado

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

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

Enclosures

MHM/vj
cc: Semiannual Report File E 448
J. F. Shaw (2)
E. N. Harshman
Chron.

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

DMEA
DEPARTMENT OF T... ...OF
SEP 10 ...
DENV... CO...
RECEIVED
SEP 24 1956

Reporting Period Jan. 1, 1956 to June 30, 1956
Docket and Contract Number DMEA 2280, Contract Idm-E448
Operator The Utze Lode Co., Harold R. Koster, P. O. Box 500, Salida, Colo.

	"X" one
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:

Operations at the Madonna mine were suspended in March 1953 and there has been no activity to date. Mr. H. R. Koster was contacted at Salida on July 11, 1956 and verified the complete shut down of the property during the reporting period. There are no plans for future operation.

C. M. Harrer

Signed C. M. Harrer

Date Sept. 5, 1956

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

RECEIVED
JUN 14 1956

224 New Customhouse
Denver 2, Colorado

Date: June 11, 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 2280 (Zinc-Silver-Lead-Gold-Copper)
Contract Idm-E 448 Utze Lode Company (Madonna mine)
Chaffee County, Colorado

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

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

Enclosures
MHM/vj
cc: Semiannual Report File E 448
J. F. Shaw (2)
E. N. Harshman
Chron.

DMEA
Date Rec'd.

MAY 23 1956

BUREAU OF MINES
Denver, Colorado

RECEIVED

JUN 14 1956

Semi-Annual Report of Certified Projects

Reporting Period July 1 to December 31, 1955.

Docket and Contract Number DMEA 2280, Contract Idm-E448

Operator The Utze Lode Co., Harold R. Koster, P. O. Box 500, Salida, Colorado.

Commodity zinc, silver, lead ore with some gold and copper

Mine Name Madonna mine

County and State Chaffee County, Colorado

Date of Contract November 17, 1952

Date of Certification June 22, 1953

Expiration Date of Royalty Payments November 17, 1962

Date of Examination for this Report May 2, 1956

Total Amount of Contract $49,500.00

Total Expenditures under Contract $49,362.00

Amount of Government Participation at 50 % $24,681.00

Royalty Payments this Period none

Previous Royalty Payments none

Total Royalty Payments to Date none

% Loan Repayment Completed none

Amount of Royalty Due none

Royalty Remarks Property shut down during 1955.

Original Estimate of Reserves (from Final Engr.-Geol. Report):

Ore Reserves

Type	Tons
Indicated	10,000
Inferred	11,000
Total	21,000

Reserved assay about 0.03 oz. gold and 5.3 ozs. silver per ton, 0.8% lead, 4.7% zinc and 0.1% copper. The grade varies widely over short distances.

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

Revised Estimate of Reserves: Same as above.

Production this Period (Ore or Concentrates) none

Amount of Previous Production (since date of contract) none

Total DMEA Production to date none

% of Revised Reserves Mined none

Production Remarks: Property shut down during 1955.

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

Other Remarks: Operations at the Madonna mine were suspended in March 1953 and there has been no activity to date. Mr. H. R. Koster states that the property was shut down and there was no production during all of 1955.

Signed C. M. Harrer **(Engineer)**
C. M. Harrer

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

224 New Customhouse
Denver 2, Colorado

February 8, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Semi-annual Report - Docket No. DMEA-2280, (Lead-Zinc), Contract Idm-E448, Utze Lode Company, Chaffee County, Colorado

Enclosed are four copies of the Semi-annual Report on Contract Idm-E448.

W. M. Traver

W. M. Traver

Enclosures

pw

FEB 2 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECTS

FEB 10 1955

Period:	July 1, 1954, to December 31, 1954
Docket No.:	DMEA 2280 Contract Idm-E448 (Lead-zinc)
Operator:	Utze Lode Company P. O. Box 500 Salida, Colorado
Name of mine:	Madonna
County:	Chaffee County, Colorado
Date certified:	June 22, 1953
Contract amount:	$49,500.00 Amount spent: $49,362.00
Government Participation:	50 percent, or $24,081.00 *
Remarks:	Operations at the Madonna mine were suspended in March 1953, and have not been resumed as of January 1, 1955. Exploration up to the date of closing had been carried out under DMA 1050, Contract I-DMA-E35, and later, DMEA 2280, Contract Idm-E488. The status of the property was checked by reference to the records of the Division of Mineral Industry Statistics, Bureau of Mines, Region III. There was no production from the property during the period July 1, 1954, to December 31, 1954. The reserves of ore remain as shown in the semi-annual reports on a certified project, DMEA 2280, for the period January 1, 1953, to June 30, 1953.

* $ 24,681.00 per Cont. Admin. & Audit Div. records.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period:	January 1, 1954, to June 30, 1954
Docket No.:	DMEA 2280 Contract Idm-E448 (Lead-zinc)
Operator:	Utze Lode Company P. O. Box 500, Salida, Colorado
Name of mine:	Madonna Location: Chaffee County, Colorado
Date certified:	June 22, 1953
Contract amount:	$49,500.00 Amount spent: $49,362.00
Government participation:	50 percent, or $24,081.00
Remarks:	Operations at the Madonna mine were suspended in March 1953, and have not been resumed as of July 1, 1954. Exploration up to the date of closing had been largely carried on under DMA 1050, contract I-DMA-E35 and, later, DMEA 2280, contract Idm-E448. The status of the property was checked by reference to the records of the Statistics Branch, Mineral Industry Division, Region IV, Bureau of Mines, by a Bureau of Mines engineer who was in the vicinity in June 1954, and by a letter from the operator, copy attached. There was no production from the property during the period January 1, 1954, to June 30, 1954. The reserves of ore remain as shown in the semi-annual report on a certified project, DMEA 2280, for the period January 1, 1953, to June 30, 1953.

Attachment

MHS/kp
E448

Mineral Resources Branch
Date Rec'd
JUL 29 1954
BUREAU OF MINES
Denver, Colorado

INST. ENGR.
EXAMINATION
DIST. ENGR.
PERSONNEL
FILES

P. O. Box 500
Salida, Colo.
July 19, 1954

U. S. Department of the Interior
Bureau of Mines
Mineral Resources Branch
Building 20, Room 137
Denver Federal Center
Denver 2, Colorado

Re: DMA 1050, Contract I-DMA-E35
DMEA 2280, Contract Idm-E448
Madonna mine, Chaffee County, Colorado

Attention: Mr. W. M. Traver

Dear Mr. Traver:

This is to advise you that no work has been done or production made at the Madonna mine during the period January 1, 1954, through June 30, 1954.

Very truly yours,

THE UTZE LODE COMPANY

By Harold R. Koster
Harold R. Koster
Treasurer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period:	July 1, 1953 to December 31, 1953
Docket No.:	DMEA 2280 Contract Idm-E448 (Lead-zinc)
Operator:	Utze Lode Company P.O. Box 500, Salida, Colorado
Name of Mine:	Madonna Location: Chaffee County, Colorado
Date Certified:	June 22, 1953
Contract Amount:	$49,500.00 Amount spent: $49,362.00
Government Participation:	50 percent, or $24,081.00
Remarks:	Operations at the Madonna mine were suspended in March 1953, and have not been resumed as of January 1, 1954. Exploration up to the date of closing had been largely carried on under DMA 1050, Contract I-DMA-E35, and, later, DMEA 2280, Contract Idm-E448. The status of the property was checked by inquiry, by reference to the records of the Statistics Branch, Mineral Industry Division, Region IV, Bureau of Mines, by a Bureau of Mines engineer who was in the vicinity in October 1953, and by a letter from the operator, copy attached. There was no production from the property during the period July 1, 1953, to December 31, 1953. The reserves of ore remain as shown in the semi-annual report on a certified project, DMEA 2280, for the period January 1, 1953, to July 31, 1953.

MHS/kp
E448

COPY

HAROLD R. KOSTER, INC.
Harold R. Koster — President
William Taliaferro — Sec'y.-Treas.
Box 500
Salida, Colorado

January 8, 1954

U. S. Department of Interior
Bureau of Mines
Building 20, Room 137
Denver Federal Center
Denver 14, Colorado

Ref: DMA 1050, Contract I-DMA-35

Attention: W. M. Traver, Chief

Ref: DMEA 2280
Contract Idm E448 - Madonna Mine
Chaffee County

Dear Mr. Traver:

This is to advise you that shortly after the above contract was finished, and that owing to the price of lead and zinc, the pumps were pulled at the Madonna Mine, and the mine was closed down. This was about May 1, 1953. Since that time, we have had a watchman on the property. Mr. George Kirby is the watchman. He immediately cleaned up all of the machinery, and painted the pumps after overhauling them, and painted the cars and the trammer and rehabilitated the mine, even to painting the building.

This is just a report to you, as the condition is at the Madonna Mine at this time. There is a watchman on duty 24 hours a day.

Yours truly,

THE UTZE LODE COMPANY

By /s/ Harold
Treasurer

HRK:JM

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

mds

224 New Customhouse
Denver 2, Colorado

September 22, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Semiannual Report - Docket No. DMEA-2280, Contract No. Idm-E448 (Lead-Zinc), Utze Lode Company.

Enclosed are four copies of the Semiannual Report on Contract No. Idm-E448.

W. H. King

W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

SEMI-ANNUAL REPORT OF SERTIFIED PROJECT

Period: January 1, 1953 to June 30, 1953

Docket No.: DMEA 2280 Contract Idm-E446 (Lead-zinc)

Operator: Utze Lode Company
P. O. Box 500, Salida, Colorado

Name of Mine: Madonna Location: Chaffee County, Colo.

Date Certified: June 22, 1953

Contract Amount: $49,500.00 Amount spent: $49,362.00

Government Participation: 50 percent, or $24,681.00

Remarks: Operations at the Madonna mine, entirely exploratory, were suspended in March 1953 and have not been resumed to date. The exploration project, which has resulted in an ore discovery, is a continuation of a previous project carried on under DMA 1050, Contract I-DMA-435. It resulted in extension of previously outlined ore bodies to an estimated total of 10,000 tons of indicated ore and 11,000 tons of inferred ore, all sub-marginal, averaging 0.035 ounce gold and 3.0 ounces silver per ton, and 0.6 percent copper, 1.0 percent lead and 5.0 percent zinc. None of this ore has been mined. The contractor drove a drift and inclined raise, without Government assistance, after completion of the drilling project but did not ship any of the low-grade ore encountered, although a mill test would have constituted an excellent sample.

MHS/le

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

224 New Customhouse
Denver 2, Colorado

May 14, 1953. Granville Betty

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2280, Contract Idm-E448 (Lead-Zinc), Utze Lode Company (Madonna Mine), Chaffee County, Colorado.

Enclosed are two copies of the Operator's Final Progress Report MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of February 1953, pertaining to DMEA Docket 2280, Contract Idm-E448 (Lead-Zinc), Utze Lode Company (Madonna Mine), Chaffee County, Colorado. There was no jointly-owned property purchased under this contract. The contract was a short form one prepared on Form MF-200A.

Forms were processed for payment in conformance with the Report of Review by the Contract Administration and Audit Division dated May 8, 1953.

Government's full contribution amounted to $24,681.00 as allowed by the contract.

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

W. H. King
W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

May 8, 1953.

FINAL

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2280, Contract Idm-E448 (Lead-Zinc), Utse Lode Company (Madonna Mine), Chaffee County, Colorado. Operator's Monthly Progress Report for the period February 1953.

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

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

This report constitutes the Operator's final claim under the contract and is recommended for payment in conformance with the final Report of Review by the Contract Administration and Audit Division dated May 8, 1953.

Amount claimed by Operator this report	$14,832.00
Payment to Operator at 50 percent	7,416.00
Total payment including Feb. 1953	$24,681.00

Remarks:

Date of Report	March 3, 1953
Date Received in Field Office	March 9, 1953
Date Received in Region Office	March 13, 1953
Date Processed for Payment	May 8, 1953

Held up pending receipt of Report of Review.

W. H. King
W. H. King

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

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 12, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2280, Contract Idm-E448 (Lead-zinc), Utze Lode Company (Madonna mine), Chaffee County, Colorado - Progress report for February 1953

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative, drill logs, and assay reports--and the original and six copies of Scott W. Hazen, Jr.'s, memorandum verifying the 1,236.0 feet of underground core drilling claimed and reported in the narrative and correctly entered and extended on the reporting forms. Payment is approved under the terms of the short-form contract.

The amount approved and certified on the MF-104 form is $7,416.00, or 50 percent of the total $14,832.00 claimed. There remains a balance in the account of $138.00 of the contract amount, $49,500.00.

The attached letter from W. E. Burleson revises some of the factual data in the narrative but in no way affects the report or memorandum.

Floyd D. Everett
for
W. M. Traver

enclosures

WMT/cb

cc 4
E448
DMEA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 12, 1953

Memorandum

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

From: Scott W. Hasen, Jr.

Subject: DMEA 2280, Contract Idm-E448 (Lead-zinc), Utse Lode Company (Madonna mine), Chaffee County, Colorado. Progress report for February 1953

A field inspection was made on February 26, 1953, in company with Nelson Harshman of the Geological Survey. All the core, except the last 50 feet of hole 104, was roughly logged and inspected at that time. Hole 104 was being extended and was completed on the morning of February 27 before we left Salida. All the core, except the last portion of hole 104, was loaded and transferred to the core storage library at the Denver Federal Center. The Utse Lode Company split the core from mineralized zones and had the split assayed after the original core had been examined by representatives of DMEA.

Drill hole 107 encountered ore on the granite-limestone (dolomite) contact.

Sample	Interval, feet	Ounces per ton		Percent		
		Gold	Silver	Copper	Lead	Zinc
107-1	60.0 - 64.0	0.015	0.7	trace	0.4	7.9
107-2	64.0 - 66.0	0.02	0.8	0.3	0.6	17.5
107-3	66.0 - 69.0	0.015	0.7	0.4	0.7	16.6
107-4	70.0 - 73.0	0.02	0.6	0.015	0.6	0.9
107-5	73.0 - 75.0	0.045	3.2	0.3	0.5	1.8
107-6	75.7 - 76.7	0.04	2.7	0.3	0.6	2.7
107-7	85.8 - 87.0	0.065	6.9	3.1	0.7	15.1

Drill holes 108, 110, and 111 all encountered pyrite mineralization. A north-south fault is indicated by drill holes 108 and 111. Drill holes 109 and 112 did not reach the granite-limestone contact. This indicates at least a 100-foot drop in the section west of the

end of the drift on the 590 winze level. If this north-south fault does not offset the Madonna fault, the drop to the west may be sufficient to have at least one, if not both, walls of the Madonna fault in limestone on the 590 winze level at a point west of drill hole 107. There is a good possibility for ore west of hole 107. The Utze Lode Company is driving to cut the ore found in drill hole 107 but its stockholders have voted to do no more than cut the ore and then plan to pull the pumps. The copper values are encouraging for ore at depth but zinc is too low in price to justify mining the ore at present.

The operator has had some difficulty with the drill subcontractor in getting maximum possible core recovery at some contacts. The driller argues he had to use what drillers were available in order to drill three shifts per day, 7 days per week, as requested by the operator. Actual drilling costs to the operator have exceeded the allowed $12.00 per foot.

The work, as specified in the contract, has been completed. All but 12 feet of the allowed core drilling was used. Drill holes 111 and 112 were given prior written approval and the other holes were already shown in their tentative locations on the map accompanying the contract. Drill hole 104 was deepened on approval of the DMEA representatives. It was apparently directed too high to cut the ore previously found and which is now known to be on the Madonna fault and not on the granite-limestone contact as previously suspected.

A total of $49,362.00 of the allowed $49,500.00 was expended. The operator will submit a final engineering report as soon as the drift to hole 107 is completed. The company has purchased the Mistletoe holdings which gives it a complete block of claims.

Approval is recommended for one-half of the expenditures made in February, or $7,416.00. This is the final amount due the contractor.

Russell R. McLellan
for
Scott W. Hazen, Jr.

SWH/cb

cc 6
E448
DMEA Chron

March 10, 1953

Mr. William M. Traver, Jr.
U. S. Bureau of Mines
Room 137, Building 20
Denver Federal Center
Denver 14, Colorado

Re: Exploration Project Contract No.
Idm-E448, Docket No. IMEA 2280
Utse Lode Co., Salida, Colorado

Dear Mr. Traver:

In my report of the exploration work accomplished at the Madonna mine during the month of February 1953, I wish to correct one statement. I stated that diamond-drill hole #111 was drilled S 40° E whereas it should have been S 50° E. It had been planned to drill this hole S 40° E and later it was changed to S 50° E. I will assume the responsibility of this error.

Yours very truly,

W. E. Burleson

W. E. Burleson

WEB:JB

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

MAY 18 1953

Month of February, 1953 Docket No. DMEA 2200 Contract No. Idm-5448
Operator's Name The Utze Lode Company Minerals Lead & Zinc
Address Box 500, Salida, Colorado
Contract Amount, $ 49,500.00 Government Participation: 50% Amount, $ 24,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	14,832.00	6030.00	20,862.00			
Bulldozing						
Crosscutting						
Drifting		26,000.00	26,000.00			
Diamond Drill Stations		2,500.00	2,500.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental	Contract given by price unit					
Purchase	per foot of drifting,					
Depreciation	price per foot for diamond					
(5) Initial Rehabilitation and Repairs	drilling, and price unit					
(6) New Bldgs., Improvements, etc.	for each station.					
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	14,832.00	34,530.00	49,362.00	14832.00	34530.00	49,362.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 3-3-53 *Payee The Utze Lode Company
Per Harvey R. Kates Title 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 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:

$ 7416.00

Signature
(Authorized Certifying Officer)

Date 5/11/53 Vou. No. DMA 53-136

(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-448 in accordance with the terms of the contract.

Signature [illegible] 7416th WMT Title Mining Engr Date May 10 1953

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

Signature W. H. King Title Executive Officer Date MAY 8 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 Exploration Administration
MAY 18 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1953 Docket No. DMEA 2230 Contract No. Idm-3448
Operator's Name The Utze Lode Company Minerals Lead & Zinc
Address Box 500, Salida, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot	None	None	26,000.00	400'	$65.00	400'	$65 a foot
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	14,632.00	1220'	20,362.00	1733.5	$12	1750'	$12 a foot
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Stations	2	None	None	2,500.00	3	833.33	3	833.33 unit
TOTAL DISTRIBUTED COSTS		14,632.00		49,362.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		14,632.00		49,362.00				

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: Work done by contract as outlined above.

Date 3-3-53 Operator The Utze Lode Company

Per Howard R Estes Title Treasurer

→ 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

[illegible]
[illegible]
Date: March 8, [illegible]
[illegible]: Utne Lode Company, Salida, Colorado
[illegible]: Utne Lode Company, Salida, Colorado
Diamond Drill Holes (Completed): [illegible], 103, 104, 108, [illegible], [illegible], [illegible] & 112.
Footage: 1236 Feet.

In accordance with Docket D.M.F.A. Number 2230, Utne Lode Company, Salida, Colorado, the following exploration work has been completed for the month of February 1968:

Diamond Drill Hole number 104 was drilled S 16°E at a plus 40 degrees from the number 2 diamond-drill station. Zero to 5 feet was drilled NX, 5 to 140 feet was BX and 148 to 202 feet was AX. This hole after reaching 148 feet was stopped until Bureau engineers could review core. Later it was drilled an additional 55 feet. The total footage was 202.

0 - 127' Lime
127' Lime - granite contact
82 - 84 Altered Lime
92 - 94 Altered Lime
127 - 134 Altered granite
133 12" granite talc material
135 - 136 Slight Fe sludge reported
135 - 136 small seams of Fe in altered granite
175 - 179 small seams Fe cut on a 45° angle
149 - 202 sections of altered granite.

There was no evidence that the Madonna fault had been intersected. It was concluded that the angle of this hole was such that it had probably passed over the top of the mineralization and would have to be drilled a considerable footage to intersect the fault.

Diamond Drill Hole #105 was drilled N35°E on a minus 65° angle. The total footage was 81.

0 - 5 NX Limestone
5 - 81 BX
52 - 58 Granite contact
52 - 58 to 81 Granite

This hole showed that the limestone basin was quite shallow. No mineralization was present at contact.

Owing to the results of D.D.H. #105, Hole #106, was not drilled.

Diamond Drill Hole #107 was drilled S15E at a plus 3 degree angle. This hole bottomed at 104 feet.

0 - 5 NX Limestone
5 - 104 BX Limestone, Mineralization & granite
5 - 60 Lime (some alteration)
60 - 69 Mineralization
69 - 70 Lime & granite
70 - 71.6 Mineralization
71.6 - 73.5 Altered lime & granite
73.5 - 75.2 Mineralization
75.2 - 76 Lime & granite
76 - 77 Mineralization
77 - 79 Lime & granite
79 - 85.7 Altered Granite
[illegible].7 - 87.2 Mineralization
[illegible] - [illegible] Granite

Sample No.	Footage	Recovered Core Sampled	Au	Ag	Pb	Zn	Cu
107-1	60-64	1.3	0.015	0.70	0.40	7.90	Tr.
107-2	64-66	2.0	0.02	0.80	0.60	17.50	0.30
107-3	66-69	1.4	0.015	0.70	0.70	16.60	0.40
107-4	70-71.6	1.6	0.02	0.60	0.60	0.90	0.15
107-5	73.5-75.2	1.7	0.045	3.20	0.50	1.80	0.30
107-6	76-77	1.0	0.04	2.70	0.60	2.70	0.30
107-7	85.7-87.2	1.6	0.065	6.90	0.70	15.10	3.10

It cannot be said at this date the extent of this mineralized area. However, a cross-cut tunnel is being advanced to intersect this section. The results will be reported at a later date.

Diamond Drill Hole #108 was drilled from station number 3 at a vertical angle downward. Hole #110 preceded this hole but owing to the results of Hole 110, this hole 108 was drilled. This hole was drilled 141 feet.

0-10 NX
10-119 BX
119-141 AX

0 - 7 Altered Limestone
7 - 54 Limestone slightly altered
54 Limestone - granite contact
55-60 Small amount Mineralization (small core recovery)
60-75 Small amount mineralization altered granite
75 Granite - Limestone contact
75 - 78 Small amount Fe
78-122 Limestone slight alteration
122-130 Limestone with some Fe
130-135 No core reported more mineralization.
135-141 Limestone with small amount of Fe

It would seem that the results of this hole reveal that faulting is in evidence. Otherwise you would not intersect the granite contact and then go back into limestone. The recovered mineralization throughout was weak.

Diamond Drill Hole #109 was drilled S77°W at a plus 3° angle. The total footage was 129.

0 - 5 NX Limestone (altered)
5 - 129 BX Limestone
10 - 11 Oxidized Limestone
24 - 47 Oxidized seams
4 - 129 Small oxidized crevices

Some cherty material was present in this hole. Between 54 and 76 feet a few flecks and small seams of pyrite was present.

Diamond Drill Hole #110 was drilled N 7° E at a minus 65 degree angle. This hole was drilled a total of 230 feet.

0 - 8 NX
8 - 153 BX
153 - 230 AX

[illegible] - [illegible]
[illegible] 82 Water course - cemented
91 - 92 Oxidized limestone
146 - [illegible] Small seams of chert
180 - [illegible] Small amount of pyrite
212 Talc
212 - 215 14 inches of heavy pyrite (sampled)
215 - 230 Granite (altered)

Results of this hole reveals that limestone granite contact is of a greater angle than assumed. First calculations expected this contact at about 150 to 175 feet. Sampled zone will be reported later.

Diamond Drill Hole #111 was drilled S ~~40°~~ 50° E at a minus 45 degree angle. Owing to some of the holes not been drilled, authorized permission was granted for the location of this hole. The total footage was 72.

0 - 4 NX
4 - 46 BX
46 - 72 AX

0 - 7 Oxidized Limestone
28 Oxidized Limestone
44 1 foot Oxidized Limestone
45 - 57 Slight mineralization (mostly Fe)
57 Granite contact

Results of hole showed that limestone-granite contact was of a greater angle than expected. m c!

Diamond Drill Hole #112 was drilled N 42° W at a minus 50 degree angle. This hole was authorized by approved agencies. This hole was drilled 277 Ft.

0 - 5 NX Limestone
5 - 185 BX Limestone
185 - 277 AX Limestone
0 - 26 Oxidized-altered limestone
30 - 34 Oxidized & small crevides present
43 - 72 Oxidized seams
75 - 97 Firm limestone
97 - 115 Oxidized seams and small crevices.
115 - 120 Highly oxidized and porus.
120 - 128 Firm limestone
128 - 131 Porus
131 - 141 Slightly porus.
141 - 162 Firmer limestone
162 - 166 Broken up limestone
166 - 170 Firm limestone
170 - 175 Oxidized crevices
175 - 185 Firm light-colored limestone
185 - 331 Small chert seams present (blue limestone)
m205 Small showing of pyrite
1852 - 266 Small flecks of pyrite present
231 - 276 Hard blue limestone

This hole was drilled a greater distance than expected. It was assumed that the back or granite contact would be intersected at approximately 200'. All samples were analyzed by W. H. Smith, Leadville, Colorado.

[illegible] company has [illegible] to drive a [illegible] to [illegible] zone found in diamond-drill hole #[illegible].

The [illegible] report will not be submitted until the above mentioned [illegible] is completed. This will reveal invaluable information.

In conclusion, there were [illegible] feet of diamond drilling accomplished during the month of February, 1953.

Respectfully submitted,

W. E. Burleson

W. E. Burleson

FOUR MOUNTAIN DIAMOND DRILLING COMPANY
W. L. Rogers
Daily Drill Report

Contractor Pitman Lake Co. Date February 2, 1953 Place Nederland, Colorado

Drill No. ____ Type 11S-15 Prospect No. 104 Angle of Hole 40° plus S 16 E

Day Shift _____ Evening Shift _____ Night Shift 12-8.

From	To		
0'	5'	NX Lime	Core Recovered - 3' 2 hrs. delay for blasting drill station. 2-2-53 Day Shift 8 - 4
5'	17'	12' BX Lime	Core Recovered 11' 2-3-53 Evening Shift 4 - 12
17'	35'	18' BX Limestone	The lime formation was broken and core recovery was poor from 17' to 28', good on the last 7'. Core Recovered - 12' 2-3-53 Night Shift 12 - 8
35'	52'	17' BX Limestone	Core Recovered - 11' 2-4-53 Day Shift 8 - 4
52'	72'	20' Lime	Core Recovered - 18' 2-4-53 Evening Shift 4 - 12
72'	92'	20' BX Limestone	Core Recovered - 20' 2-5-53 Evening Shift 4 - 12
92'	104'	BX Limestone	5 BX bits, 1 AX bit, 1 NX bit. Delay for water one hour. Core Recovered - 11' 2-7-53 Day Shift 8 - 12
104'	118'	14' BX Limestone	4 BX, 1 NX, 1 AX, Bits. 1½ hours waiting on compressor. Same running, not pumping. Core Recovered - 14' 2-7-53 Evening Shift 4 - 12
118'	135'	18' BX Limestone & Granite	4 BX, 1 NX, 1 AX Bits. Reached granite at 127' had a little iron sludge at 135' to 136'. Core Recovered - 17' 2-8-53 Day Shift 8 - 4
136'	149'	BX Granite	4 BX, 1 NX, 1 AX Bits. Drilled in granite and some iron 136' to 139', hard granite to 149'. Hole completed 149' BX. Core Recovered - 12'

[illegible] DIAMOND DRILLING CO.
W. A. Rogers
Daily Drill Report

Contractor Pine Lode Co. Date 2-25-53 Place Mona rch, Colorado

Drill No. ____ Type 15 Prospect No. 104 Ex. Angle of Hole Plus 40

Day Shift _____ Evening Shift _____ Night Shift 12 - 8

From	To		
149'	152'	3' Granite	Core Recovered - 3'
			2-26-53 5 Day Shift 8 - 4
152'	170'	18' AX Granite	Had Core Recovered - 17'
			2-26-53 Evening Shift 4 - 12
170'	186'	16' AX Granite with small amount of iron	Core Recovered - 16'
			2-26-53 Night Shift 12 - 8
186'	195'	9' AX Granite	Trying to pull AX casing - 2 hrs. Core Recovered - 10'
			2-27-53 Day Shift 8 - 4
195'	202'	7' AX Granite	Hole Complete 202' AX Core Recovered - 6'

ROCKY MOUNTAIN DIAMOND DRILLING CO.
W. A. Rogers
Daily Drill Report

Contractor Ute Lode Company Date 1-31-53 Place Monarch, Colorado

Drill No. _____ Type HS-15 Prospect No. 105 Angle of Hole 65° N 35 E

Day Shift _____ Evening Shift 4 - 12 Night Shift _____

From	To		
0'	5'	5' NX Limestone	Trouble getting 2½" pipe in hole. Some caving. Core Recovered - 4'
			1-31-53 Night Shift 12 - 8
			No Pump Man
			2-1-53 Day Shift 8 - 4
5'	15'	10' BX Limestone	4 hrs. getting air tank and helping take tank in mine. Core Recovered - 9'
			2-1-53 Evening Shift 4 - 12
15'	23'	8' BX Limestone	Formation broken up. Core Recovered - 8'
			2-1-53 Night Shift 8 - 4
23'	42'	19' BX Limestone	Core Recovered - 15'
			2-2-53 Day Shift 8 - 4
42'	66'	14' BX Lime	Nipple on water swivel broke. Core Recovered - 10'
			2-2-53 Evening Shift 4 - 12
55'	81'	26' BX Granite	Hole Complete 81' BX Core Recovered - 12'

ROCKY MOUNTAIN DIAMOND DRILLING CO.
W. A. Rogers
Daily Drill Report

Contract Man Left Co. Date 2 - 9 - 53 Place [illegible] Nederland, Colo.

Drill No. ____ Type AX 15 Prospect No. 107 Angle of Hole 8° S 15 E

Day Shift _____ Evening Shift 4 - 12 Night Shift _____

From	To		
0'	8'	8' NX Limestone	5 BX, 2 AX, 1 NX
8'	12'	4' BX Limestone	Core Recovered - 11'
			2-9-53 Night Shift 12 - 8
12'	42'	30' BX Lime	5 BX, 1 NX, 2 AX Core Recovered - 28'
			2-10-53 Day Shift 8 - 4
42'	69'	27' BX Limestone to 60' Iron ore to 60' 1"core 00' to 64' plus sludge 3½' core 64' to 69' plus sludge 18' lime core 42 to 60	4 BX, 2 AX, 1 NX Broke & replaced chuck luck ring Core Recovered - 22½'
			2-10-53 Evening Shift 4 - 12
69'	92'	23' BX Limestone with zinc showing, also granite with iron and zinc showing in core.	Sludge samples from 69' - 74' and 74' - 78' Core Recovered - 21'
			2-10-53 Night Shift 12 - 8
92'	104'	12' BX Mineralized granite	5 BX, 2 AX, 1 AX

[illegible] Co.
H. A. [illegible]
Daily Drill Report

Contract [illegible] Co. Date 2-15-53 Place Monarch, Colo.

Drill No. [illegible] Type MS 15 Prospect No. 108 Angle of Hole Vertical

Day Shift [illegible] Evening Shift 4 - 12 Night Shift [illegible]

From	To		
			Waiting for drill station to be cut larger.
			2-15-53 Night Shift 12 - 8
0'	30'	30' NX Limestone 10' BX Limestone 20'	Core Recovered - 27'
			2-16-53 Day Shift 8 - 4
30'	55'	25' Limestone	Core Recovered - 24'
			2-16-53 EveningShift 4-12
55'	80'	25' BX Granite with iron.	Sludge sample 55' to 60'
55'	60'	5' Iron	Core Recovered - 20'
			2-16-53 Night Shift 12 - 8
80'	101'	21' BX Limestone with iron seams	Had one hour delay to help with pumps.
			2-17-53 Day Shift 8 - 4
101'	117'	16' BX Limestone with iron	Hole caving badly, stuck when pulling outt Core Recovered - 14'
			2-17-53 Evening Shift 4 - 12
117' 117'	119' 122'	2' BX Limestone 3' AX Limestone	Hole caving badly, machine unable to turn rods, stack coming out. Core Recovered - 5'
			2-17-53 Night Shift 12 - 8
122'	141'	19' AX Limestone & iron. Sludge from 130' to 135'. Sludge from 135' to 141'. No core from 130 to 135'.	Core Recovered - 8'
			2-18-53 Day Shift 8 - 4
			2 hours getting stuck rod out of hole. 3 hours waiting on eng.

ROCKY MOUNTAIN DIAMOND DRILLING CO.
W. A. Rogers
Daily Drill Report

Contract Utze Lode Co. Date 2-4-53 Place Monarch, Colo.

Drill No. _____ Type CP Propsect No. 109 Angle of Hole Horiz. 30S77W

Day Shift 12 - 8 Evening Shift _____ Night Shift _____

From	To		
			8 Hrs. setting up C. P.
			2-4-53 Night Shift 12 - 8
0'	9'	9' Limestone	Reamed hole 4 hrs. 4BX - 1AX NX casing is worn out, could not drill deeper. Core Recovered - 8'
			2-5-53 Day Shift 8 - 4
9'	21'	11' BX Hard Lime	1 Hr. delay for air compressor running, not pumping Core Recovered - 10'
			2-5-53 Night Shift 12 - 8
21'	40'	19' BX	5BX Bits, 1 AX, 1 NX 1 Hr. Reaming Core Recovered - 13'
			2-6-53 Day Shift 8 - 4
40'	54'	14' BX Limestone with some quartzite	Formation broken up. Eddie Claunts worked 4 hrs. Core Recovered - 12'
			2-6-53 Evening Shift 4 - 12
54'	78'	24' Quartzite & iron seams. Limestone	5BX Bits, 1 NX, 1 AX Had some trouble with machine freezing. Core Recovered - 23'
			2-6-53 Night Shift 12 - 8
78'	87'	9' Limestone quartzinte	5 BX Bits, 1NX, 1AX Machine freezing up all night. Core Recovered - 7'
			2-9-53 Evening & Night Shift
87'	111'	24' BX Limestone	3 hrs. delay moving HS to 109 Core Recovered - 23'
			2-9-53 Day Shift 8 - 4
111'	119'	9' BX Limestone	2 hr. delay with broken rod gun 5 BX, 2AX, 1 NX Core Recovered - 9'
			2-9-53 Evening Shift 4 - 12
119'	129'	10' BX Limestone	Hole Complete 129' BX Core Recovered - 9'

[illegible]
W. A. [illegible]
Daily Drill Report

Contractor [illegible] Co. Date 2-11-53 Place Monarch, Colorado

Drill No. ____ Type HS 15 Prospect No. Hole 110 Angle of Hole -65° N 7 E

Day Shift 8 - 4 Evening Shift ____ Night Shift ____

From	To		
0'	12'	12' BX - 8' to 12' NX - 0' to 8' Limestone	Core Recovered - 8'
			2-11-53 Evening Shift 4 - 12
12'	32'	20' BX Limestone	Trouble getting out of hole. Water course at 30ft. Core Recovered - 19'
			2-11-53 Night Shift 12 - 8
32'	42'	10' Limestone	1 sack cement luminite Hole caving bad. Had to cement hole. 3 hrs. waiting. Core Recovered - 40'
			2-12-53 Day Shift 8 - 4
42'	51'	9' BX Limestone	Worked three hours on compressors. Broke one chuck wrench. Water course carrying away cement. 5' in hole. Core Recovered - 8'
			2-12-53 Evening Shift 4 - 12
51'	76'	25' BX Limestone	24' Core Recovered
			2-12-53 Night Shift 12 - 8
76'	92'	16' BX Limestone	Core Recovered - 16'
			2-13-53 Day Shift 8 - 4
92'	119'	27' BX Limestone	Started on new Marfax.
			2-13-53 Evening Shift 4 - 12
119'	145'	26' BX Broken Limestone showing iron	1' cave in hole last run hit heavy mineral zone 145'. Core Recovered - 24'
			2-13-53 Night Shift 12 - 8
145'	153'	8' BX Lime	Lost core coming out of hole. Drilling back over same. Hole caving badly, making 5' run. Core recovered - 8'
			2-14-53 Day Shift 8 - 4
153'	169'	15' AX Limestone & quartzite	Core Recovered - 8'
			2-14-53 Evening Shift 4 - 12
168'	190'	22' AX Limestone & quartzite. Iron showing at 190' taking sludge.	Core Recovered - 15'
			2-14-53 Night Shift 12 - 8
190'	207'	17' BX Lime	Core Recovered - 12'
			2-15-53 Day Shift 8 - 4
207'	230'	23' AX Limestone & Iron to 215'. Granite [illegible]	Hole Completed 230' AX Core Recovered - 13'

[illegible] DIAMOND [illegible] CO.
W. A. Rogers
Daily Drill Report

Contract Pike Rock Co. Date 2-18-53 Place Monarch, Colorado

Drill No. _____ Type CP Prospect No. 111 Angle of Hole 45°

Day Shift _____ Evening Shift 4-12 Night Shift _____

From	To		
0'	4'	4' NX Overburden	Not room enough to pull rods, or get core barrel in hole on first set up. Bottom of drift shof all up.
			2-18-53 Night Shift 12 - 8
4'	18'	14' BX Limestone	Seems to be some cave about 10' down. Core Recovered - 10'
			2-19-53 Day Shift 8 - 4
18'	39'	21' Limestone	Core Recovered - 20'
			2-19-53 Evening Shift 4 - 12
39'	46'	7' BX Limestone	Stuck in hole 18' from collar
49'	51'	3' AX Showing Iron	Core Recovered - 26'
51'	67'	18' AX Granite	
			2-19-53 Night Shift 12 - 8
67'	72'	5' AX Granite	Core Recovered - 5'

Limestone

Core Recovered - 19'

2-22-55 Dry Hole

Core Recovered - 19'

2-22-55 Formation Tester

Limestone

Mud [illegible] in formation
Core Recovered - 12'

2-22-55 Mixed Mud [illegible] - 9

Core Recovered - 12'

2-22-55 Dry Hole

Core Recovered - 20'

2-22-55 Mixed Mud

Limestone

Core Recovered - 20'

2-22-55 Mixed Mud

Limestone

Mud [illegible] Water, [illegible]
Core Recovered - [illegible]

2-22-55 Mixed Mud [illegible]

Limestone

Core Recovered - 3'

2-22-55 Dry Hole

Limestone

Core Recovered - 20'

2-22-55 Mixed Mud

Limestone

Core Recovered - 20'
[illegible]

2-22-55 [illegible]

Limestone

Core Recovered - [illegible]

2-22-55 Dry Hole [illegible]

Limestone

[illegible]
Core Recovered - 20'

2-22-55 Mixed Mud

Limestone

Core Recovered - 20'

2-22-55 Dry Hole [illegible]

Limestone

[illegible]
Core Recovered - 20'
[illegible]

[illegible] Samples Bridge

[illegible] states that the material found in the [illegible] and in his [illegible] the bridges do not extend [illegible] the [illegible] through which the [illegible] depth has passed. [illegible] that the [illegible] from the rocks, most likely, [illegible] with the [illegible] metals.

Number	Gold	Silver	Lead	Zinc	Copper
300	0.09	2.6	0.4	0.6	0.2
107-1S	0.02	0.8	0.4	4.6	0.25
107-2S	0.015	0.4	0.5	3.7	0.2
108-1S	0.03	0.6	0.2	0.4	Trace
108-2S	0.04	0.7	0.3	0.3	Trace
108-3S	0.05	0.8	0.7	0.6	0.1
110-1S	0.015	0.4	0.4	0.5	0.2
110-2S	0.03	1.4	0.6	1.2	0.2
111-1S	0.02	0.8	0.6	0.4	0.1
107-1	0.015	0.7	0.4	7.9	Trace
107-2	0.02	0.7	0.6	17.5	0.3
107-3	0.015	0.7	0.7	16.6	0.4
107-4	0.02	0.6	0.6	0.9	0.15
107-5	0.045	3.2	0.5	1.8	0.3
107-6	0.04	2.7	0.6	2.7	0.3
107-7	0.065	6.9	0.7	15.1	3.1
300-1	0.08	6.4	1.6	7.2	Trace
300	0.095	9.0	1.1	1.6	0.1 Stope H. W.
300	0.12	6.1	6.0	13.2	0.4 Stope F. W.
400-1	0.065	4.0	0.9	2.1	0.7
110-1	0.015	0.5	0.6	0.6	0.15

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

224 New Customhouse
Denver 2, Colorado

Unassorted
Betty

February 26, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1953

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: MF-104, DMEA Docket 2280, Contract Idm-E448 (Lead-Zinc)
Utze Lode Company, Madonna Mine, Chaffee County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer/s Narrative Report, and other supporting data for the month of January, 1953, pertaining to DMEA Docket 2280, Contract Idm-E448, Utze Lode Company.

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 17, 1953.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

Memorandum

To : T. A. Christensen

From : Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2280, Contract Idm-E448 (Lead-Zinc) Utze Lode Company, Madonna Mine, Chaffee County, Colorado. Operator's Monthly Progress Report for the period January, 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 - February 3, 1953.
Date Received in Field Office - February 6, 1953.
Date Received in Region Office - February 16, 1953.
Date Processed for Payment - February 17, 1953.

W. H. King
W. H. King

RDBerk:cwm

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

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

224 New Customhouse
Denver 2, Colorado

February 17, 1953.

Memorandum

To : T. A. Christenson

From : Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2230, Contract Idm-1148 (Lead-Zinc) Utse Lode Company, Madonna Mine, Chaffee County, Colorado. Operator's Monthly Progress Report for the period January, 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 - February 3, 1953.
Date Received in Field Office - February 6, 1953.
Date Received in Region Office - February 16, 1953.
Date Processed for Payment - February 17, 1953.

W. H. King
W. H. King

RDBerk:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 12, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2280, Contract Idm-E448 (lead-zinc), Utze Lode Company (Madonna mine), Chaffee County, Colorado - Progress report for January 1953

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and maps--and seven copies of Scott W. Hazen, Jr.'s memorandum verifying 106.3 feet of drifting and 502.5 feet of core drilling as underground progress as reported in the narrative and entered on the reporting forms. He approves payment under the terms of the short form contract.

The approved amount certified is $7,303.08, or 50 percent of the total $14,606.17 claimed by the contractor.

Scott W. Hazen Jr.
for W. M. Traver

enclosures

WMT/amh

cc: 4
E448
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 12, 1953

Memorandum

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

From: Scott W. Hazen, Jr.

Subject: DMEA 2280, Contract Idm-2448 (lead-zinc), Utze Lode Company (Madonna mine), Chaffee County, Colorado - Progress report for January 1953

A field inspection was made on February 9, 1953, and all contract progress was inspected. Drifting has been completed according to contract specifications, and measurements from the point of beginning of the contract verified the total drift length of 400 feet. Three diamond drill stations have been excavated and timbered as specified in the contract. Diamond drilling is progressing satisfactorily on a three-shift, seven-day-per-week basis. The company is furnishing a hoistman, pumpman, and compressor man for each shift. The core from each drill hole was examined and logs submitted by the company engineer verified.

Diamond drill hole 101	was completed at a depth of	103.5 feet
Diamond drill hole 102A	was drilled to a depth of	114.0 feet
Diamond drill hole 102B	was drilled to a depth of	143.0 feet
Diamond drill hole 103	was completed at a depth of	142.0 feet
January total drilled		502.5 feet

Drill hole 102A was stopped at 114.0 feet as it had penetrated the granite beyond the limestone-granite contact. Written approval was given to redrill the hole on a new bearing which was started as hole 102B. It was also stopped at 143.0 feet. Careful inspection of the core reveals the hole was following the limestone-granite contact and may have re-entered limestone if continued, but the hole was caving badly and had already been cased and reduced to AX size. The original objective for these holes has not been reached and is still considered a good exploration objective. The company expects to request another hole to reach the original target. Pyrite mineralization appeared to be increasing along the limestone-granite contact as the hole penetrated more to the east.

The drill core is properly boxed and stored at the mine. Recovery of core has been as good as can be expected. Almost all drilling has been BX size.

The drift has followed the strike of the limestone bedding from about 200 feet to 390 feet where the limestone beds turn sharply to the north. This is evidently the beginning of the upturn on the west limb of the syncline.

The company is rehabilitating the third and fourth winze levels. Some ore, mostly pyrite, was seen on the fourth level. A geiger counter registered a high background count on both levels. It occasionally reached midpoint on the dial when set on the middle scale. Probing around the fault and mineralization failed to show any significant increase in the count.

Although pyrite has been noted in several holes, no ore had been encountered by any of the drilling as of the date of the inspection but, on February 11, the company stated that hole 107 had penetrated 18 feet of mineralization in the limestone-granite contact.

Approval is recommended for one-half of the total costs reported for January, or one-half of $14,606.17, which equals $7,303.08.

Scott W. Hazen, Jr.

SWH/amh

cc: 6
E448
DMEA Chron.

104 (Rev.)
952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
FEB 2 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1953 Docket No. DMEA 2280 Contract No. Idm-E448
Operator's Name The Utze Lode Company Minerals Lead & Zinc
Address Box 500, Salida, Colorado
Contract Amount, $ 49,500.00 Government Participation: 50 % Amount, $ 24,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	6030.00	None	6030.00			
Bulldozing						
Crosscutting						
Drifting	6909.50	19,090.50	26,000.00			
Diamond Drill Stations	1666.67	833.33	2,500.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental	Contract given by price unit					
Purchase	per foot of drifting, price per					
Depreciation	foot for diamond drilling, and					
(5) Initial Rehabilitation and Repairs	price unit for each stations.					
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	14,606.17	19,923.83	34,530.00	14606.17	19923.83	34530.00

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

Date 2-3-53 *Payee The Utze Lode Company

Per Howard R Koch Title 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 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:

$ 7303.08

Signature [illegible]
(Authorized Certifying Officer)

Date 2/25/53 Voucher No. DMA 53-99

(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 448 in accordance with the terms of the contract.

Signature H. W. Hagen Jr. 7303.08 Title Mining Engr Date Feb 11, 1953

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

Signature W. H. King Title Executive Officer Date FEB 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 MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1953 Docket No. DMEA 2280 Contract No. Idm-E448

Operator's Name The Utze Lode Company Minerals Lead & Zinc

Address Box 500, Salida, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot	6909.50	106.3'	26,000.00	400'	$65.00	400'	$65 a foot
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	6030.00	502.5'	6,030.00	502.5'	$12.00	1750'	$12 a foot
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Stations	Two	1666.67	2	2,500.00	3	833.33	3	$833.33 unit
TOTAL DISTRIBUTED COSTS		14,606.17		34,530.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		14,606.17		34,530.00				

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 2-3-53 Operator The Utze Lode Company

Per Harold R. Fahlen Title Treasurer

REMARKS: Work done by contract as outlined above.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Diamond Drill Stations: Station 2
Footage: 1[illegible].2 feet or 2[illegible] X-cut (X-cut or [illegible])
Sections: 5[illegible].5 feet of Di[illegible] and Drilling.

In accordance with Report No. [illegible] the [illegible] Mine, [illegible], the following program work has been completed for the month of May, 1[illegible].

The [illegible] level cross-cut below has been completed. There was 1[illegible].2 feet of [illegible] to reach the objective of a total of 400 feet.

Diamond Drill stations numbers 2 and 3 were executed as shown on the [illegible] map.

Diamond Drill [illegible] commenced on 5 [illegible] May 21, 1[illegible]. Holes 101, 102, 10[illegible] and 103 were completed. The total footage for these holes was 5[illegible].5 feet.

[illegible] the end of the 400 level cross-cut, the limestone [illegible] completely [illegible]. This is [illegible] to be [illegible] of the [illegible] of another 3 [illegible] drill [illegible]. The limestone is not present and there [illegible]. Some [illegible] showing in this [illegible] [illegible] the [illegible] of the [illegible].

[illegible] drill hole 101 was drilled S 3[illegible] W at [illegible] to 60. This hole was [illegible] [illegible] at 1[illegible].5 feet. It is [illegible] that the [illegible] [illegible] 3[illegible] and 3[illegible] feet. At this depth, the granite was [illegible] [illegible] [illegible]. The hole was extended in order to complete it. The granite up to 1[illegible] [illegible] light color and from 85 to 103.5' changed to a light pink color. The total core recovered was 5[illegible] feet or equivalent to 7[illegible].

Diamond Drill hole 1022 was changed in direction as outlined by the Bureau of Mines. It was drilled N 65° E on a horizontal. The hole was drilled BX to 77'. Had to be cased because of broken up granite and limestone. The hole was completed with an AX bit. The total footage was 11[illegible]'. Limestone was intersected between 72 and 75 feet and showed some pyrite. Granite was intersected at 75' and again for a 6-inch strip of limestone at 79.5'. The balance was granite. Some granite [illegible] [illegible] shown in the core between 79 and 101'. The BX core recovery was 47.92' or 6[illegible]. The AX core recovery was 21.58 feet or 61.6%. The total hole recovery was 60.9%. The conclusion was that angle of hole was too close to granite-limestone contact.

Diamond Drill hole 1023 was drilled N 52° E on a plus 2[illegible]° angle. This hole was drilled BX to 84' and reduced to AX to complete the 143' hole. The hole was started in granite and first intersected limestone at 32'. From 32 to 115', the hole was in and out of granite and limestone. The following is my log of the hole:

0 to 32 granite (light color)
32 to 38 lime
38 to 49 granite
49 to 55 lime
55 to 61 granite
61 to 86 lime
86 to 86.5 pyrite (6" core)
87 to 91 lime
91 to 106 granite
106 to 107 pyrite (3" core)
107 to 115 lime
115 to 143 granite

The total BX and AX core recover was 77.77 feet or 53.7% for the hole.

[illegible] drill hole 10[illegible] was drilled at the No. 2 station on [illegible]. It was [illegible] on a plus 1[illegible] angle. The [illegible] was [illegible] [illegible] and first intersect the granite at 10'. It [illegible] [illegible] [illegible] intersected about 12[illegible] because of the slight change [illegible]

[illegible] log of the hole:

0 - 32 lime
32 - 50 mottled lime
50 - 72 mottled [illegible]
72 - 124 granite (light)
124 - 132 granite (slight to [illegible] color) at 13[illegible] small [illegible] of lime
132 - 143 granite (small [illegible] of lime)

The total hole recovery was 61.5%.

Respectfully submitted,

W. E. Pearson

[illegible] MOUNTAIN DIAMOND DRILLING COMPANY
W. L. Rogers
Daily Drill Report

Contract Uize Lode Company Date 1-20-53 Place Monarch, Colorado

Drill No. ____ Type LS-15 Prospect No. 101 Angle of Hole 60° S36W

Day Shift Y Evening Shift _____ Night Shift _____

Moving equipment to mine, making setup on 600' level.

1-21-53 Day Shift 8 - 4

From	To		
0'	6'	6' of NX Granite	Drilling to 6' NX to accommodate 5' 2½" pipe and tee for return sludge. Core Recovered - 24'
6'	27'	21' of BX Granite	
			1-21-53 Evening Shift 4 - 12
27'	37'	10' of BX Granite	Core Recovered - 9'
			1-22-53 Day Shift 8 - 4
37'	61'	24' of BX Granite	Core Recovered - 23' 6"
			1-22-53 Evening Shift 4-12
61'	74'	13' of BX Granite	Core Recovered - 13' Formation broken & blocking in bit
			1-22-53 Night Shift 12-8
74'	85'	11' of BX Granite	Core Recovered - 4' 6" Cave in hole
			1-23-53 Day Shift 8 - 4
			* Washing out cave into powder box from 82' to 85'. Cementing 8 hours. 3 hours cementing cave in hole waiting on same to set.
			1-23-53 Evening Shift 4 - 12
85'	85'	0' of BX	4 hrs. drilling 13' cement. Testing cement, same soft 20' in hole, drilling out 4 hrs.
			1-23-53 Night Shift 12 - 8
73'	85'	7' Cement (Drilling)	Core Recovered - 4'
85'	90'	5' BX Granite - change in type of Granite	
			1-24-53 Day Shift 8 - 4
90'	103'6"	13'6" BX Granite	Core Recovered - 11' Hole Complete 103'6"

*Owing to the change in the granite and the cave condition, it is believed that the Madonna fault was intersected between 82' and 84'.

ROCKY MOUNTAIN DIAMOND DRILLING COMPANY
W. A. Rogers
Daily Drill Report

Contract Utah Lode Company Date 1-24-53 Place Monarch, Colo. Drill No. _____

Type HS-15 Prospect No. 102A Angle of Hole [illegible] Day Shift _____

Evening Shift _____ Night Shift _____

From	To		
			1-24-53 Day Shift 8 - 4
0'	8'	8' NX Granite	Core Recovered - 5' 6"
			1-24-53 Evening Shift 4-12
8'	27'	19' BX Granite	Core Recovered - 17'
			1-24-53 Night Shift 12 - 8
27'	36'	9' BX Granite	Core Recovered - 8' 8"
			1-25-53 Day Shift 8 - 4
36'	61'	25' BX Broken Granite	Granite with gouge seams, same not caving. Core Recovered - 19'
			1-25-53 Evening Shift 4 - 12
61'	75'	14' BX Granite	Hole Caving
72'	75'	3' BX Limestone	Core Recovered - 13'
			1-25-53 Night Shift 12 - 8
75'	79'	4' BX Granite	Hole Caving Badly. Core Recovered - 2' 6"
			1-26-53 Day Shift 8 - 4
79'	101'	22' AX Granite	Mineralized Granite Core Recovered - 20'
			1-26-53 Evening Shift 4 - 12
101'	114'	13' AX Hole 102A	13' AX Hole - 8.5 core Core Recovered - 11' Hole Completed 114' AX

ROCKY MOUNTAIN DIAMOND DRILLING CO.
W. A. Rogers
Daily Drill Report

Contract Nine Lode Company Date 1-26-53 Place Monarch, Colorado

Drill No. _____ Type WS-15 Prospect No. 102-B Angle of Hole 2.5°

Day Shift _____ Evening Shift 4-12 Night Shift _____

From	To		
0'	3'	3' NX Granite	Starting new hole. Core Recovered - 0
			1-26-53 Night Shift 12 - 8
3'	24'	21' Granite	1 Hr. getting 2½" pipe to bottom of hole
0'	7'10"	7'10" NX Granite	Core Recovered - 19'
			1-27-53 Day Shift 8 - 4
24'	47'	23' BX Granite & Limestone	Encountered limestone at 32'.
32'	47'	15' BX Limestone	Core Recovered - 20'
			1-27-53 Evening Shift 4 - 12
47'	70'	23' BX Granite	Core Recovered - 15'
			1-27-53 Night Shift 12 - 8
70'	83'	13' BX Broken Limestone	Formation broken up causing short runs.
			1-28-53 Day Shift 8 - 4
83'	84'	1' BX Limestone	
84'	103'	19' AX Limestone and Granite	Granite at 91', Iron at 86'-91', also at 106' Core Recovered - 75%
			1-28-53 Evening Shift 4 - 12
103'	125'	22' AX Granite	Core Recovered - 15'2"
			1-28-53 Night Shift 12 - 8
125'	143'	18' AX Granite	Hole Completed at 143' AX Core Recovered - 8'

Rocky Mountain Diamond Drilling Co.
W. A. Rogers
Daily Drill Report

Contract Wise Lode Company Date 1-29-53 Place Monarch, Colorado

Drill No. _____ Type EE-15 Prospect No. 103 Angle of Hole 4°S-17-W

Day Shift 8 - 4 Evening Shift _____ Night Shift _____

From	To			
0'	8'	8'	NX Limestone	Left 80' AX casing in prospect #102B. Will back off, casing tight from cave & Iron. Core Recovered - 8'
				1-29-53 Evening Shift 4 - 12
8'	33'	25'	BX ~~Gxxxxxte~~ Lime with Iron pyrite showing in core	Core Recovered - 17'
				1-29-53 Night Shift 12 - 8
33'	63'	30'	BX Broken Limestone	Core Recovered - 27'
				1-30-53 Day Shift 8 - 4
63'	87'	24'	BX Granite	Core Recovered - 20'
63'	68'	5'	Showing brownish-color lime & very soft, making cave, however, washing clean	Water encountered near contact of lime and granite 68' to 73'
				1-30-53 Evening Shift 4 - 8
87'	110'	23'	BX Granite	Cave in Hole Core Recovered - 14'
				1-30-53 Evening Shift & 4-12
110'	132'	22'	BX Granite with iron material showing in core	Core Recovered - 20' Hole caving showing limestone cave
				1-31-53 Day Shift 8 - 4
132'	142'	10'	BX Granite with small amount of iron	Hole Completed. Pull AX Casing from 102B. Not enough room to set up on prospect 105. Setting up on -65.

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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

January 23, 1953

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2280, Contract Idm-E448, Utze Lode Company (Madonna Mine) Chaffee County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the month of December, 1952, pertaining to DMEA Docket 2280, Contract Idm-E448, Utze Lode Company.

W. H. King
W. H. King

Enclosures

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

New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

January 15, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 2280, Contract Idm-2448 (Lead-Zinc) Utne Lode Company (Madonna Mine) Chaffee County, Colorado - 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 6, 1953
Date Received in Field Office - January 7, 1953
Date Received in Region Office - January 12, 1953
Date Processed for Payment - January 15, 1953

W. H. King
W. H. King

Enclosures

RDB:oc

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

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 8, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMEA 2280, Contract Idm-E448 (Lead-zinc), Utse Lode Company (Madonna mine), Chaffee County, Colorado - Progress report for December 1952

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and maps--and seven copies of Scott W. Hazen, Jr.'s memorandum verifying the footage reported in the narrative and approving payment under the short form contract.

Approval is for payment of $6,858.16, or 50 percent of the total $13,716.33 claimed by the contractor.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/cb

cc 4
E448
DMEA Chron

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 8, 1953

Memorandum

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

From: Scott W. Hasen, Jr.

Subject: DMEA 2280, Contract Idm-E448 (Lead-zinc), Utse Lode Company (Madonna mine), Chaffee County, Colorado - Progress report for December 1952

An examination of the subject contract progress was made on January 5, 1953. Measurement of the sixth winze level drift showed it had been advanced 316.5 feet as of January 5. Diamond drill station No. 1 had been cut and timbered. It is of sufficient size to accommodate drilling and the required 10-foot pulls.

The company started a crosscut to the southwest at 218 feet from the sixth winze level station. This was done on company account and not charged to DMEA. It is to be driven to the ore found by Bureau of Mines drilling. The sixth winze level drift encountered a water course at about 250 feet. There is a heavy flow of water coming from the back of the drift. This has drained the water flow on the fourth winze level and from diamond drill holes M-2 and M-6 on the fourth winze level. Company drifting on the fifth winze level cut USBM drill hole M-7 and picked up the fault east of the shaft. The drift is being continued N. 35° E. along the fault. A little good ore was found at the point where the fault intersected the basement granite.

The contract work has been performed as required and measurements verify the amount claimed on the MF-104 and work reported in the narrative. The contractor and operator both stated that all bills were paid. Payment is recommended for $6,858.16, which is 50 percent of the $13,716.33 claimed.

Scott W. Hasen, Jr.
Mining Engineer

SWH/cb

cc: 6, E448, DMEA Chron.

Title: Monthly Report of Exploration Progress

Place: Madonna Mine, near Monarch, Colorado

Date: January 6, 1953

Owner: Utze Lode Company, Salida, Colorado

Contractor: Utze Lode Company, Salida, Colorado

Footage: 198.2 Feet

In accordance with Docket D. M. E. A. Number 2280, Utze Lode Company, Salida, Colorado, at the Madonna Mine, near Monarch, Colorado, the progress work for the month of December, 1952, was 198.2 feet.

The total exploration work accomplished on the 600 level cross-cut below was 293.7 feet. However, 95.5 feet of this work was reported for the month of November.

The 600 level cross-cut below was advanced about 142 feet and at this location a 14-foot long by 11-foot wide by 10-foot high diamond drill station was excavated.

At approximately 180 feet the cross-cut intersected the limestone contact. This contact strikes about S 43° W and dips about 20° N. W.

About 218.5 feet within the cross-cut a smaller size cross-cut was advanced 14 feet to the Southwest. This cross-cut is not computed in the exploration work. This was done by the Utze Lode Company.

All work is progressing satisfactorily.

Respectfully submitted,

W. E. Burleson

W. E. Burleson

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December 195 2 Docket No. DMEA 2280 Contract No. IDM 6440
Operator's Name The Utze Lode Company Minerals Lead & Zinc
Address Box 500, Salida, Colorado
Contract Amount, $ 49,500.00 Government Participation: 50 % Amount, $ 24,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	None	None	None			
Bulldozing						
Crosscutting						
Drifting	12,833.00	6207.50	19,090.50			
Diamond Drill stations	833.33	None	833.33			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental	Contract given by price unit per foot of drifting, price per foot for diamond drilling, and price unit for each station.					
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	13,716.33	6207.50	19,923.83	13716.33	6,207.50	19,923.83

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

Date 1-6-53 *Payee The Utze Lode Company

Per Harold R Kates Title 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 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:

$ 6858.17

Signature [illegible]
(Authorized Certifying Officer)

Date 1/22/53 Vou. No. DMA 53-86

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 448 in accordance with the terms of the contract.

Signature Charles Hazen Jr. 6858 16 WMT Title Mining Engineer Date Jan 8 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.A.B. 8

Signature W. H. King Title Executive Officer Date JAN 15 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
FEB 2 1953

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

Month of December 195 2 Docket No. DMEA 2230 Contract No. IDH 2443
Operator's Name The Utzo Lode Company Minerals Lead & Zinc
Address Box 500, Salida, Colorado

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Foot	12,333.00	193.2	19,090.50	~~193.2~~ 293.7	65.00	400'	$65 a foot
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	None	None	None	None	None	1750'	$12 per ft
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Stations	One	833.33	1	833.33	1	833.33	1	833.33 unit
Total Distributed Costs		13,716.33	193.2	19,923.33				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		~~13,716.33~~	~~193.2~~	~~19,923.33~~				

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: Work done by contract as outlined above.

Date 1-6-53 Operator The Utzo Lode Company

Per Harold R. Kates Title Treasurer

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

Note: 1/29/53

There is nothing in the file that explains the high cement costs - $65.00/ft for Drilling and $12.00/ft for D. Drilling and there is nothing to do about it at this stage

#35

F - 7/8

Ax - 1 1/4

Bx - 1 5/8

Nx - 2 7/8

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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

January 20, 1953

[redacted]
Keating
Betty

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 2280, Contract Idm-E448 (Lead-Zinc) Utze Lode Company (Madonna Mine), Chaffee County, Colorado

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of November, 1952, pertaining to DMEA Docket 2280, Contract Idm-E448, Utze Lode Company.

W. H. King
W. H. King

Enclosures

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 3 1953

224 New Customhouse
Denver 2, Colorado

January 8, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2280, Contract Idm-E448 (Lead-Zinc), Utse Lode Company (Madonna Mine), Chaffee County, Colorado - Operator's Monthly Progress Report for the period November 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	Dec. 2, 1952
Date Received in Colo. Br. Office	Dec. 3, 1952
Date Received in Reg. IV Office	Dec. 30, 1952
Date Processed for Payment	Jan. 8, 1953

W. H. King
W. H. King

Enclosures

RDB:jp
cc Sec. to Oper. Committee (2)
WMTraver
Contract
Chron

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20
Denver Federal Center
Denver 14, Colorado
December 24, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

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

Subject: DMMA 2280, Contract Idm-R448 (Lead-zinc), Utze Lode Company (Madonna mine), Chaffee County, Colorado - Progress report for November 1952

Please find enclosed the subject progress report, the initial one submitted by the contractor--forms MF-104 and MF-104A, with narrative and maps--and seven copies of M. H. Salsbury's memorandum verifying the footage claimed under the short form contract.

Payment of $3,103.75, or 50 percent of the total $6,207.50 claimed by the contractor, is approved.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/amh

cc: 4
AHKoschmann
R448
DMMA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado
December 24, 1952

Memorandum

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

From: M. H. Salsbury

Subject: DMEA 2280, Contract Idm-2448 (Lead-zinc), Utze Lode Company (Madonna mine), Chaffee County, Colorado - Progress report for November 1952.

The subject underground progress was inspected December 16, 1952, in company with Walter E. Burleson, engineer for the Utze Lode Company.

On that date, the face of the 590-foot level crosscut was 205 feet from the zero point set by Scott W. Hazen, Jr. The granite limestone contact striking about S. 43° W. and dipping 20° to the northwest was cut at 179 feet from the zero point.

Underground progress of 95.5 feet as reported in the contractor's November narrative is correct.

The cumulative and monthly unit totals and costs, as entered on forms MF-104 and MF-104A for November, are correct.

Payment of the amount owing the subcontractor, Gene Bishopp, for November is supported by the latter's affidavit and one from the Utze Lode Company.

Payment of $3,103.75, or 50 percent of the $6,207.50 claimed by the Utze Lode Company for November, is approved.

Scott W. Hazen
for M. H. Salsbury
Mining Engineer

MHS/amh
cc: 6
AHKoschmann
2448
DMEA Chron.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 26 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

From 11-10 to 11-30 Inclusive

Month of ..... 195 ..... Docket No. DMEA 2200 ..... Contract No. DMX 440

Operator's Name The Utze Lode Company ..... Minerals Lead & Zinc

Address Box 500, Salida, Colorado

Contract Amount, $ 41,500.00 ..... Government Participation: 50 % ..... Amount, $ 24,750.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	None	None	None			
Bulldozing						
Crosscutting						
Drifting	$6207.50	None	$6207.50			
Diamond Drill Stations	None	None	None			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental	Contract given by price unit per foot of drifting, price perfoot for diamond drilling, and price unit for each station.					
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	$6207.50	None	$6207.50	6207.50	none	6207.50

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

Date 12-2-52 *Payee The Utze Lode Company

Per Harold R. Rote Title 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 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:

$ 3103.75

Signature [illegible]
(Authorized Certifying Officer)

Date 1/14/53 Vou. No. 53-81

(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. Ida E448 in accordance with the terms of the contract.

Signature M. H. Lakebrink 3103.75 WNT Title Mining Engineer Date Dec. 16, 1952

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

Signature W. H. King Title Executive Officer Date JAN 8 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 23 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

From 11-19 to 11-30 Inclusive

Month of November 1952 Docket No. DMEA 2280 Contract No. IDH X448

Operator's Name The Utze Lode Company Minerals Lead & Zinc

Address Box 500, Salida, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Foot	6207.50	95.5	6207.50	95.5	6207.50	400'	$65.00a foo
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	None	None	None	None	None	1750'	$12 per foot
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Stations	One	None	None	None	None	None	3	$333.33 unit
TOTAL DISTRIBUTED COSTS		6207.50	95.5	6207.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6207.50	95.5	6207.50				

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: Work done by contract as outlined above.

Date 12-2-52 Operator The Utze Lode Company

Per Howard R. Kotter Title Treasurer

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

Title: Monthly Report of Exploration Progress

Place: Madonna Mine, near Monarch, Colorado

Date: December 2, 1952

Owner: Utze Lode Company, Salida, Colorado

Contractor: Utze Lode Company, Salida, Colorado

Footage: 95.5 Feet

In accordance with Docket D.M.E.A. Number 2280, Utze Lode Company, Salida, Colorado, progress work was commenced at the Madonna Mine, near Monarch, Colorado, on November 19, 1952. This exploration work consists of advancing a cross cut off the main interior shaft on the 600 level station below.

The bearing of this cross-cut drift is N 60° W. This bearing was established by use of a Brunton Compass. However, within the next week a transit survey will determine the true bearing.

As of 8:00 A. M. on December 1, 1952, 95.5 Feet of exploration work had been accomplished. The cross-cut drift is 5 Feet by 7 Feet clearance. The country rock is granite.

For the last 20 Feet of this exploration work, small seams of pyrite have been in evidence. These seams are approximately paralleling the cross-cut.

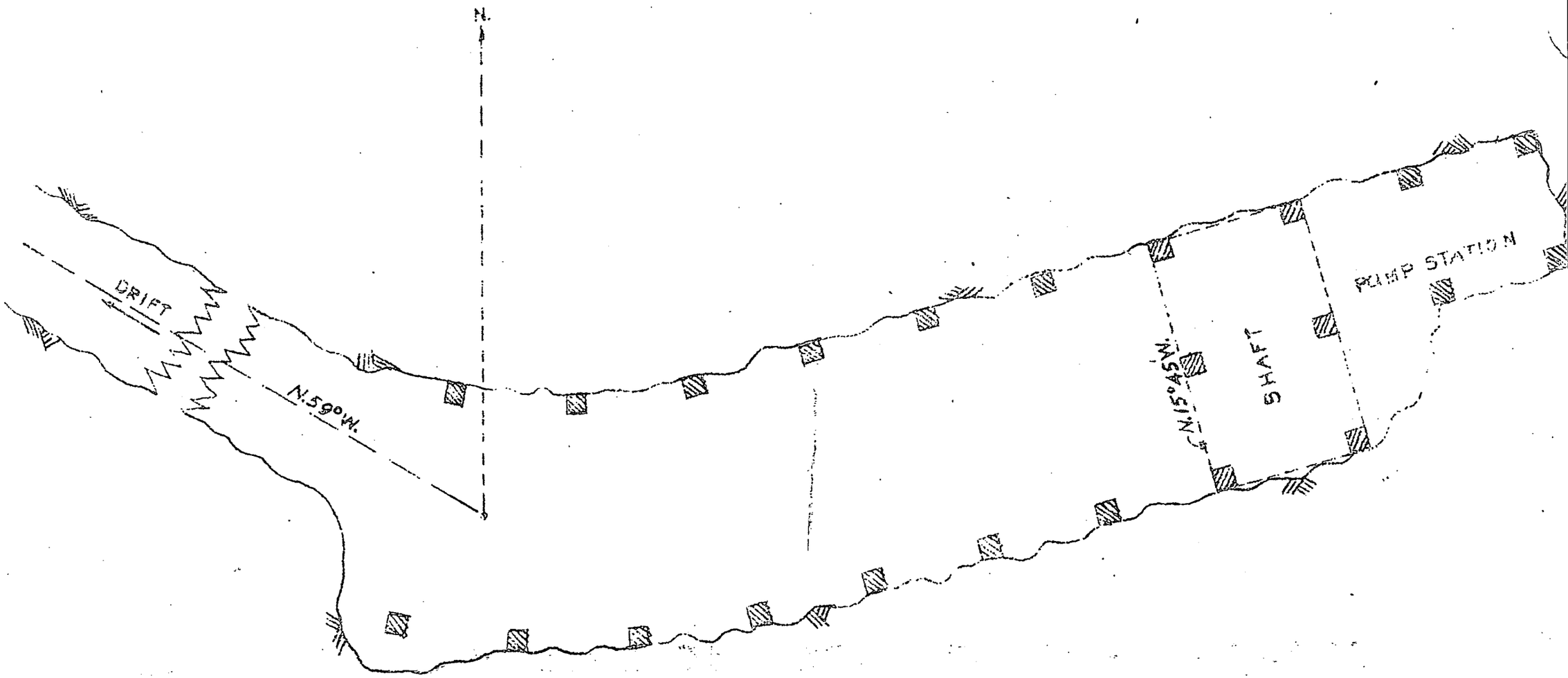
Respectfully submitted,

W. E. Burleson

W. E. Burleson

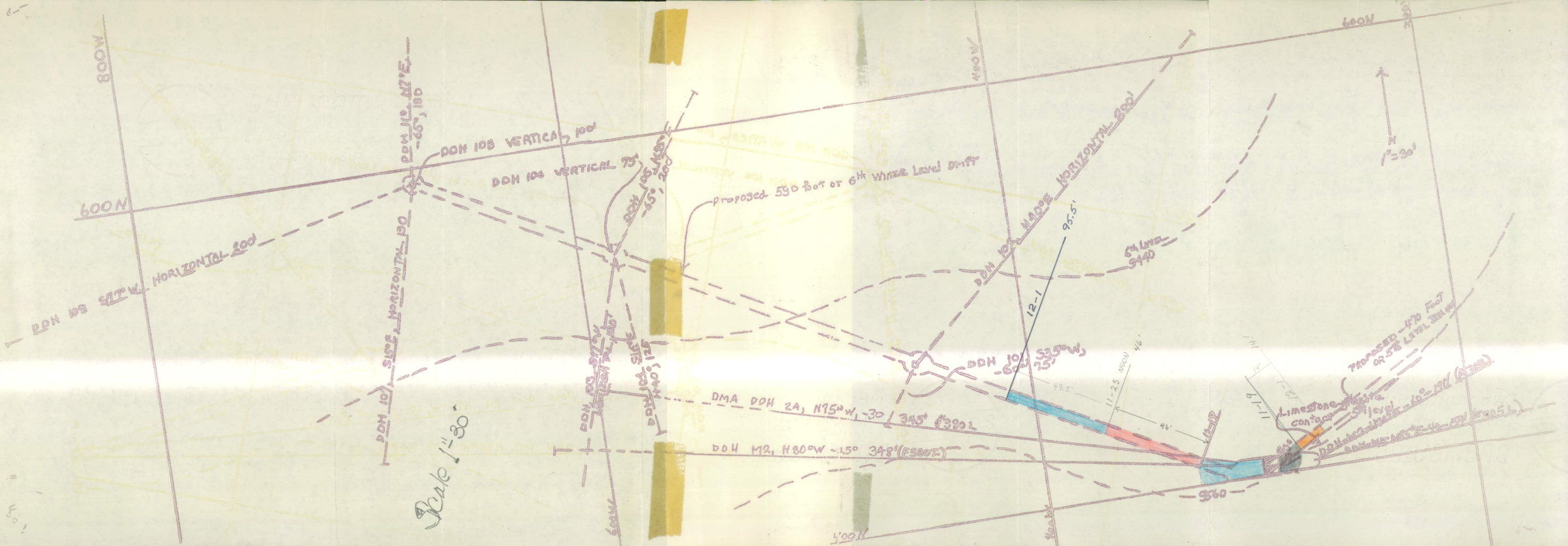
SKETCH SHOWING
SHAFT AND DRIFT
600 FOOT LEVEL BELOW
SCALE-1" = 5 FT.
DEC. 1992

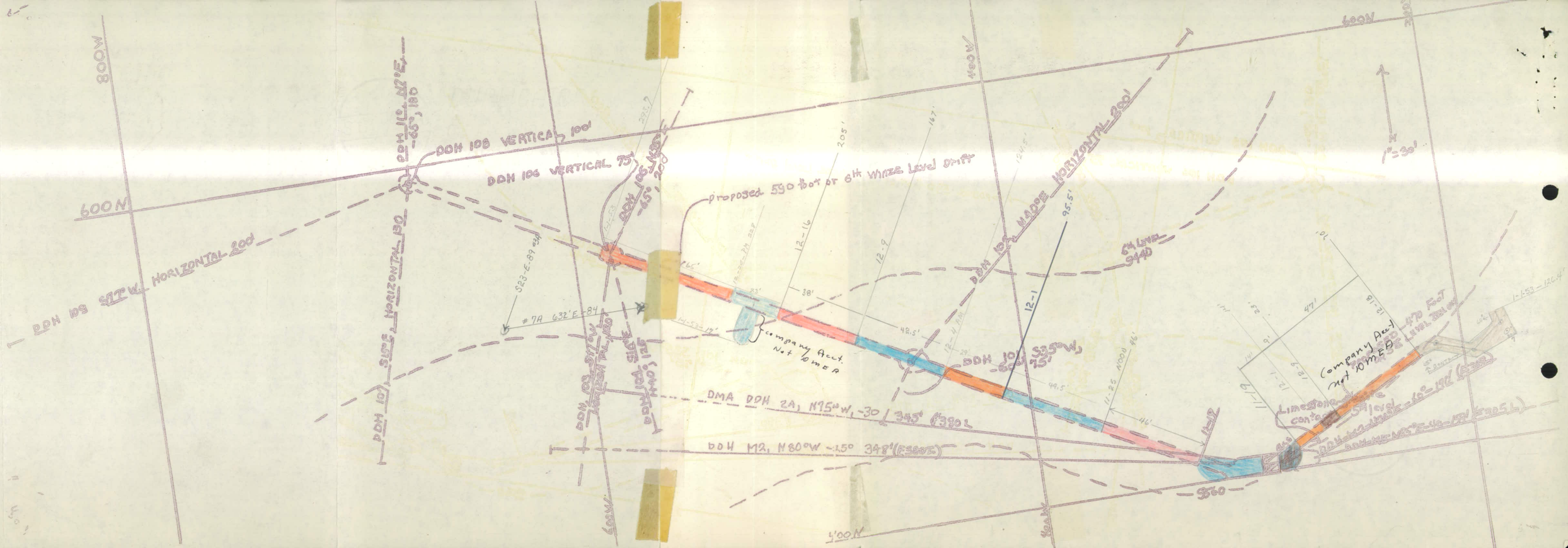
-LEGEND-
TIMBER SETS

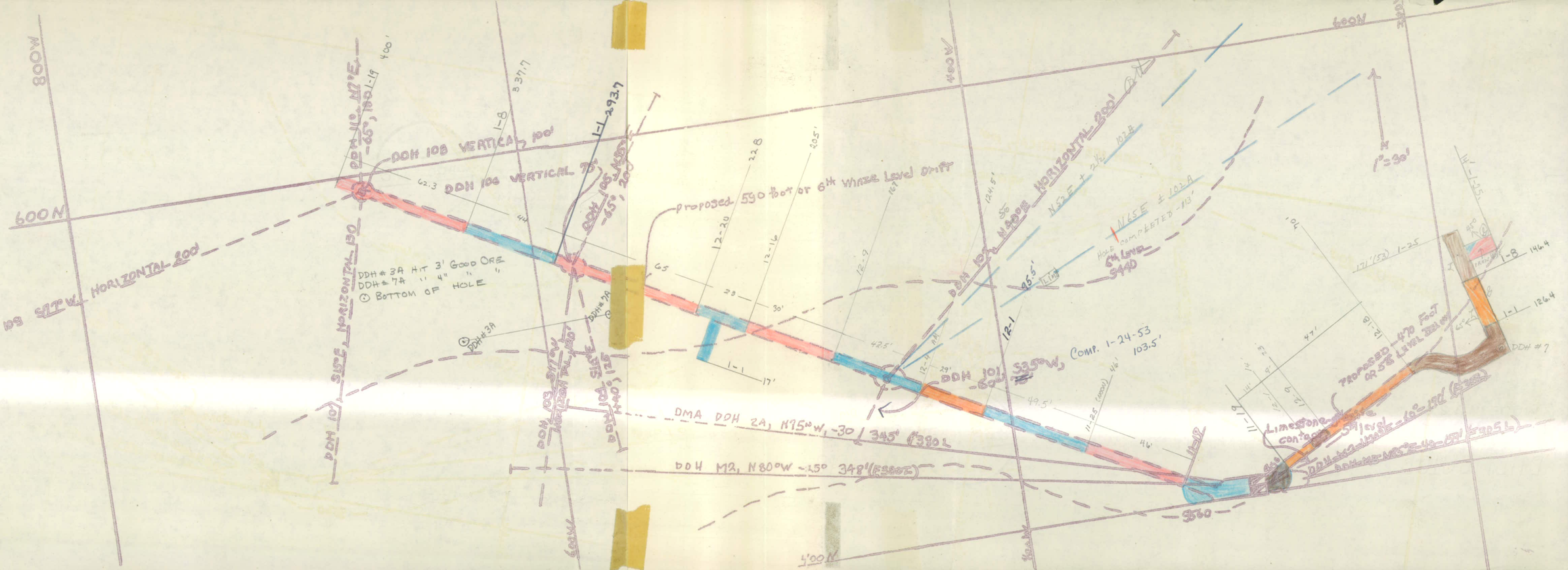


UTZE LODE CO.
MADONNA MINE

O.R.Smith, Reg. Engr.


800W
600N
DDH 108 VERTICAL 100'
DDH 108 VERTICAL 75'
DDH 110 N7°E -65°, 180
DDH 105 N35° -65°, 200
proposed 590 foot or 6th Winze Level Drift
DDH 109 S17°W HORIZONTAL 200'
DDH 107 S15°E HORIZONTAL 130
DDH 109 S17°W HORIZONTAL 180'
DDH 108 N40°E HORIZONTAL 200'
6th Level 9440
95.5'
12-1
DDH 107 S35°W, -60°, 75'
DMA DDH 2A, N75°W, -30 / 345' (380L)
DDH M2, N80°W -15° 348' (ESSOL)
Limestone contact
PROPOSED 470 FOOT OR 5th LEVEL DRIFT
9560
400N
600W
400W
1" = 30'
Scale 1" = 30'


800W
600N
DDH 108 VERTICAL 100'
DDH 106 VERTICAL 75'
DDH 110, N7°E, -65°, 180
DDH 109, N65°E, -65°, 200
proposed 590 bot or 6th Winze Level Drift
DDH 109 SATW HORIZONTAL 200'
DDH 107 SIDE HORIZONTAL 130'
DDH 108 NADOE HORIZONTAL 200'
6th LEVEL 9440
company Acct. Not OMEA
DDH 107, S35°W, -60°, 75'
DMA DDH 2A, N75°W, -30, 345' (F3901)
DDH M2, N80°W -15° 348' (F3801)
Company Acct Not OMEA
Limestone contact
1" = 30'
5'00 N
9560


800W
600W
400W
600 N
400 N
DDH 108 VERTICAL 100'
DDH 104 VERTICAL 70'
DDH 105 -65°, 200'
DDH 109 SLTW, HORIZONTAL 200'
DDH 110 SLOPE HORIZONTAL 130'
DDH 103 SLTW HORIZONTAL 100'
DDH 102 SLOPE 175'
DDH #3A HIT 3' GOOD ORE
DDH #7A " 4" " "
BOTTOM OF HOLE
proposed 590 foot or 6th Whaze Level Drift
DDH 107 N40°E HORIZONTAL 200'
N52°E + 2½
HOLE COMPLETED -113'
64 Level
5440
DDH 101 S35°W, Comp. 1-24-53
-60°
103.5'
DMA DDH 2A, N75°W, -30 / 345' (5380L)
DDH M2, N80°W -15° 348' (5380L)
proposed 470 foot or 5th Level drift
Limestone contact
DDH #7
1-8
1-1
5560
1"=30'