UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 500

August 5, 1958

MEMORANDUM

To: Mr. Wingfield E. Chamberlain
Division of Operation Control & Statistics

From: Director, Division of Base Metals

Subject: Semi-Annual Reports of Certified projects for the period January 1, 1958 thru June 30, 1958.

The following projects were inactive during the cited period.

Docket No.	Contract No.	Name
DMEA-66X	Idm-2204	Ely Valley Mines Company
DMEA-420X	Idm-410	Bristol Silver Mines Co.
DMEA-1946	Idm-5307	United Minerals Corporation
DMEA-1949	Idm-5322	United Minerals Corporation
DMEA-2257	Idm-2442	Walker Corporation
DMEA-2441	Idm-2424	L. D. Foreman, Mary A. Foreman, & Ida L. Cannon
DMEA-2482	Idm-2409	Raymond Combined Mines Co.
DMEA-3428	Idm-2774	Mt. Wheeler Mines, Inc.

W. R. Griswold

WRG/dl 8-5-58
cc to: Dockets (8)
Admr. R. File
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

March 8, 1958

Memorandum

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

From: Director, Division of Base Metals

Subject: Report on Semiannual 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-66	Idm-404	Ely Valley Mines Company
DMEA-110	Idm-22	Callahan Zinc Lead Company, Inc.
DMEA-270	Idm-2261	Montana Mining Mining & Development Co.
DMEA-371	Idm-567	Peru Mining Company
DMEA-420X	Idm-210	Bristol Silver Mines Company
DMEA-487	Idm-226	Silver Bay Mines, Inc.
DMEA-606	Idm-229	U. S. Metals Corporation
DMEA-1203	Idm-514	Piquette Mining and Milling Company
DMEA-1219	Idm-5187	The Uliden Company
DMEA-1243	Idm-286	Bachelor Development Company
DMEA-1303	Idm-5371	Rare Metals, Inc.
DMEA-1315	Idm-5178	J. A. and Lulu Miller
DMEA-1325	Idm-5237	U. S. Smelting, Refining & Mining Co.
DMEA-1525	Idm-284	Moreno Uranium Corporation
DMEA-1560	Idm-242	Dodgeville Mining Company
DMEA-1561	Idm-5167	Dodgeville Mining Company
DMEA-1801	Idm-5315	Reed and Reed
DMEA-1870	Idm-5309	U. S. Metals Corporation
DMEA-1948	Idm-5307	United Minerals Corporation
DMEA-1949	Idm-5322	United Minerals Corporation

W. R. Griswold

8623

REQUEST FOR INFORMATION
FROM OPERATOR ON CERTIFIED PROJECT
AND PROJECT UNDER ROYALTY AGREEMENT

Received
220

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

From: Field Officer, OME
Custom Building, 555 Battery Street
San Francisco 11, California

Concerning:
Docket No. DMEA-1949, Idm-E-322
Property United Minerals Corporation
Lucky Strike Mine
Location Lander County, Nevada

Date: September 19, 1960

FEB 17 1961
O.M.E.

George W. Snyder
George W. Snyder, Jr.
518 Felt Building
Salt Lake City, Utah

With the certification of the exploration project identified above, you were asked to inform our office about changes in the status of the property and production from it.

To assist you to furnish this information and to assure the accuracy of our records, we ask that you answer the questions below and return one copy to this office with copies of any pertinent documents.

GLENN G. GENTRY Field Officer, Region II

1. Since 1959, has there been a change in ownership, lease, or sublease about which the OME has not been notified? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents. Unknown--Lease terminated some time ago Yes ☐ No ☐

Surrounding ground held by asses. work. No production, No stockpiling.

2. Since 1959, has there been any production from the property?* Yes ☐ No ☐

A. If so and it was shipped, give name and address of purchaser?

Quantity Value

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity	Estimated Grade	Location
Ore	Tons		
Concentrates	Tons		
Other	Tons		

Submitted by:

Name George W. Snyder Jr.

Address Felt Bldg., Salt Lake City, Utah

Title Individual

Date 9/22/60

MME Form 63 8-60 * Property means land subject to the contract.

79340-60

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/57-12/31/57 Date of Examination 12/31/57

Operator United Minerals Corporation

Mine Name Lucky Strike Mine

County and State Lander County, Nevada

Docket Number and Commodity DMEA-1949 (Lead-Zinc)

Contract Number Idm-E 322

DMEA
RECEIVED FEB 3 1958

DATE	INITIALS	CODE
2/4	C	220
2/6	WRB	500

Date of Contract

Date of Certification

Expiration Date of Royalty Payments

NO CHANGE

Total Amount of Contract

Total Expenditures under Contract

Amount of Government Participation at %

Royalty Payments this Period

Previous Royalty Payments

Total Royalty Payments to Date

Percent Government Participation Repaid

NO CHANGE

Royalty Due on Production to Date

Royalty Remarks:

ACTION ON INTERIM
FINAL FIFTH TERM REPORT

Date 2/4

Referred to:

1. ~~Mr. Mitchell~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files
5. Division
6. Docket Control Mails and Files

4500

Note comments in report regarding:

1.

2.

3.

4.

and take appropriate action.

- - - - - - - - -

Action taken by Division:

Robert E. Adams

DMEA-1949 Idm-E 322

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines ☐ Survey ☐ Joint ☐		
Revised Estimate of DMEA Reserves (Field Team) Mines ☐ Survey ☐ Joint ☐		
Increase of Reserves by work performed subsequent to DMEA project work		
Production DMEA ore (This Period)		
(Previous)		
(To date)		
Operator's ore found subsequent to DMEA work (This period)		
(Previous)		
(To date)		

NO CHANGE

NO CHANGE

Percent Revised Reserves mined _____

Investment Data

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

NO CHANGE

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

NO CHANGE

Signed: _____ (Engineer)
For: Henry W. Jones

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/57 - 6/30/57 Date of Examination 6/30/57

Operator United Minerals Corporation

Mine Name Lucky Strike Mine

County and State Lander County, Nevada

Docket Number and Commodity DMEA-1949 (Lead-Zinc)

Contract Number Idm-E 322

Date of Contract 5/23/52

Date of Certification Pseudo certification 5/4/55.

Expiration Date of Royalty Payments 5/23/63

Total Amount of Contract $27,794.00

Total Expenditures under Contract $18,862.72*

Amount of Government Participation at 50% $9,431.36*

Royalty Payments this Period -0-

Previous Royalty Payments -0-

Total Royalty Payments to Date -0-

Percent Government Participation Repaid -0-

Royalty Due on Production to Date -0-

Royalty Remarks: No royalties due.

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE
8/5	[illegible]	100

ACTION ON INVITATION
TO BIDDER WITH REPORT

Date 8/7

Referred to:

1. ~~Mr. McCandlish~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files
5. Division
6. Docket Control Mails and Files

Note comments in report regarding:

1.

2.

3.

4.

and take appropriate action.

- - - - - - - - -

Action taken by Division:

Robert P. Adams

Lucky Strike Mine DMEA-1949 Idm-E 322

						Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report)	Mines [ ]	Survey [ ]	Joint [X]			1,000	0.02 oz. Au. 7.1 oz. Ag. 5.9% Pb. 11.5% Zn.
Revised Estimate of DMEA Reserves (Field Team)	Mines [ ]	Survey [ ]	Joint [ ]			No change	
Increase of Reserves by work performed subsequent to DMEA project work						None	
Production DMEA ore				(This period)		None	
				(Previous)		None	
				(To date)		None	
Operator's ore found subsequent to DMEA work				(This period)		None	
				(Previous)		None	
				(To date)		None	

Percent Revised Reserves mined -0-

Investment Data

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

Inactive. No further work performed after termination of DMEA contract. All mine equipment, machinery, and housing facilities removed.

* Corrected from report, 12/31/56.

Signed Henry W. Jones (Engineer)
Henry W. Jones

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/56 - 12/31/56 Date of Examination 12/31/56

Operator United Minerals Corporation

Mine Name Lucky Strike Mine

County and State Lander County, Nevada

Docket Number and Commodity DMEA-1949 (Lead-zinc)

Contract Number Idm-E322

RECEIVED JAN 28 1957 D.M.E.A.

Date of Contract 5/23/52

Date of Certification Not certified, but termination agreement of 5/4/55 provides for royalty payments on all ores that may be produced.

Expiration Date of Royalty Payments 5/23/63

Total Amount of Contract $27,794.00

Total Expenditures under Contract $19,827.51

Amount of Government Participation at 50 % $9,913.75 9,431.36

Allen

Royalty Payments this Period -0-

Previous Royalty Payments -0-

Total Royalty Payments to Date -0-

Percent Government Participation Repaid -0-

Royalty Due on Production to Date -0-

Royalty Remarks: No royalties due.

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT
Date 2 JAN 1957

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~Base Metals~~ Divisi
6. Docket Control Mails and Files

Note comments in report regarding:

1. NSV Ck. b/fwd
2. Roy. agreement.
3. Erroneous amount of Govt. part.
4. Ally

and take appropriate action.

- - - - - - - -

Action taken by Division:

write field to correct their figures

Robert E. Adams

DMEA-1949 Lucky Strike - Contract No. Idm-E322

	T[illegible]	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines /____/ Survey /____/ Joint / X /	1,000	0.02 oz. Au, 7.1 oz. Ag 5.9% Pb, 11.5% Zn
Revised Estimate of DMEA Reserves (Field Team) Mines /____/ Survey /____/ Joint /____/	1,000	
Increase of Reserves by work performed subsequent to DMEA project work	None	
Production DMEA ore (This period)	None	
(Previous)		
(To date)		
Operator's ore found subsequent to DMEA work (This period)		
(Previous)		
(To date)		

Percent Revised Reserves mined -0-

Investment Data

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

Inactive. No further work performed after termination of DMEA contract.

Signed Henry W. Jones (Engineer)
Henry W. Jones

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/56 - 6/30/56 Date of Examination 6/30/56

Operator United Minerals Corporation

Mine Name Lucky Strike Mine

County and State Lander County, Nevada

Docket Number and Commodity DMEA-1949 (Lead-zinc)

Contract Number Idm-E322

Date of Contract 5/23/52

Date of Certification Not certified, but termination agreement of 5/4/55 provides for royalty payments when and if discovery of ore is made.

Expiration Date of Royalty Payments 5/23/63

Total Amount of Contract $27,794.00

Total Expenditures under Contract $19,827.51

Amount of Government Participation at 50 % $9,913.75 - 9,431.46 CORR

Royalty Payments this Period -0-

Previous Royalty Payments -0-

Total Royalty Payments to Date -0-

Percent Government Participation Repaid -0-

RECEIVED JUL 26 1956

Royalty Due on Production to Date -0-

Royalty Remarks: No royalties due.

Original Estimate of Reserves
DMEA Final Report

	Tons	Grade
Measured:	200)	0.02 oz. Au; 7.1 oz. Ag 5.9% Pb; 11.5% Zn
Indicated:	300)	
Inferred:	500)	

Increase (or Decrease) of Reserves
Work performed subsequent to original and last Field Team estimate:

	Tons	Grade
Measured:		
Indicated:	No change	
Inferred:		

Revised Estimate of Reserves	No change
Production this Period	-0-
Amount of Previous Production	-0-
Total DMEA Production to Date	-0-

Production Remarks: No production.

Other Remarks: Inactive, since completion of DMEA project.

Signed Walter Bank
for Henry W. Jones

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

420 Custom House
555 Battery Street
San Francisco 11, Calif.

May 27, 1954

Insp. Rep.

Greenwell
Betty

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA
Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-1949 (Lead-Zinc)
Lucky Strike Mine
Lander County, Nevada
Contract Idm-E322

With reference to my memorandum of May 18, 1954, attached are two copies of an inspection report on the above-cited project by Henry W. Jones dated May 20, 1954.

Please advise how you wish us to proceed with this matter.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Roscoe Smith, USGS

MEMORANDUM **Date: May 20, 1954**

To: A. C. Johnson, Chief, Mining Division, Region III

From: Henry W. Jones, Mining Engineer, Bureau of Mines, Region III

Subject: DMEA-1949X (Lead-zinc)
Lucky Strike Mine, Lander County, Nevada
Contract Idm-E322

A visit was made to the subject property on May 13, 1954 to determine if any attempt had been made by the operator to reopen the mine as covered in amendment No. 4 to the contract. The amendment stipulates "that the operator resume work by May 15, 1954 and thereafter continuously prosecute the work to completion."

The visit determined that there had been no one at the property for the past several months or perhaps since the mine was shut down in December 1952. No attempt had been made at the time of visit to have the mine reopened by the required date.

Glenn Johnson, previously the mine superintendent, was interviewed at his home in Battle Mountain, on the status of the mine. He stated that he had not worked for the company since its closing in December 1, 1952. He, however, maintains contact with Mr. George W. Snyder, operator, and said he would telephone him to determine if and when the mine was to resume operations.

Henry W. Jones

Henry W. Jones
Mining Engineer

1949

March 8, 1953

Defense Minerals Administration
RECEIVED
MAR 20 1953

Mr. H. C. Miller, Executive Officer
Defense Minerals Exploration Administration
Region III - U.S. Department of the Interior
1012 Flood Building
820 Market Street
San Francisco, California

Re: (Lead-Zinc) Contract Idm-E-322
Lucky Strike Mine
PROGRESS REPORT - February, 1953

Dear Mr. Miller:

The following is a brief report of relative data regarding Exploration Contract No. Idm-E-322 and covers the period of February 1-28, 1953.

The subject property remained closed during the month of February. At the present time the company plans to reopen the property if the good weather continues sufficiently to make the roads passable to heavy equipment.

We hope this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III
Engineering Department

MCG/md

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

March 3, 1953

Dma-1949

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Operator's Monthly Progress Reports - Forms MF-104 & 104A

For your records, enclosed herewith are two copies of Progress Reports submitted by the United Minerals Corporation, covering Contracts Idm-E302 and E-322 for the months of December 1952 and January 1953.

/s/ H. C. Miller
Executive Officer, DMEA Field Team
Region III

C
O
P
Y

Crawford
Keating
Bell

February 14, 1953

Mr. H. C. Miller, Executive Officer
Defense Minerals Exploration Administration
Region III - U. S. Department of the Interior
1012 Flood Building
820 Market Street
San Francisco, California

Re: (Lead-Zinc) Contract Ida-E-322
Lucky Strike Mine
PROGRESS REPORT - January, 1953

Dear Mr. Miller:

The following brief report of relative data is herewith submitted regarding Exploration Contract No. Ida-E-322, and covers the period of January 1-31, 1953.

The subject property remained closed during the month of January. At the present time the company does not plan reopening the mine until they are assured of constant good weather.

We hope this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III - Engineering Dept.

MCG/md

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: January 20, 1953

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 1949X

Contract Idw-E 322

Commodity Lead-Zinc

Operator - George W. Snyder
Felt Building
Salt Lake City, Utah

Property - Lucky Strike Mine
Lander County, Nevada

By Henry W. Jones, Mining Engineer

Dated January 16, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 23 1953

H. C. Miller
H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

INTERIM REPORT

Docket No.: DMEA-1949X (lead-zinc) January 16, 1953

Name and address of operator: George W. Snyder
Felt Building
Salt Lake City, Utah

Name and location of property: Lucky Strike Mine
Lander County, Nev.

Contract No.: Idm-E322

This amazes me. Has Snyder kept us advised as to his intentions? M

SUMMARY, CONCLUSIONS, RECOMMENDATIONS

An attempt was made to visit the Lucky Strike lead-zinc mine, southwest of Battle Mountain, Nev., on Jan. 14, 1953, to check the monthly progress under the DMEA exploration contract. The road leading to the mine was closed by snow. The mine superintendent was then contacted and reported the mine had been shut down since Dec. 16, 1952. No further progress applicable to the DMEA contract was reported since the last visit.

STATEMENT OF WORK COMPLETED

An attempt was made to visit the Lucky Strike lead-zinc mine on Jan. 14, 1953, in order to ascertain the progress covered by terms of the DMEA exploration contract. The road was closed by snow. Glenn Johnson, the mine superintendent, was then contacted and reported the mine had been shut down and the pumps pulled on Dec. 16, 1952. No work applicable to the DMEA contract had been done since the previous visit on Dec. 1, 1952.

COMMENTS ON PROGRESS

No progress can be reported for the period.

Henry W. Jones
Henry W. Jones
Mining Engineer

January 14, 1953

Mr. H. C. Miller, Executive Officer
Defense Minerals Exploration Administration
Region III - U.S. Dept. of the Interior
1012 Flood Building
870 Market Street
San Francisco, California

Re: Contract Idm-E-322
Lucky Strike Mine,
Lander County, Nevada
PROGRESS REPORT - DECEMBER, 1952

Dear Mr. Miller:

The following brief report of relative data is herewith submitted regarding Exploration Contract No. Idm-E-322, and covers the period of December 1-31, 1952.

The subject property was closed during the month due to adverse weather conditions, thus no progress was made on the exploration program. While the weather was extremely mild, and no snow was laid down in the area during the month, thawing temperatures made the access road to the mine very wet and muddy. In an attempt to preserve the road base during this period and thus save further expensive repairs in the spring, the company deemed it advisable to keep all traffic to a minimum.

At present the company intends to commence operations as soon as conditions permit. A good freeze or drying out period will soon make the road passable again.

During this period of temporary shutdown, necessary repairs are being done on the 6X6 truck, D-6 Caterpillar, and other equipment which have been used on the project, either directly or indirectly. The total expense of these repairs are of course being born by the operators.

We hope this information is sufficient for your requirements and meets with your approval.

Respectfully Submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III
Engineering Department

MCG/md

1949

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 5 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: December 30, 1952

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 1949X

Contract Idm-E 322

Commodity Lead-Zinc

Operator - Geo. W. Snyder

Property - Lucky Strike Mine
Lander County, Nevada

This surprises me! He is kin of Ed Snyder, I believe & should know better. HC

By H. W. Jones

Dated December 12, 1952

H. C. Miller
H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

INTERIM REPORT

Docket No.: DMEA-1949X (lead-zinc) Dec. 12, 1952

Name and address of operator: Geo. W. Snyder
Felt Bldg.
Salt Lake City, Utah

Name and location of property: Lucky Strike Mine
Lander County, Nev.

Contract No.: Idm-E322

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Lucky Strike lead-zinc mine, southwest of Battle Mountain, Lander County, Nev., was visited on Dec. 2, 1952 to check the monthly progress under the DMEA exploration contract. Progress was extremely slow with the operator showing small regard for following the terms of the contract. Progress applicable to the contract consisted of advancing the 164-foot level drift from 95 feet to 112 feet, an advance of 17 feet. Other non-applicable work consisted of driving a 73 degree raise at the 95-foot point of the drift, a distance of 14.6 feet from track level and installing timbers and a chute.

Drifting and raising was along the fault fissure. There is little indication of mineralization present at the face. A few scattered sulfides were observed within the fault gouge. Two samples were taken. A three months extension of time was granted the operator; the date of termination was extended from Nov. 23, 1952 to Feb. 23, 1953.

It is recommended that the operator be advised to pay more attention to the terms of the contract in order to fulfill (in part) its designated requirements. If the efficiency and cost of operations

are not improved, it is recommended the contract be terminated.

STATEMENT OF WORK COMPLETED

The Lucky Strike mine was visited on Dec. 2, 1952 in order to ascertain the progress covered by terms of the DMEA exploration contract. All progress applicable to the contract was confined to the 164-foot level drift in which the drift was advanced from 95 feet to 112 feet, or an advance of 17 feet.

Non-applicable work within the drift, on which work is currently in progress, consisted of driving a 73 degree raise along the vein at the 95-foot mark of the drift, a distance of 14.6 feet from track level. Timber sets with inside measurement of 5- by 7-feet and chute were installed in the drift below the raise. Cold, inclement weather forced outside activities to a standstill.

COMMENTS ON PROGRESS

Progress under the DMEA contract has been extremely slow. The operator has shown small regard for following the terms of the contract. Costs were allowed on drifting and crosscutting, but no provisions were included for raising. During the month of November only 17 feet of drift was driven and the remainder of the time was spent on the non-contract raise. In the past three months, the drift has advanced from 75 feet to 112 feet or a total advance of 37 feet. During this time a small mill was constructed, a 6 mile road was completed, and drifting on another level was continued, the labor of which was probably charged to the Government contract.

The operator is not giving sufficient emphasis to the DMEA contract but is concentrating his efforts to the operation of the property at later date. The costs are excessive and if improvement in progress and cost cannot be improved, the contract should be terminated.

At the time of the visit, 2 miners were employed plus the mine foreman acting as the hoistman, and the mine superintendent. Cold weather and disagreeable camp conditions was the major factor in the shortage of labor.

SAMPLING

Two samples were taken of the mineralized area on the 164-foot level. Results are as follows:

Sample No.	Percent			Ounces/Ton		Width	Location
	Pb	Zn	Cu	Au	Ag		
7	0.1	0.2	0.01	Trace	0.20	2 feet	Face drift 112-foot mark.
8	0.2	0.6	0.03	0.03	0.45	0.6 "	Quartz filling in raise.

DISCUSSION

A three months extension of time was granted the operator to enable him to fulfill the terms of the contract. The original termination date of Nov. 23, 1952 was extended to Feb. 23, 1953.

Costs for the three months of Sept., Oct., and Nov. came to a total of $5,159.44 for 37 feet of drifting or an average cost of $139.44 per foot of advance. Timbering of the drift was unnecessary.

H. W. Jones

H. W. Jones
Mining Engineer

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

DEPARTMENT OF THE INTERIOR Defense Minerals Administration RECEIVED JAN 26 1953

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

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

ACCOUNTS JAN 2 1953

Month of November, 1952 Docket No. DMEA 1249 B Contract No. Idn E 322
Operator's Name George W. Snyder and George W. Snyder, Jr. Minerals Lead & Zinc
Address 518 Felt Building, Salt Lake City, Utah
Contract Amount, $ 27,794.00 Government Participation: 50 % Amount, $ 13,897.00

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:						Keating Betty
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	286.79	5,874.99	6,161.78			[illegible]
Supervision	100.00	1,173.05	1,273.05			[illegible]
Technical Services	100.00	875.00	975.00			615.00
(3) Operating Mat'ls. and Supplies:						
Timber		3,129.84	3,129.84			[illegible]
Explosives	140.30	282.00	422.30			283.44
Pipe		132.44	132.44			232.59
Track						
Other Supplies	271.76	2,368.74	2,640.50			1,017.28
				Shop Supp. Drill Steel		1,494.95 182.86
(4) Operating Equipment:						
Rental						
Purchase		913.00	913.00			913.00
Depreciation	128.00	640.00	768.00			768.00
(5) Initial Rehabilitation and Repairs		273.12	273.12			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	115.72	330.04	445.76			[illegible]
Sampling and Analysis						
Payroll Taxes		228.43	228.43			[illegible]
Liability Insurance						
[illegible]						[illegible]
(8) Contingencies (specify):						
TOTALS	1,142.07	16,225.65	17,368.72			11,829.51

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

Date 12-15-52 *Payee George W. Snyder and George W. Snyder, Jr.

Per Glen L. Gardner Title Auditor

*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:

$ 571 54

Signature [illegible] (Authorized Certifying Officer)

Date JAN 13 1953 Vou. No. SF-Dm ca. 31

(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. Ion-1/E322 in accordance with the terms of the contract.

Signature A. C. Johnson Title A. C. Johnson, Chief, Mining Div., Reg. III Date December 24, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature N. C. Miller Title Executive Officer DMEA Field Team Region III Date December 30, 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 DMF-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 21 1953

ACCOUNTS JAN 2 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 195 2 Docket No. DMEA 1949 S Contract No. Idm E 322
Operator's Name George M. Snyder and George M. Snyder, Jr. Minerals Lead & Zinc
Address 518 Felt Building, Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	ft.	1,143.07	9	6,727.33	109	61.72		
Crosscutting								
Raising								
Shafts								
Winzes	ft.			9,455.27	105	90.05		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,143.07		16,182.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				913.00				2,250.00
Initial Rehabilitation and Repairs				273.12				2,000.00
New Buildings, Improvements, etc.								
TOTAL COSTS		1,143.07		17,368.72				

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 12-15-52 Operator George M. Snyder & George M. Snyder, Jr.
Per Glen C. Gardner Title Auditor

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
1952 DEC 29 AM 8:
SAN FRANCISCO, CALIFORNIA

December 11, 1952

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region XII
U.S. Department of the Interior
1812 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket DMEA-1945K
(Lead-Zinc) Contract Ida-5322
Lucky Strike Mine
PROGRESS REPORT - NOVEMBER, 1952

Dear Mr. Miller:

The following brief report of progress and other relative data is herewith submitted regarding Contract Ida-5322, and covers the period November 1-30, 1952.

Work on the 200 north level consisted of nine feet of advance in a northerly direction. Character of mineralization has not changed appreciably and strength of the structure remains about the same. A short exploration raise was begun just back of the present face to determine whether or not the 200 north level is at the bottom of a trough. It seems improbable to the company that mineralization as intense as was witnessed on the Arctic level some 64 feet vertically above the 200 north level could be so thoroughly dissipated in such a short distance.

Work in this raise has been done on company account. The vein in the raise has in the last few feet of advance shown a definite widening out and the calcite ratio is now quite high. If results tend to show the lack of a commercial grade ore, short crosscuts into the hanging and footwall of the Dunham vein will be put out to check the possibility of the mineralization being present along parallel fissures similar to those which have been developed to the south in the bypass area.

Weather conditions at the subject property have been rather severe for the month of November, several snow storms and accompanying cold weather has made working conditions far from favorable.

We trust this information is sufficient for your requirements and meets with your approval.

Respectfully Submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III - Engineering Department

MCG/md

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

NOV 28 1952

Kel

Sterling
Betty

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date:

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 1949

Contract Idm-E 322

Commodity Lead-zinc

Operator - Geo. W. Snyder & Geo. W. Snyder, Jr.

Property - Lucky Strike Mine, Lander County, Nevada

By Henry W. Jones, Mining Engr.

Dated Nov. 18, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

Department of the Interior
Defense Minerals Administration

INTERIM REPORT

NOV 3 - 1952

Docket No. : DMEA-1949X (lead-zinc) Nov. 18, 1952

Name and address of operator: George W. Snyder
Felt Bldg.,
Salt Lake City, Utah

Name and location of property: Lucky Strike Mine
Lander County, Nevada

Contract No.: Idm-E322

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Lucky Strike lead-zinc mine, southwest of Battle Mountain, Lander County, Nevada was visited on November 3, 1952 to ascertain the monthly progress under the DMEA exploration contract.

Progress consisted of advancing the 164 level drift a distance of 20 feet, from 75 feet to 95 feet (see attached map). A mine track was laid along the drift. Water flowage in the winze has increased to an estimated 195 gal/hour.

Operations not covered by the DMEA contract consisted of the completion and partial grading of the Trout Creek road, the construction of a snow shed over the upper tunnel, continued construction of a jig mill, and the driving of a 35-foot storage drift at the Y of the upper tunnel.

The present contract expires on Nov. 23, 1952. If the operator is to fulfill the terms of the contract, it is recommended an application for a request of an extension of time be submitted.

STATEMENT OF WORK COMPLETED

The Lucky Strike mine was visited on Nov. 3, 1952 by an engineer of the Bureau of Mines to ascertain the amount of progress on the DMEA exploration contract since the last inspection. The engineer was accompanied by Glenn Johnson, mine superintendent, on the inspection tour. Progress during the period consisted of extending the 164 level drift from 75 feet to 95 feet, an advance of 20 feet (see attached map). The small raise started at the 75 foot point in the drift was timbered and lagging closed it off. A mine track was laid from the shaft pocket along the drift, replacing the wheelbarrow haulage.

COMMENTS ON PROGRESS

Most of the available working time has been confined to surface installations and mine workings not applicable to the DMEA contract.

Progress on the drift has been slow, partially accountable to the longer periods of pumping.

Water flowage into the winze has increased to such an extent that three hours of continuous daily pumping is required to dewater it sufficiently to use the shaft pocket. Water floods the 164 level drift if the pumps are out of operation for periods longer than 24 hours. The present flow is estimated to be approximately 195 gal. per hour.

The new Trout Creek road was completed and a minor amount of grading was done on some of the rougher spots. Completion of this road provides for a low gradient all winter road from Valmy and Buffalo Valley area to the mine.

A 12 foot by 16 foot snowshed with 6- by 6-inch uprights, 2- by 12-inch plank framework and covered by corrugated tin was completed to cover the mouth of the upper tunnel.

A 35 foot storage drift is being completed and widened at the Y of the upper tunnel. Construction of the small jigging mill is almost completed and operations are expected to start within the month of November.

SAMPLING

One 12-inch sample was taken at the face of the 164 level drift. Results are as follows: Sample No. 4 %Pb 0.1, %Zn 7.3, %Cu 0.03, oz. Au/T Trace, oz. Ag/T 0.60

DISCUSSION

Information was received that work on the sinking of the Electric winze to the depth required by the DMEA contract is to be started soon. The present depth of the winze is 182 feet, with an additional 24 feet to be completed to meet the contract requirements. The present contract expires on Nov. 23, 1952. Past operations indicated an average advance of 2 feet per shift. In order for the operator to complete the required work, it is recommended and was suggested to the mine superintendent that the operator request an extension of time.

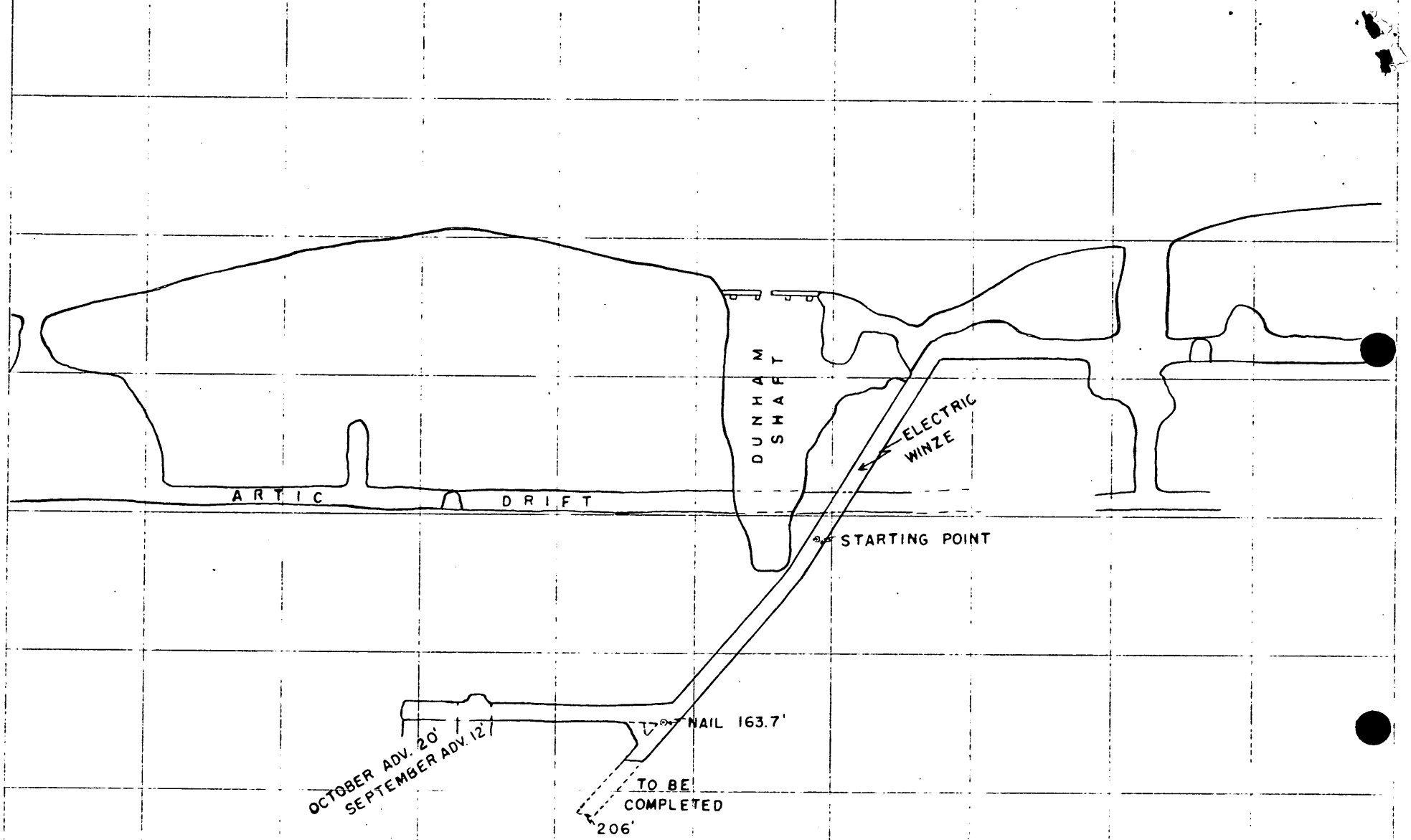
Amendment No. 1 was granted the operator, which gave him greater operational flexibility and allowed work to proceed at a faster rate than the standard 22 days of work per month.

The operator's report for the month of October gave a 25-foot advance on the 200 North level. This is erroneous as measurements taken on the 3rd of November, 3 days after the time of the report, measured a 20-foot advance (referred to in the Government report as the 164 level).

The monthly cost for October appears to be rather excessive in view of the 20-foot advance on the 164 level. Costs came to $2,181.88 or an average of $109.09 per foot of advance.

Henry W. Jones

Henry W. Jones
Mining Engineer



Section of
"LUCKY STRIKE MINE"
LANDER COUNTY, NEVADA
Line of Section Bears N34°W
Scale: 1" = 50'

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

Budget Bureau No. 10-R1036.3.
Approval expires 6-30-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

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

Month of October, 1952 Docket No. DMEA 1949 B Contract No. Kdn 3 932
Operator's Name George W. Snyder & George W. Snyder, Jr. Minerals Lead & Zinc
Address 518 Felt Building, Salt Lake City, Utah
Contract Amount, $ 27,774.00 Government Participation: 50 % Amount, $ 13,887.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	693.00	3,381.11	4,074.11			
Supervision	150.00	1,023.05	1,173.05			
Technical Services	150.00	725.00	875.00			
(3) Operating Mat'ls. and Supplies:						
Timber	246.35	2,089.49	2,127.84			
Explosives	282.00		282.00			
Pipe		132.44	132.44			
Track						
Other Supplies	602.60	1,755.06	2,360.74			
(4) Operating Equipment:						
Rental						
Purchase		913.00	913.00			
Depreciation	323.00	319.00	642.00			
(5) Initial Rehabilitation and Repairs		273.12	273.12			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	127.97	202.07	330.04			
Sampling and Analysis						
Payroll Taxes		223.62	223.62			
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,181.00	10,043.77	12,225.65			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 12-15-52 *Payee George W. Snyder & George W. Snyder, Jr.
Per Glen C. Gardner Title Auditor

*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:

$ 1090.94

A. J. Renner
Signature Authorized Certifying Officer
(Authorized Certifying Officer)

Date 1952 Vou. No. SF-DMEA-28
(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. [illegible] in accordance with the terms of the contract.

Signature [illegible] Johnson Title Chief, Mining Div. Region III Date Nov. 19, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer M & Field Team Region III Date Nov. [illegible], 1952

H. C. Miller

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1952

Month of October 195 2 Docket No. DMEA 1969 S Contract No. [illegible]
Operator's Name George V. Snyder & George V. Snyder, Jr. Minerals Lead & Zinc
Address 513 Felt Building, Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	2,201.00	25	9,504.20	100	95.04		
Crosscutting								
Raising								
Shafts								
Winzes	ft.			9,459.27	105	90.09		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,101.00		18,963.47				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				913.00				2,250.00
Initial Rehabilitation and Repairs				272.12				2,000.00
New Buildings, Improvements, etc.								
TOTAL COSTS		2,101.00		19,235.59				

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 11-15-52 Operator George V. Snyder & George V. Snyder, Jr.
Per Glen A. Gardner Title Auditor

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

November 13, 1952

Mr. H. C. Miller, Regional Director,
Defense Minerals Exploration Administration
U.S. Department of the Interior
1012 Flood Building
San Francisco, California

Refer to: Contract Idm-E-322
PROGRESS REPORT - OCTOBER, 1952

Dear Mr. Miller:

The following brief report of progress and other relative data is herewith submitted regarding Contract No. Idm-E-322, and covers the period October 1-31, 1952.

Work on the 200 north level consisted of twenty five (25) feet of advance in a northerly direction along the main Dunham vein. Geologic indications during the month have been in the most part not as promising as was previously expected. The structure is strong, but mineralization has been rather erratic and weak. It is planned to put out short crosscuts into the foot and hanging wall sides of the drift in order to determine if a more intense mineralization is present along these walls.

Development work in the by pass area to the south has shown the presence of parallel veins along the main Dunham structure. The proposed 200 north crosscuts should determine whether or not this parallel structure exists along the northerly extension of the Dunham vein.

We trust that this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III - Engineering Dept.

MCG/md

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.

Defense Minerals Administration
RECEIVED
OCT 28 1952

Keating
Betty

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 1[illegible] Contract No. [illegible]
Operator's Name George W. Snyder and George W. Snyder, Jr. Minerals [illegible]
Address 5[illegible] Holt Bldg., Salt Lake City, Utah
Contract Amount, $27,[illegible] Government Participation: 50 % Amount, $13,[illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	221.49	3,153.62	3,375.11			
Supervision	131.00	895.05	1,026.05			
Technical Services	125.00	600.00	725.00			
(3) Operating Mat'ls. and Supplies:						
Timber	1,049.33	1,858.60	2,913.93			
Explosives						
Pipe		132.44	132.44			
Track						
Other Supplies	160.25	1,596.21	1,756.46			
(4) Operating Equipment:						
Rental						
Purchase		913.00	913.00			
Depreciation	128.00	384.00	512.00			
(5) Initial Rehabilitation and Repairs		273.12	273.12			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	43.32	160.75	204.07			
Sampling and Analysis						
Payroll Taxes		220.43	220.43			
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,[illegible]	[illegible]	1[illegible]			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10/15/52 *Payee George W. Snyder & George W. Snyder Jr.
Per Glen C. Gardner Title Auditor

*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:
$ 917.25

A. J. Renner
Authorized Certifying Officer
Signature
(Authorized Certifying Officer)
Date OCT 24 1952 Vou. No. SF-DMEA-23
(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. [illegible]-322 in accordance with the terms of the contract.

Signature [illegible] Johnson Title Chief, [illegible] Date Oct. 22, 1952.
Region [illegible]

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer Date [illegible], 1952
S. Hicker for [illegible] Miller Region [illegible]

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
OCT 28 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 195 2 Docket No. DMEA 1949 E Contract No. Idm E 322
Operator's Name George W. Snyder and George W. Snyder, Jr. Minerals Lead - Zinc
Address 518 Felt Building, Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	ft.	1,834.49	12	3,402.38	75			
Crosscutting								
Raising								
Shafts								
Winzes	ft.			9,455.27	105	90.05		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,834.49		12,857.65				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				913.00				2,250.00
Initial Rehabilitation and Repairs				273.12				2,000.00
New Buildings, Improvements, etc.								
TOTAL COSTS		1,834.49		14,043.77				

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 10/15/52 Operator George W. Snyder & George W. Snyder, Jr.
Per Glen A. Gardner Title Auditor

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

October 15, 1952

Mr. N. C. Miller, Regional Director
Defense Minerals Exploration Administration
U. S. Department of the Interior
1012 Flood Building
San Francisco, California

Refer to: Contract Idm-E-322
PROGRESS REPORT - SEPTEMBER, 1952

Dear Mr. Miller:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Contract No. Idm-E-322, and covers the period September 1-30, 1952.

Work in the 200 North area consisted of 12 feet of advance. The main Dunham structure at present has gained in strength and width considerably. The vein at the face is massive calcite containing minor amounts of pyrite, sphalerite, chalcopyrite, and galena. At the present time the vein exceeds the width of the face. Work in the 200 north level has been temporarily suspended in order to get all surface installations prepared for winter. Snow sheds and covers have been constructed at both tunnel portals. An accelerated work program has been started to complete the jig mill install all water lines and construct collecting tanks before inclement weather sets in. A new road down Frost Creek has been roughed in to cut out the bad summit which causes delays on the ore haul during the bad weather.

As usual only that portion of the work applicable to the contract has been changed.

We trust this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

M. C. Gothe III - Engineering Dept.

MCG3rd/md

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Keeting
Betty

Date: Oct. 23, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 1949X

Contract Idn-E 322

Commodity Lead-Zinc

Operator - George W. Snyder & George W. Snyder, Jr.

Property - Lucky Strike Mine, Battle Mountain, Nevada

By Henry W. Jones, Mining Engr.

Dated October 22, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (with one copy of report)
E. H. Bailey, USGS (with one copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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OCT 27 1952

INTERIM REPORT

Docket No.: DMEA-1949X (lead-zinc) October 22, 1952

Name and address of operator: George W. Snyder
Felt Bldg.
Salt Lake City, Utah.

Name and location of property: Lucky Strike Mine
Battle Mountain, Nev.

Contract No.: Idm-E322

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

The Lucky Strike lead-zinc mine, southwest of Battle Mountain, Lander County, Nev., was inspected on Sept. 29, 1952 to check progress under the DMEA exploration contract.

No progress is reported for this period. Two short rounds from the side wall and back near the face of the 164-foot level drift are not applicable to the DMEA contract. All other work was confined to surface operations in preparation for the winterizing of the mine, the construction of a jig mill, and the construction of a low gradient road down the Trout Creek canyon.

Excessive timber costs were noted in view of the amount of timbering required in the sinking of the winze, cutting the station and driving the drift.

It is recommended the operator explain the excessive amounts of timber being purchased.

STATEMENT OF WORK COMPLETED

The Lucky Strike mine was visited on Sept. 29, 1952 by an engineer of the Bureau of Mines, Region III for the purpose of ascertaining the progress of the work being performed under the contract agreement.

work since the last inspection of Sept. 4, 1952 was confined chiefly to other parts of the mining operation not covered by the contract.

A short round was broken near the face from the back of the 164-foot level drift, and the adit widened as a preparatory measure for the construction of a raise at this point. It was not mucked out. This work should not be charged to the Government since the DMEA contract does not cover expenses concurred by anything other than sinking and drifting, (and then at the mutual agreement of the operator and a Government representative).

A snow shed is being constructed at the mouth of the upper adit entrance, covering the air receiver and miscellaneous equipment.

An all winter road is being constructed down the Trout Creek canyon from the mine, by means of a D-6 Caterpillar bulldozer; 5.5 miles of road have been completed with an additional 1/2 mile to go.

Construction of a small jigging mill is underway and is expected to be completed prior to the beginning of winter weather.

Water pipes, and tanks are being covered and protected.

COMMENTS ON PROGRESS

Very little work was completed applicable to the DMEA contract. Progress, therefore, cannot be judged on this basis. Other work, however, in the camp appears to have been carried out in a workmanlike manner with no undue difficulties being encountered.

SAMPLING

No samples were taken for this period. Results of the seven samples taken previously at regular intervals along the 164-foot level drift are as follows:

Sample No.	Percent Pb	Percent Zn	Percent Cu	Oz./T Au	Oz./T Ag	Description
151	0.1	6.4	0.05	0.015	0.5	At 25-foot mark; 3.0 foot sample width.
152	1.0	14.4	0.04	0.01	1.1	At 35-foot mark; 2.3 foot sample width.
153	*0.2	8.1	0.03	Trace	0.2	At 45-foot mark; 3.0 foot sample width.
154	0.7	6.6	0.09	0.01	1.6	At 55-foot mark; 2.2 foot sample width.
155	2.9	*0.2	0.03	0.005	2.8	At 65-foot mark; 2.5 foot sample width.
156	*0.2	0.5	0.02	Trace	Trace	Face 2.4 foot sample width.
157	*0.2	2.7	0.09	Trace	0.4	At 15-foot mark; 1.7 foot sample width.

DISCUSSION

It was reported by Glenn Johnson, superintendent, that work in the electric winze will not be resumed until the winter road down the canyon is completed and graded. A jig mill and ore bin is also under construction. They will be completed and put into operation at the earliest possible moment.

In the operators voucher report covering the month of September, it was noted the timber costs for the month amounted to $1,049.83. Total timber costs to date amount to $2,883.49. This charge appears rather excessive in view of the 106 feet of 6-by 7-foot winze that was partially timbered and the 75 feet of drift that was not timbered. The Bureau engineer was not present when the snow sheds over the two tunnel entrances were completed but it is doubtful this excessive amount of timber could be used for this purpose, (not covered by contract).

The 12-foot advance mentioned by the operator in the progress report for September 1952 was previously covered in the Bureau report of Sept. 12, 1952.

Henry W. Jones
Henry W. Jones
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

SEP 22 1952

Keating
Betty

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: Sept. 16, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA-1949X

Contract Idm-E 322

Commodity Lead-Zinc

Operator - United Minerals Reserve Corp.
Geo. W. Snyder

Property - Lucky Strike Mine
Battle Mountain, Nevada

By Geo. H. Holmes, Jr.

Dated Sept. 12, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (with one copy of report)
E. H. Bailey, USGS (with one copy of report)

INTERIM REPORT

Docket No. DMEA-1949X (lead-zinc) Sept. 12, 1952

Name and address of operator: George W. Snyder
Felt Building
Salt Lake City, Utah.

Name and location of property: Lucky Strike Mine
Battle Mountain, Nevada

Contract No.: Idm-E322

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

The Lucky Strike lead-zinc mine, southwest of Battle Mountain, Lander County, Nevada, was inspected on September 4 to check progress under the DMEA exploration contract.

Progress during the period comprised sinking the Electric winze from 166 to 182 feet, an advance of 16 feet; cutting a station and skip pocket at the 164-foot level, and drifting northwest on this level for a distance of 75 feet. Sinking and drifting were done under a sub-contract. No unusual difficulties were encountered and progress was good.

Drifting was along a fault fissure averaging 2.4 feet in width and showing strong lead-zinc sulfide mineralization. Seven samples were taken.

No improvement of operations are recommended. The operator's interpretation of the contract was that drifting could be done from the winze at any point showing a favorable occurrence before the winze had been sunk its designated 130 feet. As the Bureau does not concur, the operator is requesting an amendment to cover work on the 164-foot level.

Allowable expenses in the labor and operating materials sections of the contract were exceeded and the operator is also requesting amendments to cover this over expenditure.

It is recommended that the operator be held to the terms of the contract.

STATEMENT OF WORK COMPLETED

The Lucky Strike mine was visited on September 4 by engineers[1] from the Bureau of Mines accompanied by Glenn Johnson, mine superintendent. Work during the period consisted of sinking the Electric winze from 166 to 182 feet, an advance of 16 feet; cutting a station and skip-pocket at the 164-foot level; and drifting northwest on this level a distance of 75 feet.

COMMENTS ON PROGRESS

Good progress was made during the period and no unusual difficulties were encountered. Work was done efficiently and the operator submits adequate maps and reports on the progress. However, sinking and drifting were sub-contracted without an amendment to the contract to permit this change; and drifting from the winze was started on a favorable showing at 164 feet instead of completing the winze and drifting at 206 feet, as specified in the contract. The drift driven on this mineralized fissure varies in width from 2.2 to 3.0 feet, and averages 2.4 feet. Strong lead-zinc sulfide mineralization is evident. Seven samples were taken at regular intervals along the drift.

DISCUSSION

The operator's report for July states in part: "The substantial

1/ G. H. Holmes, Jr. and H. W. Jones.

footage advance was effected by putting the shaftmen on a footage incentive bonus deal, however, only that portion of costs which are applicable to the contract have been charged." The Bureau engineers were advised during the inspection trip that 2 miners were given a contract to sink the winze at the rate of $35 per foot and to drive the drift on contract at $10 per foot, with the company providing a hoistman-trammer, supervision, and all supplies. Work during July and August was on a 1-shift basis, with the crew comprising the two contract miners, a hoistman-trammer and a supervisor. The station and skip-pocket on the 164-foot level were done on a day's pay basis. Progress in the winze averaged 2 feet per shift and in drifting 5 feet per shift. Costs are excessive and greatly exceed allowable contract costs. Cost of supplies during July also exceed allowable contract costs. These excessive costs were brought to the attention of the operator and new Forms MF-104 were submitted which reduced labor and supply costs to the amounts specified in the contract. An amendment to the contract is being requested which will restore these over expenditures. Failure to abide by the contract with the resultant high costs should justify denying payment of the excessive costs.

It was also brought to the operator's attention that the intent of the contract was to sink the Electric winze from 76 to 206 feet, a distance of 130 feet, and then drift northerly and southerly with exploratory crosscuts at such intervals and directions as may be determined by favorable showings. The operator interpreted the contract to mean that a drift could be driven from the winze at any point showing a favorable occurrence. Consequently, a station was cut at the 164-foot

level and a drift driven to the northwest for 75 feet on a strong, but narrow, mineralized fault fissure. These new workings are 76 feet vertically below the Lower Tunnel. Drifting from the bottom of the winze at the 206-foot level, as specified in the contract, would place this level 107 feet vertically below the Lower Tunnel and 31 feet vertically below the 164-foot level.

The operator will request an amendment to the contract to cover costs of the work on the 164-foot level. As a drift at this level is not specified in the contract, it is recommended these costs be denied and the operator required to complete the winze prior to drifting. If, however, the amendment is approved, it is suggested that all drifting and crosscutting be confined to this 164-foot level and abandonment of the proposed work on the 206-foot level. It does not seem good practice to open another level 31 feet vertically below present workings.

George H. Holmes, Jr.
Mining Engineer

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

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

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

Month of August, 1952 Docket No. DMEA 1949 Contract No. E 322
Operator's Name George M. Taylor & George M. Taylor, Jr. Minerals Lead - Zinc
Address 513 Felt Building - Salt Lake City, Utah
Contract Amount, $27,794.00 Government Participation: 50 % Amount, $13,897.00

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:						Keeling Betty
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1,936.00	3,223.62	5,159.62			
Supervision	100.00	828.05	928.05			
Technical Services	200.00	400.00	600.00			
(3) Operating Mat'ls. and Supplies:						
Timber	215.04	1,618.62	1,833.66			
Explosives						
Pipe		132.44	132.44			
Track						
Others	940.02	656.19	1,596.21			
(4) Operating Equipment:						
Rental						
Purchase		913.00	913.00			
Depreciation	128.00	256.00	384.00			
(5) Initial Rehabilitation and Repairs	27.60	245.52	273.12			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	70.00	32.75	160.75			
Sampling and Analysis						
Payroll Taxes		228.43	228.43			
Liability Insurance						
	*To pick up payroll taxes omitted for month of May. See May payroll summary sheet. Add to initial rehabilitation and repairs.					
(8) Contingencies (specify):						
TOTALS	3,924.66	8,284.62	12,209.28			

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

Date 9/15/52 *Payee George M. Taylor & George M. Taylor, Jr.

Per Glen B. Gardner Title Auditor

*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:

$1962.33

Signature A. J. KENNER
(Authorized Certifying Officer)

Date 10/1/52 Vou. No. SF-DMEA-16

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature [illegible] Title [illegible] Date [illegible]

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title [illegible] Date [illegible]

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 195 2 Docket No. DMEA 1249[illegible] Contract No. 1[illegible] 322
Operator's Name George W. Snyder & George W. Snyder, Jr. Minerals Lead-Zinc
Address 515 Felt Building - Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting		1,567.39	63	1,567.39	63	24.89		
Crosscutting								
Raising								
Shafts								
Winzes		2,329.17	27	9,455.27	105	90.05		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3,897.06	90	11,023.16				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				913.00				2,250.00
Initial Rehabilitation and Repairs		27.60		273.12				2,000.00
New Buildings, Improvements, etc.								
TOTAL COSTS		3,924.66		12,209.28				

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 9/15/52 Operator George W. Snyder & George W. Snyder, Jr.
Per Glen C. Gardner Title Auditor

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

REMARKS:

(Instructions on reverse)

(For Government use only)

[illegible] OCT 22 1952

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

September 10, 1952
Salt Lake City, Utah

Mr. H. C. Miller, Regional Director
Defense Minerals Exploration Administration
U. S. Department of the Interior
1012 Flood Building
San Francisco, California

Refer to: Contract Idm-E-322
PROGRESS REPORT - AUGUST, 1952

Dear Mr. Miller:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Contract No. Idm-E-322 and covers period August 1-31, 1952.

Work in the winze during the month consisted of 27 feet of advance. The continued presence of favorable geologic factors, (intense mineralization and strength of structure)made it advisable to start drifting at this level. As was expected, at this level (200 North drift), the apparent northerly rake of the ore bodies still persists. Further work in the Electric Winze area consisted of shooting out a skip pocket at the 200 north station area and drifting in a northerly direction along the vein some 63 feet. The 200 north level has a vertical depth of 80 feet below Arctic level and is well below the zone of oxidization. A good grade of milling ore has been exposed in the last few feet of advance.

The company has been proceeding with further development work on the Artic level with the view in mind of keeping all broken ore stored underground. A jig milling plant is now being installed at the head of the Dunham Shaft to handle all ores except high grade. All mill ore mined from the 200 north level, will be hoisted to the runaround drift at the Artic level. From this point it will be trammed and stored in underground bins in the Dunham shaft, as will ores produced from other levels of the mine. As milling requirements demand ores will be hoisted out of the Dunham storage area direct to the mill feed circuit. By this method of keeping as much of the operation underground as possible the company will be better able to combat natural elements during the winter months, and insure a more equitable work schedule during inclement weather.

As usual only that portion of the work applicable to the contract has been charged.

We trust this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III - Engineering Department

MCG/md

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
[illegible]

AUG 25 1952

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: August 19, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 1949X

Contract Idm-E 322

Commodity Lead-zinc

Operator - Geo. W. Snyder & Geo. W. Snyder, Jr.

Property - Lucky Strike Mine
Battle Mountain, Nevada

By George H. Holmes, Jr.

Dated August 15, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (with one copy of report)
E. H. Bailey, USGS (with one copy of report)

August 15, 1952

INTERIM REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 25 1952

Docket No. DMEA-1949X (Lead-zinc)

Name and address of operator: George W. Snyder
Felt Building
Salt Lake City Utah

Name and location of property: Lucky Strike Mine,
Battle Mountain, Nevada

Contract No.: Idm-E322

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The Lucky Strike Lead-zinc Mine, Lander County, Nevada, was visited on August 5, to check progress under the DMEA exploration contract.

During the period from July 11 to August 5, the inclined electric winze was sunk 48.2 feet to the present depth of 166 feet; and some rehabilitation done on the boarding house and dwellings.

Work is being done efficiently and no unusual difficulties have been encountered. Progress is good and costs are reasonable.

No improvement of operations or changes in the project are recommended.

STATEMENT OF WORK COMPLETED

The Lucky Strike Mine was visited on August 5 by an engineer from the Bureau of Mines accompanied by Glenn Johnson, Superintendent. Work, since the last inspection by L. F. Muller on July 11, consisted of sinking the electric winze to a depth of 166 feet, with an advance during the period of 48.2 feet. Timber was carried to 157 feet.

A sub-level drift to the northwest is being started from the winze at 166 feet. This work will undoubtedly be done on company

account as the DMEA contract specifies completion of the winze to 206 feet below drifting.

Some rehabilitation of the boarding house and dwellings had also been done.

COMMENTS ON PROGRESS

Progress during the period was at the rate of 2.4 feet per day. The winze is being carried 7'4" by 6'4", outside measurements, with 8 by 8 inch timbers set on 5 foot centers. Center posts, between manway and hoisting compartments, are 4 by 6 inch. Sets are lagged with 2 by 12 inch lagging.

Drilling is with jackhammer using 7/8 inch conventional hexagon steel fitted with tungsten carbide bits. Broken rock is hand mucked into a 1000 pound capacity skip, and hoisted to the upper tunnel. The skip track consists of 25 pound mine rails.

Compressed air is supplied by a Joy, 315 c.f.m. Diesel-driven portable, and an old Fairbanks-Morse, 360 c.f.m. gasoline driven compressor. A flow of water in the winze is estimated to be from 60-80 gallons per hour, and is pumped out by an Ingersoll-Rand electric operated centrifugal pump.

Two miners and a hoistman comprise the regular crew, with a trammer used as needed, to help with tramming from the skip pocket to the portal.

Operations are carried on efficiently with no unusual difficulties to slow progress. No mineralization was evident between 157 and 166 feet. The drift being started at 166 feet will be

driven to the northwest to explore for the downward extensions of mineralized zones mined from the lower tunnel.

SAMPLING

No samples were taken.

George H. Holmes, Jr.
Mining Methods Research Engineer.

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

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

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

Month of July, 195[illegible] Docket No. DMEA 19[illegible] Contract No. 10-322
Operator's Name George W. Naylor & George W. Naylor, Jr. Minerals Lead - Zinc
Address 518 Felt Building, Salt Lake City, Utah
Contract Amount, $ 27,794.00 Government Participation: 50 % Amount, $ 13,897.00

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:						Keating Batty
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1,[illegible].00	1,[illegible].62	3,[illegible].62			
Supervision	400.00	1[illegible].00	5[illegible].00			
Technical Services	[illegible].00	[illegible].00	[illegible].00			
(3) Operating Mat'ls. and Supplies:						
Timber	873.12	743.44	1,616.62			
Explosives						
Pipe	93.50	38.95	132.44			
Track						
Other	[illegible]7.12	369.06	656.19			
(4) Operating Equipment:						
Rental						
Purchase		913.00	913.00			
Depreciation	1[illegible].00	1[illegible].00	2[illegible].00			
(5) Initial Rehabilitation and Repairs		[illegible]	[illegible]			
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		62.75	62.75			
Sampling and Analysis						
Payroll Taxes		[illegible]	229.43			
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]	4,962.72	[illegible]			

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

Date [illegible], Payee George W. Naylor & George W. Naylor, Jr.

Per [illegible] Title Operator

*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:

$ 1961.45

Signature
(Authorized Certifying Officer)

Date 10/1/52 Vou. No. SF-DMEA-16
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

Signature A. C. Johnson Title Chief, Mining Div. Region III Date Sept. 9, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date Sept. 25, 1952

H. C. Miller

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1952 Docket No. DMEA 1949X Contract No. Idm E 322
Operator's Name George W. Snyder & George W. Snyder, Jr. Minerals Lead - Zinc
Address 518 Felt Building, Salt Lake City, Utah

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts				7,216.10				
Winzes	foot	3,922.90	59	~~8,284.62~~	78	106.21	130	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		3,922.90		7216.10 ~~8,284.62~~				Total Costs Authorized by Contract
Operating Equipment Purchased				913.00				2,250.00
Initial Rehabilitation and Repairs				245.52				2,000.00
New Buildings, Improvements, etc.								
Total Costs		3,922.90		~~9,443.34~~ 8,284.62				

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 September 2, 1952 Operator George W. Snyder & George W. Snyder, Jr.
Per Glen C. Gardner Title Auditor

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

August 13, 1952

Mr. H. C. Miller, Regional Director
Defense Minerals Exploration Administration
U.S. Department of the Interior
1012 Flood Building
San Francisco, California

Re: Contract Idm-E 322
PROGRESS REPORT - July, 1952

Dear Mr. Miller:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Contract No. Idm-E 322 and covers period July 1-31, 1952.

Work in the winze during the month consisted of 59 feet of advance. Timber was carried down with the winze as per the Nevada State Mine Inspector's suggestion. The substantial footage advance was effected by putting the shaftmen on a footage incentive bonus deal, however, only that portion of costs which are applicable to the contract have been charged.

Presence of mineralization in the winze has become increasingly more intense in the last few feet of advance. If conditions prevail or better shows are encountered within the next 25 or 30 feet of downward extension on the structure, it is the companies present plan to begin a drift to the north to investigate the area. A level at this point in the winze will give an approximate vertical distance of 85 feet below the Arctic level.

Enclosed as covering material please find section and plan of Electric Winze area showing advance for the month.

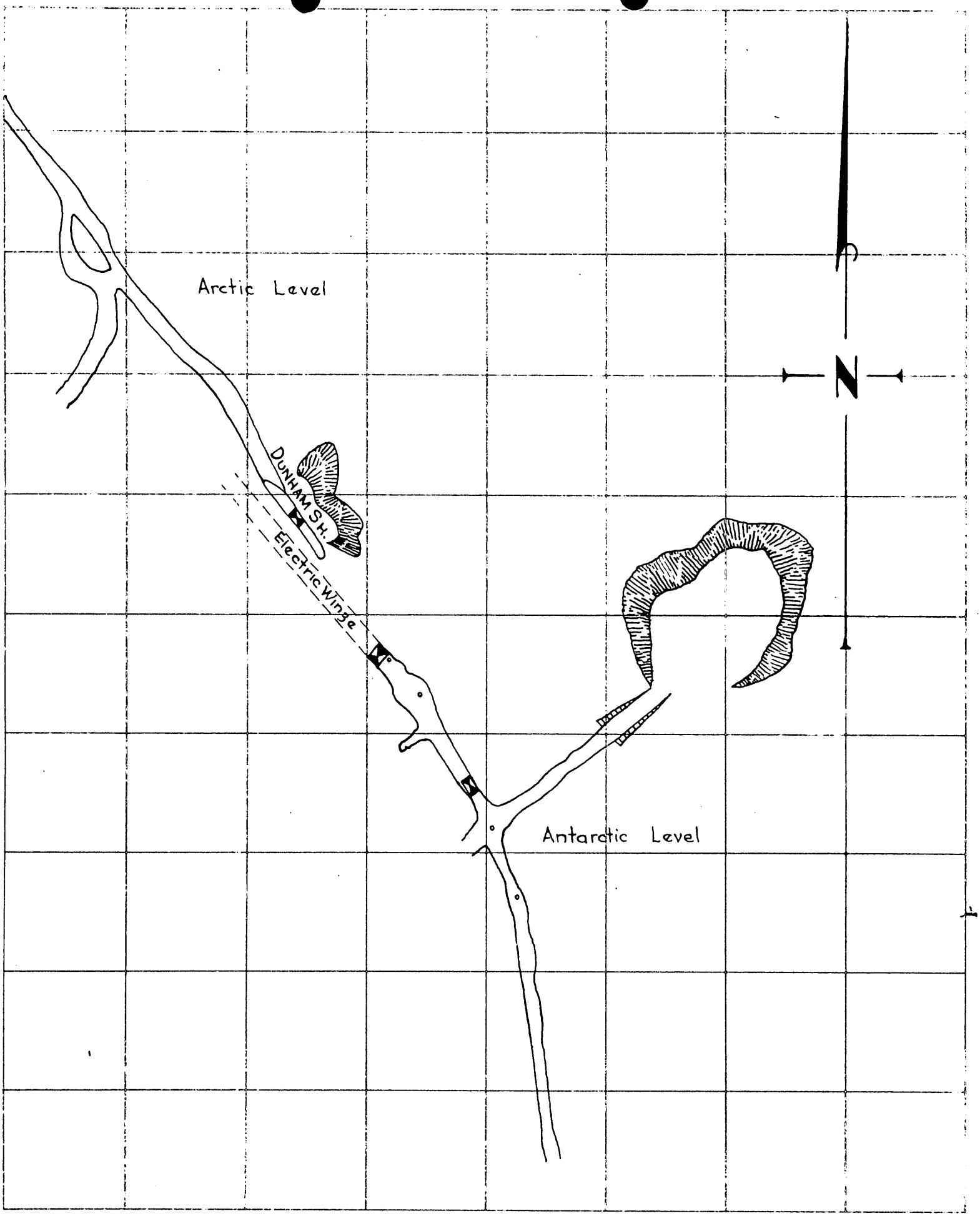
We trust this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

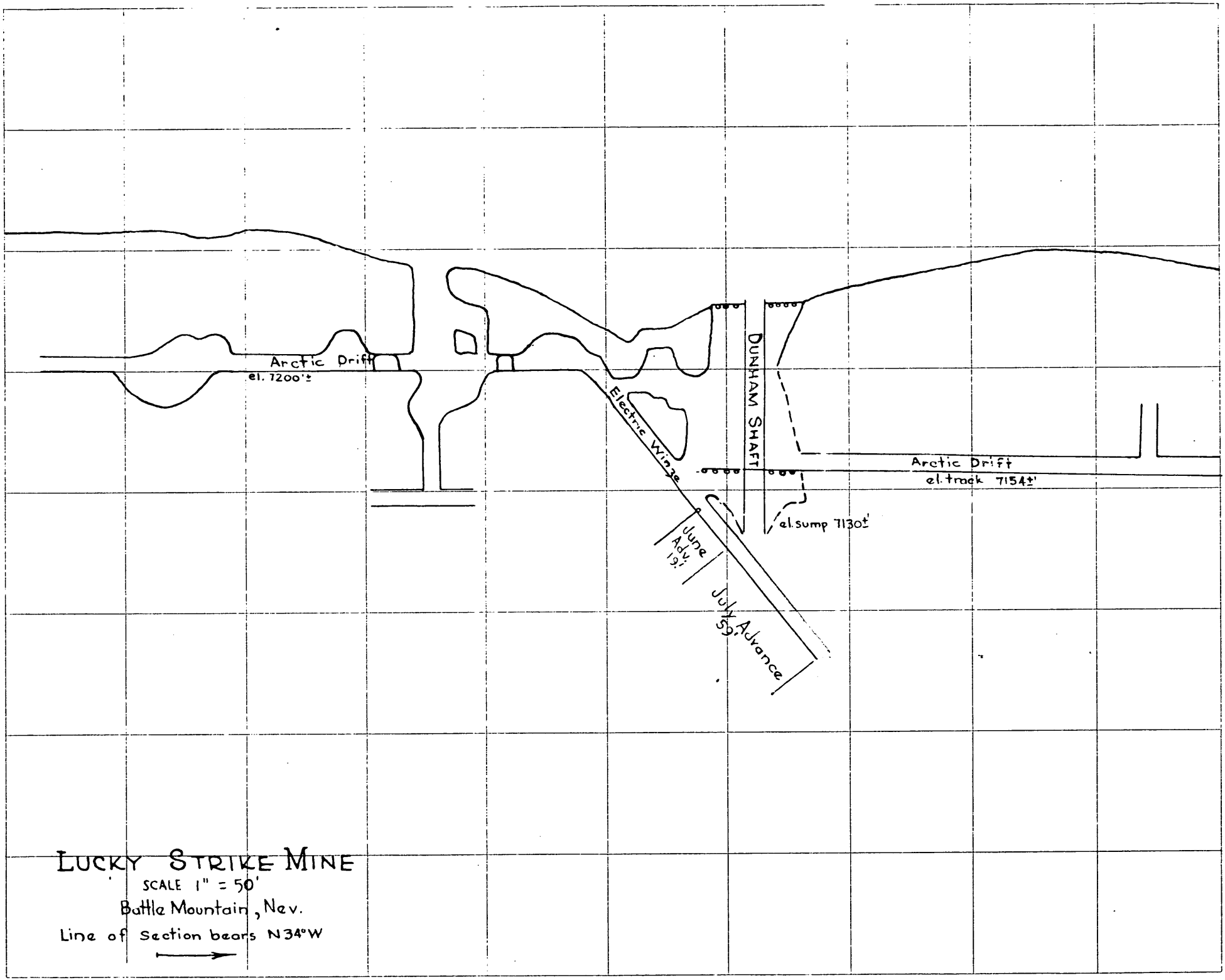
UNITED MINERALS CORPORATION

M. C. Godbe III - Engineering Dept.

MCG/md



MINE LUCKY STRIKE MINE, LOCATION BATTLE MTN., NEV., LEVEL COMP. PLAN
GEOLOGY BY _____ SURVEY M.C. GODBE III SCALE 1" = 50' DATE JULY 31, 52


Arctic Drift
el. 7200'±
Electric Winze
DUNHAM SHAFT
Arctic Drift
el. track 7154±'
el. sump 7130±'
June Adv. 19'
July Advance 59'
LUCKY STRIKE MINE
SCALE 1" = 50'
Battle Mountain, Nev.
Line of Section bears N34°W

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

Keating
Kelley

Budget Bureau No. 42-R1135.3.
Approval expires 5-30-53.

Defense Minerals Administration
RECEIVED
AUG 26 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of JUNE 2 1952 Docket No. DMEA 1949 X

Operator's Name GEORGE W. SNYDER & GEORGE W. SNYDER, JR.

Address 518 FELT BUILDING

Contract No. Idm E 322

Minerals LEAD - ZINC

Contract Amount, $ 27,794.00 Government Participation: 50 % Amount, $ 13,897.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:	1,287.62		1,287.62			
Labor	128.05		128.05			
Supervision	200.00		200.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:	740.44		740.44			
Timber						
Explosives	38.85		38.85			
Pipe						
Track						
Miscellaneous	369.06		369.06			
(4) Operating Equipment:						
Rental	913.00		913.00			
Purchase	128.00		128.00			
Depreciation		245.52	245.52			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	82.75		82.75			
Sampling and Analysis						
Payroll Taxes	228.43		228.43			
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	4,116.20	245.52	4,361.72			

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

Date 8/9/52 *Payee George W. Snyder and George W. Snyder, Jr.

Per Glenn Gardner Title Auditor

*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:

$2058.10

Lloyd L. Norrell
Authorized Certifying Officer

Signature
(Authorized Certifying Officer)

Date AUG 21 1952 Vou. No. SF-DMEA-9

(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. Idn-E322 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date August 11, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date August 12, 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.

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of JUNE 2 1952 Docket No. DMEA 1949X Contract No. Idm E 322

Operator's Name GEORGE W. SNYDER & GEORGE W. SNYDER, JR. Minerals LEAD - ZINC

Address 518 FELT BUILDING - SALT LAKE CITY, UTAH

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	feet	3,203.20	19	3,203.20	19	168.59	130	
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3,203.20	19	3,203.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		913.00		913.00				2,250.00
Initial Rehabilitation and Repairs				245.52				2,000.00
New Buildings, Improvements, etc.								
TOTAL COSTS		4,116.20		4,361.72				

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 8/1/52 Operator George W. Snyder and George W. Snyder, Jr.

Per M. Dahl Title Bookkeeper

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

REMARKS:

(Instructions on reverse)

(For Government use only)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1952

AUG 12 1954

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

July 15, 1952

Mr. H. C. Miller, Regional Director
Defense Minerals Exploration Administration
U.S. Department of the Interior
1012 Flood Building
San Francisco, California

Re: Contract Idm-E 322
PROGRESS REPORT June, 1952

Dear Mr. Miller:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Contract No. Idm-E 322 and covers the period of June 1-30, 1952.

Work in the mines during the month consisted of additional timbering of the back in areas where it was deemed necessary and preparing a skip pocket and chute to more efficiently handle the muck. A total of nineteen feet of advance was made from the zero point under the government participation contract. This zero point is at seventy six (76) feet below the upper tunnel track level and is marked by a track spike in the timber. Conditions in the mines are such that at present it is possible to get a round in and out per shift worked, and evidence points to the fact that substantial advance will be made during the month of July.

Costs have been rather heavy for June, but it has been the policy of the company to buy timber and supplies in advance of actual month to month needs, thus saving considerable expense on cost, freight, and time. While this item seems high for the month, the overall supply cost will remain well within the alloted amount. All work was accomplished without undue difficulty and costs have been held to a minimum.

We trust this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III

M. C. Godbe III - Engineering Dept.

MCG/md

June 14, 1952

Mr. H. C. Miller
Regional Director
Defense Minerals Exploration Administration
Department of the Interior
1012 Flood Building
San Francisco 2, Calif.

Refer to contract Idm-E322
Progress Report May 23-31, 1952

Dear Mr. Miller:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Contract, No. Idm-E322, and covers the period of May 23-31, 1952.

On May 23 of this month rehabilitation and preparation work under the contract was begun. Some retimbering was done in the winze to make working conditions as safe as possible for the men. Pumping of the winze was performed and a setup to allow the pump to be carried down with the footage advance in the winze.

All work was accomplished without undue difficulty and costs have been kept to a minimum.

We trust this information is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

M. C. Godbe III, Engineering Dept.

MCGIII/wm

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1952 Docket No. DMEA 1949X Contract No. Idm-E322

Operator's Name George W. Snyder, & George W. Snyder, Jr. Minerals Lead-Zinc

Address 518 Felt Building, Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		245.52		245.52				2,000.00
New Buildings, Improvements, etc.								
TOTAL COSTS		245.52		245.52				2,000.00

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

Date 4/14/52 Operator UNITED MINERALS CORPORATION

Per Guy Snyder Title Secy

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

REMARKS:

(Instructions on reverse)

(For Government use only)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
[illegible]
APR 4 1952

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

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1952 Docket No. DMEA 1949X Contract No. Idm-E322
Operator's Name George W. Snyder & George W. Snyder, Jr. Minerals Lead-Zinc
Address 518 Felt Building, Salt Lake City, Utah
Contract Amount, $13,897.00 Government Participation: 50 % Amount, $7,794.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	149.63		149.63			
Supervision	13.89		13.89			
Technical Services	50.00		50.00			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	32.00		32.00			
(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	245.52		245.52			

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

Date 6/14/52 *Payee UNITED MINERALS CORPORATION

Per Geo. Snyder Title Sec'y

*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:

$ 122.76

Lloyd L. Norvell
Authorized Certifying Officer

Signature
(Authorized Certifying Officer)

Date JUL 22 1952 Vou. No. 57-DMEA-2

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E322 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date June 23, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date July 28, 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.

U. S. GOVERNMENT PRINTING OFFICE 205675

A. C. Johnson, Chief, Mining Div., Reg. III July 15, 1952

L. F. Muller, Mining Division, Region III

Lucky Strike Mine - Contract Idm-E322

The Lucky Strike mine of United Minerals Corporation was visited on July 11, 1952 by an engineer of the Bureau of Mines in connection with contract Idm-E322.

As stated in the contract, work is to consist of sinking an additional 130 feet on the winze, and drifting and crosscutting 300 feet from the depth reached by the shaft. The contract was approved on May 23, 1952, and at that time the shaft had reached a depth of 76.5 feet, according to the operators. From this point, shaft work had progressed 41.5 feet on contract at the time of examination. Average daily progress for the 41.5 feet has been 2.5 feet.

Minor amounts of sphalerite were observed in the shaft bottom at the depth reached.

Murray Godbe is in charge of geology and engineering, Glenn Johnson is superintendent, and Ed Lauritzen is forman on the project. The labor is detailed on the contract as:

2	miners	@	$15/day
1	hoistman	@	$15/day
1	cager-topman	@	$15/day
2	trammers	@	$14/day
1	supervisor	@	$400/month
Engineering and office work		@	$200/month

However, shaft work is subcontracted to two miners and 1 hoistman-trammer at the total rate of $35.00 per foot with a $16/day minimum guarantee per man. Supervision is divided between Johnson and Lauritzen. The two trammers and one cager-topman are not employed at present. According to Godbe, these men will be added when the drifting-crosscutting work commences or as the need arises in the shaft work.

The operating equipment to be purchased, 1 tugger hoist and 2 drills, has not been obtained to date.

The initial rehabilitation and repairs reported on the May MF-104, MF-104a forms (April 1952) for the amount of $245.52 was erroneously distributed on the MF-104 form. This was called to the attention of Godbe, who in turn is to advise Guy Snyder, secretary, of the need for a correct June reporting. Aside from bookkeeping error, the rehabilitation item is also faulty from the standpoint of close adherance to contract.

This work consisted of shaft timber repair, pumping and building pump setup while the only rehabilitation allowed is for building construction.

Some building rehabilitation has commenced and will be reported on the June MF-104.

An amendment of the contract to sanction the above subcontracting and rehabilitation should be considered immediately.

L. F. Muller

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