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

500

August 4, 1958

MEMORANDUM:

To: Mr. Wingfield H. 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-3112	Idm-E651	Centrida Mines, Inc.
DMEA-432	Idm-E1	Mines Management, Inc.
DMEA-81	Idm-E18	United Minerals Corporation
DMEA-1166	Idm-E76	American Zinc, Lead & Smelting Co.
DMEA-390	Idm-E63	Highland-Surprise Cons. Mining Co.
DMEA-125	Idm-E81	Bennett Mining Company
DMEA-981	Idm-E88	Idaho Mining Company
DMEA-525	Idm-E137	Spokane Mining Syndicate
DMEA-1877	Idm-E155	William Mulcahy
DMEA-652	Idm-E177	South Mt. Mining & Concentrati
DMEA-1596	Idm-E184	Nabob Silver-Lead Company

DMEA-2166	Idm-E208	Farmer Mine Enterprises
DMEA-1959	Idm-E223	Wylie M. Gardner and L. R. Vance
DMEA-2123	Idm-E228	Pacific Northwest Mining Company
DMEA-1831	Idm-E242	William Soren
DMEA-1175	Idm-E251	Amador Mining Company (assignee of Kootenay Copper Mines)
DMEA-1894	Idm-E266	Buehman, Brecken and Norden
DMEA-2213	Idm-E294	Elmer Enderlin
DMEA-2388	Idm-E301	American Zinc, Lead & Smelting Co.
DMEA-2269	Idm-E308	Mines Management, Inc.
DMEA-2420	Idm-E380	Hypothesk Mining & Milling Co.
DMEA-2237	Idm-E421	Signal Mining Company
DMEA-2637	Idm-E475	Golconda Lead Mines
DMEA-2862	Idm-E482	Spokane-Idaho Mining Co.
DMEA-2612	Idm-E489	Granore Company (assignee of Index Mining Company)
DMEA-2929	Idm-E587	Grandview Mines
DMEA-3142	Idm-E644	Howe Sound Company
DMEA-3288	Idm-E667	Alaska Copper Mines, Inc.
DMEA-3664	Idm-E819	Highland-Surprise Cons. Mining Co.

W. R. Griswold

WRG/dl 8-4-58
cc to: Dockets (28)
Admr. R. File
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

January 30, 1958

Memorandum

To: Wingfield M. Chamberlain, Statistics Branch
Division of Operation Control & Statistics

From: Director, Division of Base Metals

Subject: Semi-annual Reports on certified projects
Period - July 1 thru December 13, 1957

The following projects were inactive during the reporting period:

DMEA No.	Contract No.	Name of Operator
49	E150	Commonwealth Lead Mining Co.
81	E18	United Minerals Corporation
525	E137	Spokane Mining Syndicate, Inc.
1166	E76	American Zinc, Lead & Smelting Co.
1831	E242	William Seren (assignee of C. O. Davis)
2862	E482	Spokane-Idaho Mining Company

W. R. Griswold

WRGriswold:ms 1/30/58
Copies: Dockets as above
chron

8623

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

August 23, 1962

Re: DMEA-81 (Lead-Zinc)
United Minerals ~~Reserve~~ Corporation
Homestake Mine
Blaine County, Idaho
Contract Idm-E18

Mrs. Anna B. Ditter

Twin Falls, Idaho

The property held by Mrs. Anna B. Ditter, deceased, was distributed to Mr. Lester T. Ditter, her only son. Mr. Ditter died and left his property to his wife, Mrs. Angela Ditter. Mrs. Ditter is also dead and this bank is executor of her estate. Her heirs are three minor sons.

TWIN FALLS BANK & TRUST COMPANY

by William H. Baker Trust Officer

Dear Mrs. Ditter:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This is with reference to the Landlord's Subordination Agreement signed by you June 12, 1951. We need this information to permit us to release the Government's lien against production from the property.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

See letter Sept. 12, 1962 of Twin Falls Bank & Trust Company and memo to Mr. MacLaren prepared Sept. 18 re demand for royalty and settlement sheets

MME Form 63
Revised 3-62

DMEA-81
Idm-E18

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since December 11, 1961 and up to June 22, 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since December 11, 1961 and up to June 22, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and 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		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

August 23, 1962

Re: DMEA-81 (Lead-Zinc)
United Minerals ~~Reserve~~ Corporation
Homestake Mine
Blaine County, Idaho
Contract Idm-E18

Mr. and Mrs. Lester T. Ditter

Twin Falls, Idaho

Dear Mr. and Mrs. Ditter:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This is with reference to the Landlord's Subordination Agreement signed by you June 12, 1951. We need this information to permit us to release the Government's lien against production from the property.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 17 1962

DATE	INITIALS	CODE

See letter Sept. 12, 1962 of Twin Falls Bank & Trust Company and memo to Mr. MacLaren prepared Sept. 18 re demand for royalty and settlement sheets

MME Form 63
Revised 3-62

DMEA-81
Idm-E18

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since December 11, 1961 and up to June 22, 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since December 11, 1961, and up to June 22, 1962, has there been any production from the land subject to the contract? Yes ☒ No ☐

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

	Quantity	Value
The Bunker Hill Company P. O. Box 29, Kellogg, Idaho	41580 lbs	2092.54

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

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name William H. Dakas Title Trust Officer, Twin Falls Bank & Trust Company

Address P. O. Box 7, Twin Falls, Idaho Date September 12, 1962

4511

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

OFFICIAL BUSINESS

Office of Minerals Exploration
Washington 25, D. C.

RETURNED TO WRITER
REASON CHECKED
Unclaimed
Refused
Insufficient address
Moved, Left no address
No such post office

POSTAGE AND FEES PAID
DEPARTMENT OF THE INTERIOR

NOT FOR R R NO.

Returned
one of 3 Form 63
sent out 8/23/62
Regretting form
supplied 6/22/62

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

August 23, 1962

Re: DMEA-81 (Lead-Zinc)
United Minerals Reserve Corporation
Homestake Mine
Blaine County, Idaho
Contract Idm-E18

Mr. and Mrs. Alfred F. Donavan

Grandview, Washington

Dear Mr. and Mrs. Donavan:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

This is with reference to the Landlord's Subordination Agreement signed by you June 12, 1951. We need this information to permit us to release the Government's lien against production from the property.

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

DMEA-81
Idm-E18

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since December 11, 1961 and up to June 22, 1962, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☐

2. Since December 11, 1961 and up to June 22, 1962, has there been any production from the land subject to the contract? Yes ☐ No ☐

   A. If so and it was shipped, give quantity, value, and 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		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☐

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name _____ Title _____

Address _____ Date _____

4511

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

From: Field Officer, OME, Region I
So. 157 Howard Street
Spokane 4, Washington

Concerning:
Docket No. DMA-81 Idm-E18
Property Homestake Mine
Location Blaine County, Idaho

Date: December 7, 1961

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 22 1961

DATE	INITIALS	CODE
		110
12/22	[illegible]	800
12/26	[illegible]	500
		220

United Minerals Corporation
% George W. Snyder, Jr.
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 ~~[illegible]~~ two copies to this office with copies of any pertinent documents.

Donald R. MacLaren
Donald R. MacLaren
Acting Field Officer, OME, Region I

1. Since Oct. 1, 1952, 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. Yes [X] No [ ]

The property owners granted a second or top lease to other persons and litigation appears probable

2. Since Oct. 1, 1952, has there been any production from the property?* Yes [ ] No [X]

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	None	
Concentrates		Tons	None	
Other		Tons	None	

Submitted by:

Name George W. Snyder Title Pres.

Address Felt Bldg, Salt Lake City, Utah Date 12/11/61

MME Form 63 8-60 * Property means land subject to the contract. 79340-60

RECEIVED
DEC 15 1961
U. S. G. S.
SPOKANE, WASH.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 27 1958
DATE | | | COPY
1/28 | C | 220
1/28 | Cdm | 100
500

Reporting period:	July 1 to December 31, 1957
Date of exam:	December 11, 1957
Operator:	United Minerals Corporation Felt Building Salt Lake City, Utah
Mine name:	Homestake
County and State:	Blaine County, Idaho
Docket number and commodity:	DMEA-81 (lead-zinc) G
Contract number:	Idm-E18

Property inactive. No change in royalty status since report of January 1 to June 30, 1956.

No work has been done at the Homestake mine since the last inspection on June 11, 1957, according to Mr. Walter Hulit, Ketchum, Idaho, a former employee of the Homestake mine.

Signed: Wm. M. Romischer (Engineer)

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
USBM (2)

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date 7/11 61

Referred to:

1. ~~Mr. Mittendorf~~
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. closed down

2.

3.

4.

and take appropriate action.

- - - - - - - - -

Action taken by Divisions

Robert E. Adams

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: January 1 to June 30, 1957 Date of exam: June 11, 1957

Operator: United Minerals Corporation, Felt Building, Salt Lake City, Utah

Mine name: Homestake

County and State: Blaine County, Idaho

Docket number and commodity: DMEA-81 (lead-zinc)

Contract number: Idm-E18

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 11 1957

DATE	INITIALS	CODE
7/11	P.	220
11	Com	100
		500

Project inactive. No change in status since report of January 1 to June 30, 1956.

Although no work has been done and the buildings are in a state of disrepair, several hundred feet of roadwork and switchbacks have recently been completed. Local inquiry revealed that this was done as assessment work on the claims.

Signed: D. D. Walker (Engineer)

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
USBM (2)

RECEIVED JAN 22 1957 DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: July 1 to December 31, 1956 Date of exam: Dec. 12, 1956

Operator: United Minerals Corp., Felt Building, Salt Lake City, Utah

Mine name: Homestake

County and State: Blaine County, Idaho

Docket number and commodity: DMEA-81 (lead-zinc)

Contract number: Idm-E18

Project inactive. No change in status since report of January 1 to June 30, 1956.

Signed: D. D. Walker (Engineer)

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
USBM (2)

[illegible]

Date JUL 1 3 1956

Referred to:

1. ~~[illegible]~~
2. Mr. Lohmann
3. ~~Mr. [illegible]~~
4. Docket Control Mails and Files
5. Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. Bad deal!

2.

3.

4.

and take appropriate action.

- - - - - -

Action taken by Division:

Initials

18

JUL 1 R

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: January 1 to June 30, 1956 Date of exam: May 25, 1956

Operator: United Minerals Corp., Felt Building, Salt Lake City, Utah

Mine name: Homestake

County and State: Blaine County, Idaho

Docket number and Commodity: DMEA-81 (lead-zinc)

Contract number: Idm-E18

Date of contract: June 22, 1951

Date of certification: January 8, 1954 (per Amend. No. 6)

Expiration date of royalty payments: June 22, 1962

Total amount of contract: $104,000.00

Total expenditures under contract: $ 37,806.31 *

Amount of Government participation at 50%: $ 18,903.15 *

*Subject to change. See Administrator's letter to Operator dated 4/16/56.

Royalty payments this period: none

Previous royalty payments: none

Total royalty payments to date: none

Percent Government participation repaid: none

Royalty due on production to date: none

Royalty remarks: none

Original estimate of reserves
(from final Engr.-Geol. report): Not calculated. The estimated reserves reported by the Operator in his application are:

Description	Type	Tons	Weighted average assay Ag oz.	Pb %	Zn %
Reasonably assured	Oxides	8,375	6.5	3.6	23.1
" "	Sulfides	1,300	2.8	2.0	11.1
Probable	Oxides	11,140	4.9	3.1	25.4
"	Sulfides	2,680	3.5	3.9	9.8

Increase (or decrease) of reserves by work performed subsequent to original and last Field Team estimates: none

Revised estimate of reserves: none

Production this period: none

Amount of previous production (since date of contract): none

Total DMEA production to date: none

Percent of revised reserves mined: none

Production remarks:

Snow conditions made it impossible to visit the property. Local inquiry revealed that no work has been done on the property since the DMEA project was terminated.

Other remarks:

none

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
USBM (2)

Signed: A. L. Service (Engineer)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 9 1956

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period: July 1, 1955 to December 31, 1955

Docket No.: DMEA-81
Contract No.: Idm-E18

Operator: United Minerals Corporation (formerly United Mineral Reserve Corp.), Felt Building, Salt Lake City, Utah

Commodity: Lead-zinc

Mine name: Homestake

County: Blaine
State: Idaho

Date of contract: June 22, 1951

Date of certification: January 8, 1954 (per Amendment No. 6)

Expiration date of royalty payments: June 22, 1962

Date of examination for this report: No examination

Total amount of contract: $104,000.00

Total expenditures under contract: $ 37,806.31

Amount of Government participation at 50%: $ 18,903.15

Royalty payments this period: none

Previous royalty payments: none

Total royalty payments to date: none

% Loan repayment completed: none

Amount of royalty due: none

Royalty remarks:

Original estimate of reserves
(from final Engr.-Geol. Report): Not calculated

Increase (or decrease) of reserves
by work performed subsequent to
expiration or termination of
contract: none

Revised estimate of reserves:

Production this period (ore or concentrates): none

Amount of previous production (since date of
contract): none

Total DMEA production to date: none

% of revised reserves mined:

Production remarks:

Snow conditions made it impossible to visit the subject property. No further work has been done on the property since the project was terminated; therefore, there has been no production subject to Government royalty.

Other remarks: (Investments, etc.)

Signed: A. L. Service (Engr.)

Distribution:
DMEA (4)
USGS (2)
USBM (AD)
USBM (2)

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

[illegible]
[illegible] 2, [illegible]
[illegible] 1, [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

General

[illegible]

Inspection and Inventory

[illegible]

[illegible]

[illegible]

1 set of chain falls
20 pieces of 20-16 rail - 20 ft.
5 pieces of 2-1/2" pipe - 16 ft.

An inventory of the equipment, installations and supplies at the property is as follows:

Equipment

10	27 cubic foot end dump mine cars
1	750 gal. oil storage tank
1	Forge blower- hand driven
1	3/4 ton, 36-in. ga. mine skip- installed at winze
1	I-R air tugger, #A 1241 " " "
1	Water pressure tank, 20 gal. " " "
1	Air receiver, 3 ft. dia. 6 ft. long " " "
1	Coleman water heater, 20 ga.
1	Anvil
1	Hand vice

Supplies

Rail 14 - 20 ft. lengths - 20 lb.
Pipe 100 ft. of 2-1/2"
200 ft. of 1"
Stulls - 160 - 16 ft. 6-10 in.
Misc. mine and mill timber - 2,000 board feet
Wheelbarrow
Oil stove
Bed and cot
100 Ties - 4 in. x 4 in. x 3-1/2 ft.
20 pieces 2 x 8 in. sinking standpipes
350 ft. 10" fan pipe
250 ft. 8" fan pipe
10 ft. 2-1/2" bull hose

Buildings

1 54 ft. x 16 ft. frame building, single sheathed, tar paper covered and roofed, concrete floor.
1 18 ft. x 56 ft. building rehabilitated; same construction as above.

Salvage

The above physical inventory of items at the project indicates that there is relatively little remaining at the mine from which the Government's equity in salvage might be obtained.

Approved costs on the October 1952 [illegible]-10[illegible] wherein an equity in salvage is to be considered are for the categories tentfollow:

Operating Materials and Supplies	
Timber	$2,640.53
Explosives	1,366.54
Pipe	252.61
Track	46.[illegible]
Other supplies	3,184.[illegible]
Operating Equipment	
Rental (In part rental purchase)	11,1[illegible]2.07
Purchase	4,513.6[illegible]
New Buildings, Improvements, Etc.	1,275.2[illegible]

The few work units, drift [illegible]5 feet and winze [illegible] feet, completed under the project suggests that only a little depletion and depreciation may be attributed to the project work. Timber in the above list cost $2,640.53 and the existing supply has an approximate value of $[illegible].00, indicating that $1,840.00 worth of timber had been used on the property. The timber supply cost would be high ($5.25/ft.) if this is true, but there is nothing to suggest that any part of the timber supply has been removed.

The powder magazine at the property was locked, but $1,366.54 of approved cost for explosives is suggestive that there should be a portion of this supply remaining that could reasonably be worth $400.00 to $450.00. The explosives cost should not have been high in the fault zone where most of the project work was advanced. A rather high cost per foot could have been $5.00 which would have totaled $920.00 (5'x184) for the cost of explosives actually used.

Pipe was submitted for an approved cost of $252.61 and this amount is probably the true cost of the pipe installed and on hand at the mine.

Track was submitted for an approved cost of $46.[illegible] which is much less than the worth of the track installed or the rails on hand. Evidently the Operator used track from other parts of the mine.

Other supplies costing $3,18[illegible].[illegible], includes fuel, lubricants, and other items which were not detailed on audits or invoices. A complete accurate analysis of the individual items in this category is difficult, but fuel and lubricants will total about $[illegible], and

repairs and parts will total over $600.00. Hose, 3/4 inch, 50 ft., $54.60 and 1 inch, 50 feet, $48.20, as well as the wire reinforced hose for the mucking machine could not be found at the property. These and other items such as drill steel have probably been removed for safe keeping.

Rental Purchase Equipment

Accepted cost for $11,142.97 is the amount charged to Operating Equipment-- Rented, and a significant amount of this was paid on equipment items used under rental purchase agreements. The pieces of equipment so rented and the amounts paid are as follows:

Simco Rockershovel	1 @ $258.00 month	1,290.00
" Air locomotive	@ 196.00 month	980.00
Joy 315D Compressor	@ 470.00 month	6,168.95
		$8,438.95

The above totals would indicate that an appreciable credit towards the purchase of these items had been completed jointly by the Operator and the Government.

Operating Equipment Purchased

The total accepted amount for equipment purchased was $4,913.60. In addition to the items now at the mine there were jointly purchased items removed for safe keeping or to be used elsewhere as follows:

1	Atlas rock drill #431455 with lubricator, hoses, and pusher attachment	$913.00
1	30 inch Cate scraper	175.00
1	Pneumatic saw	362.00
1	Atlas rock drill #432350 with lubricator, hose set and pusher	435.00
1	Set of chain falls	50.00
1	Welding outfit	124.50
2	Timber trucks	75.00
1	Set mule harness	79.20
1	J-40 Jackhammer #670126 I-R	345.00
1	J-48 I-R Stoper #673354	670.00
1	6 x 4 x 6 McCowan Sump Pump	250.00
1	J 40 I-R Jackhammer #669421	345.00
2	J40 I-R Jackleggs	390.00

The above named equipment was used very little at the project so that a Government equity exists in these items at nearly 50 percent of the amount charged to the contract. Nevertheless, equipment purchasers will not take them as new and there is the costs of liquidating if the Government attempts the sale of such equipment.

A reasonable salvage value for the Government's equity for the categories above discussed is estimated as follows:

Item	Cost on AF-104s	Suggested Salvage Value Remaining	Suggested Value of Govt. equity
Timber	$2,640.53	$ 800.00	$ 320.00
Explosives	1,366.54	450.00	200.00
Pipe	252.61	125.00	60.00
Track	46.00	40.00	20.00
Other Supplies	3,184.92	1,200.00	400.00
Operating Equipment-Rental Purchased	8,438.95	6,300.00	3,000.00
Equipment Purchased	4,513.60	3,600.00	1,440.00
New Bldgs. & Improvements	1,275.28	650.00	300.00
Total salvage value for Government's equity			$5,740.00

It is suggested that the Government accept any offer from the Operator which equals or exceeds $5,000.00 for its equity because the cost of assembling and disposing of the items to other parties would probably be enough to reduce the net well below $5,000.00.

V. E. Johnson

cc: Orig. & 3 cys - Wash.
USCB (2)
DMEA
~~H/P~~ auditor
AD
VEJ:jp

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

1201 N. Division St.
Spokane 2, Washington
May 20, 1954

Griswold
Belly

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of access conditions, United Minerals Reserve Corp., Homestake property, Blaine County, Idaho, Contract Idm-818, Docket No. DMEA 81 (lead-zinc)

The sixth amendment to the subject contract authorized a suspension of operations to May 1, 1954. The area was visited on May 3 to determine if the property was accessible.

About 18 inches of ice-like snow covered the road for a distance of one mile from the portal. There were no tracks or other indications that any one had visited the area recently. It is believed that two days work with a bulldozer would be sufficient to open the road.

If the Operator does not express some interest or undertake some project activity in the next few weeks, it is recommended that this project be terminated either by mutual agreement or unilateral action. There has been no project work done since October 1952.

V. Z. Johnson

Orig. & 3 cys--Wash.
USGS (2)
DMAA
M/D
AD
VZJ/ho

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

October 21, 1953

Probable termination

Memorandum

To: DMEA Field Team, Region II

From: Thor H. Kiilsgaard, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-81 (lead-zinc), Inspection of United Minerals Reserve Homestake property, Blaine County, Idaho, Contract No. Idm-E18.

I examined the Homestake property on October 14, 1953. No one was working at the mine at the time of the visit. Purpose of the examination was to map the geology of work completed since my last visit in September 1952, and to take an inventory of equipment and supplies at the property in which the Government has an equity.

The Operator previously reported an advance of about 20 feet in the No. 6 tunnel during October 1952, and that a strong water course had been intersected beyond which the lead-zinc ore was less oxidized. My measurement, however, showed an advance of only 8 feet since October 1, 1952, with no change in the structure or mineralization encountered during this distance. At the No. 6 tunnel face, the Homestake vein remains strong, having an aggregate thickness of about 3 feet. About 1.5 feet of the vein is composed of buff-colored, oxidized, siliceous and calcareous matter in which are minor quantities of lead-zinc ore; a sample was taken across this section of the vein.

No advance has been made in the winze driven from the No. 6 tunnel or in any other project work since 1952.

An inventory of equipment at the property disclosed the following:

10	27 cubic foot mine cars, 18" ga., end dump
1	750 gal. oil storage tank
1	Set of chain blocks
1	Forge blower, hand driven
1	Mine skip, 3/4 ton, 36" ga. (skip is hanging in the winze)
1	Coleman water heater, 20-gal.

1 Ingersoll-Rand air hoist, model HU (emplaced at head of winze)
1 Anvil
1 Hand vice
1 Water pressure tank, estimated 20 gal. capacity (emplaced near head of winze)
1 Air receiver tank (emplaced near head of winze)

The following supply items were noted at the property:

9 Pieces of pipe, 2-1/2" x 16'
38 Pieces of 20 lb. rail, odd lengths, used
10 Pieces of pipe, 1" x 12'
154 Logs, 8" x 16'. The logs are peeled, weather-checked, and quite crooked. They could be used only for mine timber. The logs contain an estimated 5,000 board feet of lumber.

Unmeasured supply of used 3" planking and dimension lumber, probably intended for use as lagging. A rough estimate of this lumber would be 1,000 board feet.

The following building has been constructed for the project:

1 54' x 16' log frame building at the portal of No. 6 tunnel. The building is single sheathed, tar paper covered and roofed, with a concrete slab floor. The building is partitioned as follows:

Compressor room	24' x 16'
Change room	24' x 16'
Warehouse room	10' x 16'

An adjoining 18' x 56' building has been repaired. This building has been used as a storehouse, blacksmith shop, and portal shed.

The contract was previously amended to extend the expiration date for one year or until June 22, 1954, to permit time for the Operator to complete project work. As no work will be done this year and as it will be late May or early June of next year before the property is again accessible, it will be impossible for the Operator to complete the project by this extended expiration date.

Inasmuch as the project has been conducted very slowly and expensively, and as it is now obvious that work will not be completed by the expiration date (assuming that work is resumed), it is recommended that the contract be terminated by mutual agreement. In the event the Operator will not sign a mutual termination agreement, it is recommended that the Government terminate the contract because of failure of the Operator to conduct work pursuant to contract terms.

The Homestake mine has not been adequately explored by the Operator and there remains some interesting exploration possibilities; however, in view of the Operator's heretofore poor performance of work, and in view of the uncertainty of his ever completing the project, it is believed that it would be to the Government's interest to terminate the project at this time.

Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Kiilsgaard

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

1201 N. Division St.
Spokane 2, Washington
July 13, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Visit to United Minerals Reserve, Inc. Project, Blaine County, Idaho, Contract Idm-E18, Docket No. DMEA 81 (lead-zinc)

The project was visited on July 3, 1953 and although the road had been dry for about two weeks there had been no activity yet this season. There will be very little seasonal repairs required for the access road or project buildings.

A 315 cfm compressor rented for the project has been removed since the inspection of October 30, 1952.

Contract items completed to date are winzing - 89 feet; drifting 95 feet (No. 6 level), and drift rehabilitation No. 6 level $5,656.75. Current operating season has scheduled the continuation of No. 6 level drifting and trenching in the Long Grade claims.

V. Z. Johnson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
VZJ/he

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

1201 North Division Street
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 0 1952

November 7, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of United Minerals, Homestake Exploration, Blaine County, Idaho, Contract Idm-E18, Docket No. DMEA 81 (lead-zinc-silver)

The mine was deserted when visited on the morning of October 30, 1952. The buildings and equipment were prepared for winter recess.

The face of the drift on the No. 6 level has been advanced only eight feet since the previous inspection on October 1, 1952. There was practically no noticeable change in the vein or mineral content. There is less overbreak than that which occurred in previous rounds. New advance averaged 8 x 10 feet in cross section.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 - Wash.
USGS - 2
DMEA
M/D
VZJ/vf

(Rev.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Wash

DEPARTMENT OF THE INTERIOR Budget Bureau No. 42-R1036.3. Approval expires 6-30-53. Defense Minerals Administration RECEIVED DEC 19 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 81 Contract No. 18

Operator's Name United Minerals Corporation Minerals Lead & Zinc

Address 518 Felt Building, Salt Lake City, Utah

Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000.00

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:						Keating Betty
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	138.70	10,774.47	10,913.17	138.70	10,697.19	10,835.89
Supervision & Technical	140.00	9,565.18	9,705.18	140.00	9,441.84	9,581.84
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		2,640.53	2,640.53			
Explosives		1,366.54	1,366.54			
Pipe		252.61	252.61			
Track		46.00	46.00			
Other Supplies		3,331.12	3,331.12		3,184.92	3,184.92
(4) Operating Equipment:						
Rental	924.00	10,218.87	11,142.87			
Purchase		4,513.60	4,513.60			
Depreciation	13.15	79.15	92.30			
(5) Initial Rehabilitation and Repairs		2,104.22	2,104.22			
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28			
(7) Miscellaneous:						
Repairs to Equipment	14.02	869.26	883.28			
Sampling and Analysis						
Payroll Taxes	63.79	1,811.50	1,875.29	63.79	1800.46	1864.25
Liability Insurance						
Other		160.45	160.45			
(8) Contingencies (specify): Trans. of Equipment		167.38	167.38			
TOTALS	1,293.66	49,176.16	50,469.82	1293.66	48,818.30	50,111.96

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

Date 11-15-52 *Payee United Minerals Corporation

Per Glen G. 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:

$ 646.83

Signature (Authorized Certifying Officer)

Date 12/11/52 Vou. No.

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E 18 in accordance with the terms of the contract.

Signature Verdi B. Johnson Title Mining Engineer Date Nov. 18-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

/S/

Signature Thomas E Howard Title Min Engr. Date 11-18-52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

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
DEC 18 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 195 2 Docket No. DMEA 81 Contract No. 18
Operator's Name United Minerals Corporation 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		1,293.66	6 ft.	13,011.56	95'	136.96		
Crosscutting								
Raising								
Shafts								
Winzes				18,324.88	89'	205.80		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other - Rentals, etc.				5,327.70				
TOTAL DISTRIBUTED COSTS		1,293.66		36,664.14				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,513.60				12,616.00
Initial Rehabilitation and Repairs				9,292.08				8,620.25
New Buildings, Improvements, etc.								
TOTAL COSTS		1,293.66		50,469.82				21,236.25

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 United Minerals Corporation

Per Glen G. 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.

GPO 83-38475

UNITED MINERALS CORPORATION
518 FELT BUILDING
SALT LAKE CITY 1, UTAH

November 14, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMEA Field Team, Region II
U. S. Department of the Interior
So. 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-K18
PROGRESS REPORT - OCTOBER, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-K18, and covers the period of October 1-31, 1952.

At the beginning of the month it was possible to gain one additional round from the face of the 600 Homestake drift before an integral part of the compressor failed, thus cutting off compressed air. Although the Operator had several replacements and repair parts on hand for the compressor, it was found that one small spring and backing plate were not among the parts as ordered. There was considerable delay while the Operator waited to receive these parts from the factory. In the meantime, certain maintenance work was undertaken. In the main haulage level two sets were replaced and the track and ditch were cleaned up; the upper portals were sealed against weather; the surface water line was disconnected and blown out; and the property was otherwise cleaned up for the year.

At the middle of the month, because of threatening weather, the Operator elected to suspend operations for the winter. As it subsequently turned out the weather remained fair and it was found that operations could have been continued. However, the operator was endeavoring to move out certain major rental items so as not to continue fixed charges against the contract as was necessitated last year. It had been planned last year to remove this equipment, utilize it at other operations and thus defer charges, but before this could be done, an early and heavy snow fall denied access to the property.

The aforementioned advance of six feet in the face evidenced a geological change. The rock is now mostly black, carbonaceous argillite and limestone with the oxidation evidences completely gone from the mineralization. The whole zone is somewhat wet, but no definite water course is now visible. The operator is of the opinion that this water course was responsible for most of the oxidized ore previously noted in this area. There is now about two inches of high grade zinc-lead sulphide ore on the gouge footwall of the structure.

We trust you find this brief summary sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Covey

Harold A. Covey - Vice President

HAC/md

Enclosures

81

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

1201 North Division St.
Spokane 2, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

October 13, 1952

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Inspection of United Minerals, Homestake exploration, Blaine County, Idaho, Docket No. DMEA 81, (Pb, Zn, Ag) Contract Idm-E18.

The inspection was made on October 1, 1952, by Messrs. Thor Kiilsgaard and J. Fuller of the USGS and Messrs. H. T. Reno and V. Z. Johnson of the USBM. Two miners are currently driving the northwest drift and the face was 128 feet beyond the winze inspected.

The winze was advanced to 82 feet depth along the incline of 62 degrees with timbers at 5 feet intervals normal to the incline. At 63 feet depth, a crosscut of 10 feet in length and 4 x 6 cross section has been driven northeast with poor mineralization in the face.

At the present bottom of the winze there is a 12 foot long crosscut S. 65° W.; a short drift northeast and short drift southwest; and a sump. A three foot zone of buff oxides, quartz and gouge was sampled at the winze bottom which should make milling grade ore.

Except for poor installation of sheave block and insufficient head room at the dump, the winze workmanship is satisfactory.

The attitude and nature of the materials in the faulted vein and country rock makes it difficult to avoid excessive overbreak in the drift which is burdened with a costly tram over small rails through a crooked haulway. However, the miners are using only 8 pounds of dynamite per foot of advance with an 18 hole round; so it appears they are doing what they can to avoid overbreak.

Two men are breaking, mucking and tramming a 7 foot round every other day which is fair progress under the circumstances. The

miners contemplate additional winze sinking on a schedule of one shift to muck and one shift to drill and timber with a three-man crew; where-by sinking labor costs will be reasonable.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 Wash. —
USGS (2)
DMEA
M/D
VZJ/vf

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

Wash

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

SUPPLEMENTAL REPORT

Month of September, 1952 Docket No. DMEA 81 Contract No. 18

Operator's Name United Minerals Corporation Minerals Lead & Zinc

Address 518 Felt Building, Salt Lake City, Utah

Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000.00

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	830.60	9,943.87	10,774.47	753.32	9943.87	10,697.19
Supervision & Technical	223.34	9,341.84	9,565.18	100.00	9341.84	9,441.84
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		2,640.53	2,640.53			
Explosives		1,366.54	1,366.54			
Pipe		252.61	252.61			
Track		46.00	46.00			
Other Supplies	146.20	3,184.92	3,331.12	-0-	3184.92	3184.92
(4) Operating Equipment:						
Rental		10,218.87	10,218.87			
Purchase		4,513.60	4,513.60			
Depreciation		79.15	79.15			
(5) Initial Rehabilitation and Repairs		2,104.22	2,104.22			
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28			
(7) Miscellaneous:						
Repairs to Equipment		869.26	869.26			
Sampling and Analysis						
Payroll Taxes	75.66	1,735.84	1,811.50	64.62	1735.84	1800.46
Liability Insurance						
Other		160.45	160.45			
(8) Contingencies (specify): Transp. of Equipment		167.38	167.38			
TOTALS	1,275.80	47,900.36	49,176.16	917.94	47,900.36	48,818.30

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

Date 11-15-52 *Payee United Minerals Corporation

Per Glen A. 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:

$ 458.97

Signature (Authorized Certifying Officer)

Date 12/8/52 Vou. No. (See other side)

*Corrected to September invoice as approved.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E/18 in accordance with the terms of the contract.

/S/ Signature Verle Z. Johnson Title Mining Engr. Date 12/17/52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

/S/ Signature Thomas E. Howard Title Mining Engr. Date 12/17/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 22 1952

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUPPLEMENTAL REPORT

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 195 2 Docket No. DMEA 81 Contract No. 18
Operator's Name United Minerals Corporation 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 Project "A"		1,169.86	51'	11,717.90	89'	131.98		
Crosscutting								
Raising								
Shafts								
Winzes Project B		105.94	0	18,324.88	89'	205.80		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other - Rentals, etc.				5,327.70				
TOTAL DISTRIBUTED COSTS		1,275.80		35,370.48				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,513.60				12,616.00
Initial Rehabilitation and Repairs				9,292.08				8,620.25
New Buildings, Improvements, etc.								
TOTAL COSTS		1,275.80		49,176.16				

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 United Minerals Corporation

Per O. E. Newkirk 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

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

Washington

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1036.3.
Defense Approval Expires 6-30-53

RECEIVED
NOV 3 1952

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

Month of September, 1952 Docket No. DMEA 81 Contract No. 18
Operator's Name United Minerals Corporation Minerals Lead and Zinc
Address 518 Felt Building, Salt Lake City, Utah
Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000

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:						Heating Betty VMK
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Contract Work		149.60	149.60		—	—
(2) Labor and Supervision:						
Labor	830.60	9,943.87	10,774.47	-0-	9943.87	9943.87
Supervision & Technical	223.34	9,341.84	9,565.18	-0-	9341.84	9341.84
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		2,640.53	2,640.53		2640.53	2640.53
Explosives	62.70	1,303.84	1,366.54	62.70	1303.84	1366.54
Pipe		252.61	252.61		252.61	252.61
Track		46.00	46.00		46.00	46.00
Other Supplies	246.37	2,709.56	2,955.93	100.17	3084.75	3184.92
Power		375.19	375.19			
(4) Operating Equipment:						
Rental	1,068.60	9,150.27	10,218.87	1068.60	9150.27	10218.87
Purchase		4,513.60	4,513.60		4513.60	4513.60
Depreciation	13.15	66.00	79.15	13.15	66.00	79.15
(5) Initial Rehabilitation and Repairs		2,104.22	2,104.22		2104.22	2104.22
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28		1275.28	1275.28
(7) Miscellaneous:						
Repairs to Equipment	85.20	784.06	869.26	85.20	784.06	869.26
Sampling and Analysis						
Payroll Taxes	75.66	1,735.84	1,811.50	-0-	1735.84	1735.84
Liability Insurance						
Other		10.85	10.85		160.45	160.45
(8) Contingencies (specify): Transportation of Equipment		167.38	167.38		167.38	167.38
TOTALS	2,605.62	46,570.54	49,176.16	1329.82	46570.54	47900.36

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10/15/52 *Payee United Minerals Corporation
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:

$ 664.91

Signature [illegible]
(Authorized Certifying Officer)

Date 10/27/52 Vou. No.
(See other side)

Individual totals in "Approved Totals Previously Reported" column adjusted to conform with audit report prepared by Mr. Hull through August, 1952.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

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
NOV 5 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 81 Contract No. 18

Operator's Name United Minerals Corporation Minerals Lead and 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		2,400.68	51'	11,717.90	69'	131.98		
Crosscutting								
Raising								
Shafts								
Winzes		195.94	0	10,324.38	69'	204.30		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other-Portals, etc.				5,227.70				
TOTAL DISTRIBUTED COSTS		2,605.62		35,370.46				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,513.60				12,016.00
Initial Rehabilitation and Repairs				9,292.08				8,620.25
New Buildings, Improvements, etc.								
TOTAL COSTS		2,605.62		49,176.16				

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

Date October 15, 1952 Operator United Minerals Corporation

Per Glenn 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 11, 1952

Mr. A. E. Weissenborn, Executive Officer,
BMA Field Team, Region IX
U. S. Department of the Interior
No. 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm - 518
PROGRESS REPORT - SEPTEMBER, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-518, and covers the period of September 1-30, 1952.

Following removal of waste at the station at the bottom of the Homestake 602 Winze, that area was timbered. It is now well caught-up and ready for drift advance northerly or southerly from this elevation pending installation of necessary equipment. Both faces show evidence of mineralization, somewhat oxidized where water has apparently traveled down thru the vein but with an occasional stringer of galena observed.

Work was then directed to advancing the main 600 Drift northerly. Approximately 90 feet of track at the face was lowered to a more gradual grade and switching facilities were completed. The face was then advanced a total of 51 lineal feet during the remainder of the month. By attempting to hold as much of the vein possible for observation, the ground broke larger than was desired. To overcome this while the face is not in commercial ore, it will be driven slightly more into the footwall of the structure.

A section of about twenty-five feet was driven thru which showed fair values. There were stringers of sphalerite and galena and fine disseminations of both thruout the hangingwall limest up to 18 inches of high-grade, mixed oxide-sulfide ore on the footwall gouge and some intermittent quartz and calcite intermixture. At no point was it deemed to be of commercial width or grade over the full face but it might be remembered as a possible point of future exploration by raising on the ore.

Note is made that, altho the total amount of advance is not great, it is believed that it will be found that the direct face costs per foot will not be excessive. Operations were conducted with an extremely limited crew during the

month because of labor troubles noted in previous communications. The only delay during the period was occasioned when a portion of the main haulage track spread, derailed a train knocking out some timber and caused a cave-in which had to be repaired.

We trust you find this brief summary sufficient for your requirements, the enclosures in order and the submittal meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Carey, Vice President

HAC/md

Wash

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.

Reading Copy

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 81 Contract No. 18
Operator's Name United Minerals Corporation Minerals Lead & Zinc
Address 518 Felt Building, Salt Lake City, Utah
Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000

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						
Contract Work		149.60	149.60		149.60	149.60
(2) Labor and Supervision:						
Labor	1,087.59	8,856.28	9,943.87	1087.59	8,856.28	9,943.87
Supervision & Technical	635.88	8,705.96	9,341.84	635.88	8,705.96	9,341.84
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		2,640.53	2,640.53		2,640.53	2,640.53
Explosives		1,303.84	1,303.84		1,303.84	1,303.84
Pipe		252.61	252.61		252.61	252.61
Track		46.00	46.00		46.00	46.00
Other Supplies	235.40	2,474.16	2,709.56	235.40	2,474.16	2,709.56
Power		375.19	375.19		375.19	375.19
(4) Operating Equipment:						
Rental	924.00	7,628.37	8,552.37*	1058.60	8,154.47	9,213.07
Purchase		4,513.60	4,513.60		4,513.60	4,513.60
Depreciation	33.00	33.00	66.00	33.00	33.00	66.00
(5) Initial Rehabilitation and Repairs		2,104.22	2,104.22		2,041.42	2,041.42
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28		1,275.28	1,275.28
(7) Miscellaneous:						
Repairs to Equipment	396.53	387.53	784.06	396.53	387.53	784.06
Sampling and Analysis						
Payroll Taxes	135.09	1,600.75	1,735.84	135.09	1,600.75	1,735.84
Liability Insurance						
Transportation (1346 mi) (10¢)	134.60	463.30	597.90*	-0-	-0-	-0-
Other		10.85	10.85		10.85	10.85
(8) Contingencies (specify):						
Transportation of Equip.		167.38	167.38		167.38	167.38
*Should be totalled under caption (4) "Rental"						
TOTALS	3,582.09	42,988.45	46,570.54	3,582.09	42988.45	46,570.54

3,582.09 46,570.54

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

Date 9/14/52 *Payee United Minerals Corporation

Per Glen A. Gardner Title Auditor

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

$ 1791.05

Signature [illegible]
(Authorized Certifying Officer)

Date 10-10-52 Vou. No.
(See other side)

*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)

OCT 2 1952

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form [illegible]-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 1952 Docket No. DMEA 81 Contract No. 18
Operator's Name United Minerals Corporation 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		3,582.09	38	9,218.22	38'	242.58		
Crosscutting								
Raising								
Shafts								
Winzes				18,218.94	89'	204.71		
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other - Rentals, etc				5,327.70				
TOTAL DISTRIBUTED COSTS		3,582.09		32,764.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				4,513.60				12,616.00
Initial Rehabilitation and Repairs				9,292.08				8,620.25
New Buildings, Improvements, etc								
TOTAL COSTS		3,582.09		46,570.54				21,236.25

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

Date Sept 14, 1952 Operator United Minerals Corporation

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

UNITED MINERALS CORPORATION
518 FELT BUILDING
SALT LAKE CITY 1, UTAH

September 10, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-K18
PROGRESS REPORT - AUGUST, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-K18, and covers the period August 1-31, 1952.

Just above the bottom of the Homestake 602 Winze the vein was found to flatten somewhat and then plunge steeper beyond the face as was noted in the report filed last month. Therefore, a cross-cut was driven into the hanging wall to ascertain the position of the fissure in relation to the winze. The apparent foot-wall of the structure was encountered at a point approximately 5 feet to the southwest and the cross-cut was driven a total of 17 feet without encountering any definite hanging-wall of the structure. The ground was mostly contorted, black, calcareous shale with some calcite stringers. It was necessary to take off the brow between the cross-cut and the winze before timbering was done for station which now has been accomplished. Some little mineralization was noted in this overhead section that was allowed to come in. The grade thereof did not seem to warrant sampling.

From this station area in the winze, drifting was accomplished northerly for a total of 7 lineal feet from the side of the winze. This may be used for installation of a tugger for the proposed work in the vein back to the south. The drifting south was driven for a distance of 7.5 feet from the winze within the vein. At the moment of this writing, further advance to the south is held in abeyance pending delivery of a new tugger ordered approximately two months ago.

A small amount of work was directed toward advance of the main No. 6 tunnel of the Homestake on the vein on a double-track width for a distance of 6.5 lineal feet. This work was accomplished during the early part of the period and was curtailed because it was felt by the operator that proper yield from labor was not being realized. Although it pertains to the following period, it may be noted that work has currently been resumed in

this heading on a single track basis and a better rate of advance as against the labor cost, is anticipated. For the most part, the rock consists of limestone with occasional disseminated fine-grained sphalerite against the hanging-wall; this underlaid by a crushed, brownish, quartzitic section and under this same black, calcareous argillite with stringers of quartz and calcite. Based on past experience, this present geological sequence now appearing in the face of the drift may be regarded as usually favorable for ore deposition.

We trust this brief summary is sufficient for your requirements and meets with your approval. The mapping will be brought to date and furnished to you in the next period when there should be more advance to be considered.

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Covey

Harold A. Covey - Vice President

HAC/md

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

So. 157 Howard Street
Spokane 4, Washington

DMEA(W)

August 20, 1952

Memorandum

To: A. W. Weissenborn, Executive Officer, DMA Field Team, Region II

From: Elmer G. Killsgaard, Geologist, U. S. Geological Survey, Region II

Dmea 81

Subject: Routine examination of the United Minerals Reserve Corporation property, Blaine County, Idaho, Contract Idm-110 (lead-zinc).

I examined the Homestake mine on August 6, 1952, in company with Mr. Harold Gove, superintendent of the project.

Two phases of the contract were active. The No. 6 level was being advanced to the northwest on the Homestake vein. Work done to date has consisted largely of rehabilitating the end of the level in preparation for drifting. A 30-foot section of the drift has been side-swept and a double track installed for car-switching; the back has also been raised. Work in the heading has not been consistent but has been done at intervals when men were available. The drift is following a strong Homestake vein structure which ranges up to 3 feet in thickness and is comprised of crushed argillite, quartz, calcite, and lesser amounts of oxidized zinc ore and some galena. The presence of a considerable amount of water at the face of the drift, the only appreciable water found thus far on the level, coupled with the occurrence of some galena, indicates that the drift could be approaching the lower limits of the oxidized zone.

The No. 6 level winze, driven on the Homestake vein, is now down 22 feet from the No. 6 level sill. A bulkhead was being put in the winze 5 feet above the bottom and the crew was preparing to drift on the vein to the southeast from this point. This will be a slusher drift with the slusher hauling directly into the skip. It is estimated that 150 feet of drift will be needed to reach the projected location of a raising ore body formerly mined above the No. 6 level. About 15 feet above the bottom of the winze the dip of

the vein [illegible]tons and the vein rocks be [illegible] southwest from the hanging wall of [illegible]. It was therefore suggested [illegible] that one or two rounds of crosscut be driven into the hanging wall at the new drift level to test the position of the vein before drifting commences. This is especially imperative since the drift is to be driven by [illegible]sher and should be as straight as possible.

[illegible]r. Levoy stated that contract work had been hampered by an unexpected amount of rehabilitation work on the No. 6 level. During the early part of the summer the company bought an Ingersoll air trammer to replace the mule formerly used for tramming. However, when the air trammer was put into operation it was found necessary to raise the air line, replace numerous drift posts, and to mend track locally, all of which took more time than had been expected.

[illegible]r. Levoy stated that bulldozing on the [illegible] Creek property will continue in the near future. He also mentioned that a recent cloudburst had washed out portions of the Lake Creek road and asked if the costs for repair of the road could be charged to the project. He was advised to submit the costs, estimated at $150 for bulldozing, as a contingency item in his next monthly progress report.

Thor [illegible] Killingsard

cc: [illegible]
[illegible]
[illegible]

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

Wash

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

Keeling
Betty

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

DEPARTMENT OF THE INTERIOR
Supplemental Administration
July, 1952

Month of July, 1952 Docket No. DMEA 02 Contract No. 10 OCT 1 1952
Operator's Name United Minerals Corporation Minerals Lead & Zinc
Address 510 Felt Building, Salt Lake City, Utah
Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000.00

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						
Contract Work		140.60	140.60		✓	✓
(2) Labor and Supervision:						
Labor		8,856.28	8,856.28		✓	✓
Supervision		8,705.96	8,705.96		✓	✓
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		2,640.53	2,640.53		✓	✓
Explosives		1,303.84	1,303.84		✓	✓
Pipe		252.61	252.61		✓	✓
Track		46.00	46.00		✓	✓
Other Supplies		2,474.16	2,474.16		✓	✓
Power		375.19	375.19		✓	✓
(4) Operating Equipment:		7,435.27	8,154.47			
Rental—per note 1	719.20	7,372.47	8,091.67	✓	✓	✓
Purchase—per note 2	00.00	4,403.60	4,513.60	✓	✓	✓
Depreciation		33.00	33.00		✓	✓
(5) Initial Rehabilitation and Repairs		2,041.42	2,041.42		✓	✓
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28		✓	✓
(7) Miscellaneous:						
Repairs to Equipment		387.53	387.53		✓	✓
Sampling and Analysis						
Payroll Taxes		1,600.75	1,600.75		✓	✓
Liability Insurance						
Other		10.85	10.85		✓	✓
(8) Contingencies (specify):						
Transportation of Supply.		167.30	167.30		✓	✓
TOTALS	719.20	42,239.25	42,958.45	719.20	42,239.25	42,958.45

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

Date 9/15/52 *Payee United Minerals Corporation

Per [signature] 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:

$ 374.60

Signature Wash
(Authorized Certifying Officer)

Date 10-2-52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Supplemental
July, 1952

OCT 1 52

Month of July 195 2 Docket No. DMEA 81 Contract No. 18

Operator's Name United Minerals Corporation 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		601.99		5,636.13				
Crosscutting								
Raising								
Shafts								
Winzes		117.21		18,218.94				
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
				5,327.70				
TOTAL DISTRIBUTED COSTS		719.20		29,182.77				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		30.00		4,513.60				
Initial Rehabilitation and Repairs				9,292.08				
New Buildings, Improvements, etc.								
TOTAL COSTS		749.20		42,988.45				

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 United Minerals Corporation

Per Glen L. 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)

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 MR-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Budget Bureau No. 42-R0033.3.
Approval expires 6-30-53.
RECEIVED
SEP 9 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1952 Docket No. DMEA 81 Contract No. 13
Operator's Name United Minerals Corporation Minerals Lead - Zinc
Address 518 Felt Building
Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000

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						
Contract Work		149.60	149.60		149.60	149.60
(2) Labor and Supervision:						
Labor	1,990.97	6,865.31	8,856.28	1990.97	6,865.31	8,856.28
Supervision & Technical	750.00	7,955.96	8,705.96	750.00	7,928.18	8,678.18
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	263.46	2,377.07	2,640.53	263.46	2,377.07	2,640.53
Explosives	448.28	855.56	1,303.84	448.28	855.56	1,303.84
Pipe	252.61		252.61	252.61		252.61
Track	46.00		46.00	46.00		46.00
Other	201.80	2,272.36	2,474.16	201.80	2,272.36	2,474.16
Power		375.19	375.19		375.19	375.19
(4) Operating Equipment:						
* Rental	1,391.38	6,704.37	7,795.75	454.00	6,234.37	6,688.37
Purchase	569.80	3,923.80	4,493.60	569.80	4,083.80	4,653.60
Depreciation	33.00		33.00	33.00		33.00
(5) Initial Rehabilitation and Repairs		2,104.22	2,104.22		1,961.49	1,961.49
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28		1,275.28	1,275.28
(7) Miscellaneous:						
Repairs to Equipment	304.13	83.40	387.53	304.13	83.40	387.53
Sampling and Analysis						
Payroll Taxes	254.84	1,345.91	1,600.75	254.84	1,340.74	1,595.58
Liability Insurance						
Transp. (24)(2 @ .10)	249.20	214.10	463.30	-0-		
Other		10.85	10.85		10.85	10.85
(8) Contingencies (specify):						
* Transportation of equipment				167.38		167.38
Equip. Adj. Am. #4					(295.00)	(295.00)
TOTALS	6,455.47	36,602.96	43,058.43	5726.27	35,518.20	41,244.47

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8/15/52 *Payee United Minerals Corp
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:

$ 2,868.14

Signature
(Authorized Certifying Officer)

Date 9/4/52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 18 in accordance with the terms of the contract.

Signature Erin G. Erickson Title Engr. Date 8-22-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Title Mining Engr. Date 8/22/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

Budget Bureau No. 42-R151
Approval Expires 3-31-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 9 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1952 Docket No. DMEA 81 Contract No. 19
Operator's Name United Minerals Corporation Minerals Lead - Zinc
Address 510 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	Foot	6,926.50	Separately	5,656.75	0			
Crosscutting								
Raising								
Shafts								
Winzes	Foot	550.17	3	10,290.32	00	205.60	100	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other (Rental, etc.)				5,307.70				
TOTAL DISTRIBUTED COSTS		6,935.67		20,252.77				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		500.00		6,513.60				12,636.00
Initial Rehabilitation and Repairs				9,292.08				6,600.25
New Buildings, Improvements, etc.								
TOTAL COSTS		6,435.67		43,058.45				

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

Date ..... Operator .....

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

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. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U. S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-E18
PROGRESS REPORT - July, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-E18, and covers the period July 1-31, 1952.

Upon receipt of the compressed air trammer (Progress Report - June, 1952), it was found that insufficient floor clearance was to be had in the Homestake main haulage level chiefly because of the air-line being located along the lower right hand side of the drift. Therefore, the main air-line was raised to the upper right hand corner of the tunnel for its entire length. Previous measurements for clearance for the air trammer were made by constructing a wooden template over an ore car at the height of the maximum dimensions of the compressed air tank.

It was also found that about the maximum length of tramming was 500 lineal feet hauling four cars on each charging of 37 cubic feet of compressed air at 110 pounds pressure. Previous estimates by the manufacturer had indicated a maximum of 1500 feet per charging, but apparently this did not take into account any circuitousness of the track. However, suitable charging stations were installed at the necessary intervals and it may be noted that the charging time, using so-called quick couplings, is minor — usually requiring under one minute.

The previous report notwithstanding, it was found that additional track realignment was necessary to handle the increased wheelbase of the trammer. This included installation of approximately six inside guard rails on the tighter turns. Also, about three of the turns were made shallower by shooting off points of the walls in minor amounts. These points are mentioned in detail as an item of interest to you and also in the hope that they may serve as a basis for recommendation should any other projects of your knowledge, having similar conditions to ours, consider such equipment use.

Sinking on the Homestake 602 Winze was advanced another 3 feet to provide for some additional room in the bottom for sump. It is our present plan to begin drifting at a point that will be approximately 78 feet below the sill of the No. 6 tunnel. By the time we are back under the possible ore shoot southerly from this point, there will be approximately 75 feet between levels which is deemed sufficient for steping on a vein pitched as this one is. This advance resulted in approximately 216 cubic feet of ground being removed.

It was planned to take one round out of the hanging-wall at the level of the proposed drift for storage purposes; another round to the north for installation of a tugger and then begin advance to the south by utilizing a slusher and loading muck directly into the skip. However, it was noted that the vein just above this proposed lower drift apparently flattened and subsequently plunged. It is believed that the main portion of the structure may be well out into the hanging wall and, as of this date, it is impossible to forecast how far this might be. Therefore, it is now proposed to continue the cross-cutting to the southwest until we can establish the exact position of the hanging-wall of the fissure. When this point is reached it is also proposed to drive a long drill hole, perpendicular to the dip, and obtain sludge samples therefrom at 2-foot intervals. When this information is gained we will then be able to plan our lower drifting work more wisely.

For the most part the rock encountered in the winze was interbedded lime, quartzite and occasional calcareous argillite, containing very little mineralization except occasional iron oxides, calcite and quartz. The notable exception to this case was a small section located approximately 60 feet below the sill of the No. 6 Tunnel where we tried a short stub drift to the south (Progress Report - November, 1951, and Progress Report - June, 1952). At the beginning of this 15-foot stub, a 2-foot sample was obtained containing 15% zinc. However, at its southern end, the same streak against the hanging-wall was sampled with the following results:

Length	Ag oz.	Pb %	Zn %
2.4 ft.	0.9 oz.	0.2%	0.8%

Incidentally, as noted before, the project was not charged for this work — the operator assuming all costs therefor.

Preparatory work extending the No. 6 tunnel along the vein to the northwest consisted of sideswiping an average of 2 feet out of the hanging-wall side of the drift a distance of 30 feet resulting in approximately 480 cubic feet of rock being removed. Upon performance of this sideswiping and subsequent mucking, it was found that this hanging-wall rock contained as much as 3 feet of low grade ore. This ore for the most part consisted of apparently barren, dark grey limestone with most of the ore being of such fine grain and disseminated throughout the host rock that it is almost impossible to detect visually underground. Particularly when wet, about the only method of field determination is its increased weight over other similar rock.

Cut channel samples were taken at intervals noted on the accompanying sketch. The larger cuts were made on the rock above described and the short one was taken in material similar to a yellowish tan, siderite gouge with very little noticeable oxidized zinc mineralization. The others were predominately sulfide with occasional blebs of light brown, coarser sphalerite which were not included in any of the cuts.

For purposes of record herein, the results of these samples may be retabulated as follows:

Length	Ag oz.	Pb %	Zn %
0.5 ft.	1.4	0.5	41.2
2.0 ft.	1.1	Tr.	9.4
3.0 ft.	0.8	Tr.	13.1

It has been noted from the previous monthly report (Form MF-104A), that a total footage at that time shown for the 602 Winze was 86 feet. This was the amount of sinking below the sill only and therefore its cost on the unit basis against the total overall charged against this heading is somewhat unrealistic. Altho it is mainly a matter of bookkeeping, on a per-foot basis only the actual sinking should be shown as the unit cost or the total amount of work done including the hoist raise should be shown as the total footage. As of this previous report, this would have amounted to 118 feet as being a total length of the winze from top to bottom <u>without</u> including any of the old drift, extra station area, skip pocket or hoist room.

However, it is realized that if this application is made it may be considered that the operator has exceeded his original proposal and certainly his previous cost estimates. In view of changing conditions, particularly those of not being able to secure first class labor and because of our original request for elasticity in this project it is hoped that an understanding attitude will prevail in this regard.

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

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Covey

Harold A. Covey - Vice President

HAC/md

Form [illegible]04 (Rev.) [illegible]56)

Keating
Betty

Wash

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

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

DEPARTMENT OF THE INTERIOR
Supplemental Minerals Administration
Received DEC [illegible]
OCT 1 [illegible]2

Month of June 1952 Docket No. DMEA 81 Contract No. 13
Operator's Name United Minerals Corporation Minerals Lead - Zinc
Address 513 Salt Building - Salt Lake City, Utah
Contract Amount, $ 104,000.00 Government Participation: 50% Amount, $ 52,000.00

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						
Contract Work		149.60	149.60		✓	✓
(2) Labor and Supervision:						
Labor		6,865.31	6,865.31		✓	✓
Supervision						
Technical Services	27.78	7,928.18	7,955.96	✓	✓	✓
(3) Operating Mat'ls. and Supplies:						
Timber		2,377.07	2,377.07		✓	✓
Explosives		855.56	855.56		✓	✓
Pipe						
Track						
Other		2,272.36	2,272.36		✓	✓
Power		375.19	375.19		✓	✓
(4) Operating Equipment:						
Rental	604.10	6,297.17	6,901.27	✓	✓	✓
Purchase	125.00	3,788.00	3,913.00	✓	✓	✓
Depreciation						
(5) Initial Rehabilitation and Repairs	19.20	2,062.14	2,081.42	✓	✓	✓
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28		✓	✓
(7) Miscellaneous:						
Repairs to Equipment		83.40	83.40		✓	✓
Sampling and Analysis						
Payroll Taxes	1.25	1,344.66	1,345.91	✓	✓	✓
Liability Insurance						
Other		10.85	10.85		✓	✓
(8) Contingencies (specify):						
Totals	$ 851.41	$ 35,651.57	$ 36,502.98	✓ 851.41	✓ 35,651.57	✓ 36,502.98

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

Date 9/6/52 *Payee United Minerals Corporation

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:

$ 425.70

Signature [illegible]
(Authorized Certifying Officer)

Date 10-2-52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

F-104A
(1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Supplemental Report

OPERATOR'S UNIT COST AND PROGRESS REPORT

OCT 6 1952

Month of June 1952 Docket No. DMEA

Contract No. 18

Operator's Name United Minerals Corporation

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		147.01		709.63				
Crosscutting								
Raising								
Shafts								
Winzes		566.12		17,259.77	86	200.70	100	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other Rentals, etc.				5,327.70				
TOTAL DISTRIBUTED COSTS		713.13		[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		125.00		3,913.80				
Initial Rehabilitation and Repairs		13.20		9,202.08				
New Buildings, Improvements, etc.								
TOTAL COSTS		851.43		36,532.98				

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 9/6/52 Operator United Minerals Corp.

Per Glenn B. Gardner Title Auditor

REMARKS: See schedule analyzing and explaining additions attached as well as United Minerals' letter dated 8/29/52 - L. A. Covey

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

UNITED MINERALS CORPORATION

ADJUSTMENTS FOR SUPPLEMENTAL REPORT

JUNE, 1952

	Corrected Balance	Previously Submitted & Approved	Additional Adjustment
Portion of "Supervision & Technical Services" disallowed in error - see United Minerals' letter 8/29/52 - charge not in excess of contract allowance	$ 650.00	$ 622.22	$ 27.78
Foulger Equipment rental disallowed due to wrong invoice submitted - proper invoice ~~allowed~~ - charge equipment rental	924.00	454.00	470.00
To charge "equipmental rental" for truck mileage previously shown as "miscellaneous transportation" and disallowed - see United Minerals' letter 8/29/52	214.10	-0-	214.10
To include under "purchased equipment" pneumatic pusher acquired from Cropco Pacific, Ltd. - disallowed in error - see United Minerals' letter 8/29/52	857.10	732.10	125.00
Payroll taxes deleted from report as result of adjustment to Supervision & Technical wages above	251.52	250.27	1.25
To recover charges deleted in error from initial Rehabilitation & Repair as result of disallowance of Supervision Technical Services and payroll taxes above	1,157.28	1,144.00	13.28
Totals	$ 4,054.00	$ 3,202.59	$ 851.41

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1836.3.
Defense Minerals Exploration Administration
Approval expires 6-30-53.

RECEIVED
AUG 25 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of JUNE 1952 Docket No. DMEA 81 Contract No. 18
Operator's Name UNITED MINERALS CORPORATION Minerals LEAD & ZINC
Address 518 FELT BUILDING
Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000.00

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						
Contract Work		149.60	149.60			
(2) Labor and Supervision:						
Labor	845.50	6,019.81	6,865.31	845.50		
Supervision & Technical	650.00	7,305.96	7,955.96	622.22		
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		2,377.07	2,377.07			
Explosives	2.00	853.56	855.56	2.00		
Pipe						
Track						
Other	573.28	1,799.08	2,372.36	473.28		
Power		375.19	375.19			
(4) Operating Equipment:						
Rental	924.00	5,780.37	6,704.37	454.00		
Purchase	857.10	3,351.70	4,208.80	732.10		
Depreciation						
(5) Initial Rehabilitation and Repairs	1,157.28	946.94	2,104.22	1,144.00	817.49	
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28			
(7) Miscellaneous:						
Repairs to Equipment	83.40	—	83.40	83.40		
Sampling and Analysis						
Payroll Taxes	251.52	1,094.39	1,345.91	250.27		
Liability Insurance						
Transportation (mi) 2141	214.10	—	214.10	-0-		
Other		10.85	10.85			
(8) Contingencies (specify): Equipment deletions due to change over to rental basis (amendment 4)	(295.00)		(295.00)	(295.00)		
TOTALS	5,263.18	31,339.80	36,602.98	4,311.77	29,855.25	34,167.02

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

Date July 18, 1952 *Payee United Minerals Corp.

Per George W. Snyder Jr. Title Pres.

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

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

(Instructions on reverse)

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

$ 2,155.88

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 1dm-E18 in accordance with the terms of the contract.

Signature Thomas E. Howard Title Mining Engr. Date 7-22-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature M E Holm Title Member DMEA Field Team Region II Date July 22-1952

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 25 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of JUNE 195 2 Docket No. DMEA 81 Contract No. 18
Operator's Name UNITED MINERALS CORPORATION Minerals LEAD & ZINC
Address 518 FELT BUILDING, SALT LAKE CITY 1, 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	feet	730.25	(prepara-tory)	730.25	0			
Crosscutting								
Raising								
Shafts								
Winzes	feet	2,813.55	15	17,339.15	86	201.62	100	
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other (Rental, etc)				5,327.70				
Total Distributed Costs		3,543.80		23,397.10				Total Costs Authorized by Contract (1)
				(295.00)				
Operating Equipment Purchased		857.10		4,208.80				12,616.00
Initial Rehabilitation and Repairs		1,157.28		9,292.08	(2)			8,620.25
New Buildings, Improvements, etc.								
Adjustments (Amentment 4)		(295.00)						
Total Costs		5,263.18		36,602.98				

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

Date July 18, 1952 Operator UNITED MINERALS CORPORATION

Per George W. Snyder Jr. 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.

(Instructions on reverse)

Remarks: (1) Total costs authorized for equipment as balance after deleting equipment under amendments 2 & 4 for which equipment rental will be substituted. (2) This exceeds maximum allowable under amendment #3 of contract, but it is thought this might be allowable due to the fact that a lot of it might be termed maintenance rather than repair.

(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

July 15, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-418
PROGRESS REPORT - JUNE, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-418, and covers the period of June 1-30, 1952.

Rehabilitation work on the main haulage tunnel, No. 6, of the Homestake mine continued during the month. Much of this work more properly might be termed "maintenance" rather than "repair." For example, occasionally the track would spread because of rotting ties, the car would derail and take out a set allowing muck and other fill to come into the drift. This, after the preliminary cleanup work was thought to be completed. However, this level now appears to be in good condition for operations with much track realignment and tie replacement being accomplished. Toward this end, some 32 sets and 6 half-sets of timber were replaced and 161 mine cars of waste removed during the period of report.

Sinking was resumed on the Homestake 602 Winze (below the main level) but the rate of advance proved very disappointing. The work was interrupted from time to time, as the attached accounting information will indicate, because of transportation "bottlenecks" occurring as above. Considerable delay was caused by an unusual amount of water developing in the winze, and until additional pumping facilities were secured, this held up early resumption of work each shift. Additional trouble was had because of missed holes when blasting the rounds. Both sealed primers with lacquered fuse and electric delays were utilized but both averaged about 70% effectiveness. It is believed that lack of experience in labor plus some insufficiency in detonation equipment caused this condition.

Sinking was resumed at a point approximately 4 feet below the occurrence of ore noted in the south wall in a previous report (narrative dated: December 15, 1951). Advance was made of 15 lineal feet, or approximately 1080 cubic feet of rock removed. Althe the work still was performed within the vein no commercial mineralization was encountered. The rock was siliceous and becoming increasingly harder with depth.

Preparatory work for advancing the No. 6 tunnel on the vein, consisted of sideswiping approximately 30 feet back from its present face for installation of a switch and side-track. Approximately 1,000 cubic feet of ground was shot out for this facility.

It must be noted that considerable delay was occasioned by the delivery of the compressed air trammer about five weeks later than was expected. Order was placed May 10th, and Eimco Corporation, manufacturer, promised delivery in 10 days thereafter. However, it did not arrive until June 30th, in spite of our constant efforts. Until that delivery, along with a mucking machine on the same order, the unit contract work on t e drift was postponed. Additional help hand-tramming was finally secured to expedite the winze and the cleanup, but the non-delivery of the trammer was extremely serious in upsetting the work schedules and beyond the control of the operator.

It may be noted from the attached Form MF-104, that adjustments have been made in the applicable accounts as per previous correspondence (June 11, 1952) for equipment. Next month, the items will be handled as per our Amendment No. 4 as regards rentals.

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

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Covey - Vice President

HAC/md

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

So. 157 Howard Street
Spokane 4, Washington

August 20, 1952

Memorandum

To: [illegible] Weissenborn, Executive Officer, Field Team, Region II

From: [illegible] Hillegaard, Geologist, U. S. Geological Survey, Region II

Subject: Geologic examination of the United Minerals Reserve Corporation property, Blaine County, Idaho, Contract [illegible] (Lead-zinc). Idma-81

[illegible] visited the Yomestake mine on August 6, 1952, in company with Mr. [illegible] Cove, superintendent of the project.

The phases of the contract were active. The No. 6 level was being extended to the northwest on the Yomestake vein. Work done to date has consisted largely of rehabilitating the end of the level in preparation for drifting. A 30-foot section of the drift has been side-swiped and a double track installed for car-switching; the back has also been raised. Work in the winze has not been consistent but has been done at intervals when men were available. The drift is following the strong Yomestake vein structure which varies up to 3 feet in thickness and is composed of crushed argillite, quartz, calcite, and minor amounts of galena and zinc blende. The presence of a considerable amount of water at the face of the drift, the only appreciable water found thus far on the level, coupled with the occurrence of some galena, indicates that the drift could be approaching the lower limits of the mineralized zone.

The No. 6 level winze, driven on the Yomestake vein, is now down [illegible] feet from the No. 6 level sill. A bulkhead was being put in the winze 5 feet above the bottom and the crew was preparing to drift on the vein to the southeast from this point. This will be a slusher drift with the slusher feeding directly into the slip. It is estimated that 150 feet of drift will be needed to reach the projected location of a raising one [illegible] feet above the No. 6 level. About 15 feet above the bottom of the winze the dip of

the vein [illegible] the vein rocks to the pocket into the hanging wall of the drift. It was therefore suggested to Mr. Covey that one or two rounds of crosscut be driven into the hanging wall at the new drift [illegible] to test the position of the vein before drifting commences. This is especially important since the drift is to be driven by air [illegible] and should be as straight as possible.

Mr. Covey stated that contract work had been hampered by an unexpected amount of rehabilitation work on the No. 6 level. During the early part of the summer the company bought an 18-ton air trammer to replace the mule formerly used for tramming. However, when the air trammer was put into operation it was found necessary to raise the roof line, replace numerous drift posts, and to make track repair, [illegible] which took more time than had been expected.

Mr. Covey stated that building on the [illegible] property will commence in the near future. He also mentioned that a recent cloudburst had washed out portions of the Lake Creek road and asked if the costs of repair of the road could be charged to this project. He was advised to submit the costs, estimated at $450 for building, as a contingency item in his next monthly progress report.

Thor L. Kiilsgaard

cc: [illegible] (4)
[illegible] (2)
[illegible]

104 (Rev.)
(April 1952)

Heating Betty

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

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53. INTERIOR
Defense Minerals Administration
RECEIVED
Supplemental Report OCT 1 1952

Month of May, 1952 Docket No. DMEA 81 Contract No. 18
Operator's Name United Minerals Corporation Minerals Lead - Zinc
Address 513 Felt Building - Salt Lake City, Utah
Contract Amount, $ 104,000.00 Government Participation: 50 % Amount, $ 52,000.00

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						
Contract Work		149.60	149.60		✓	✓
(2) Labor and Supervision:						
Labor		6,019.81	6,019.81		✓	✓
Supervision & Technical		7,305.96	7,305.96		✓	✓
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber		2,377.07	2,377.07		✓	✓
Explosives		853.56	853.56		✓	✓
Pipe						
Track						
Other		1,793.08	1,793.08		✓	✓
Power		375.19	375.19		✓	✓
(4) Operating Equipment:						
Rental	62.80	5,780.37	5,843.17	✓	✓	✓
Purchase		3,351.70	3,351.70		✓	✓
Depreciation						
(5) Initial Rehabilitation and Repairs	66.65	817.49	884.14	✓	✓	✓
(6) New Bldgs., Improvements, etc.		1,275.28	1,275.28		✓	✓
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	3.92	1,090.47	1,094.39	✓	✓	✓
Liability Insurance						
Other		10.85	10.85		✓	✓
(8) Contingencies (specify):						
				✓	✓	✓
TOTALS	133.37	31,206.43	31,339.80	133.37	31206.43	31339.80

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

Date 9/3/52 *Payee United Minerals Corporation

Per Glen G. 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:

$ 66.69

Signature [illegible]
(Authorized Certifying Officer)

Date 10-2-52 Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

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

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

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

[redacted]F-104A
(April 1952)

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

OCT 8 52

Supplemental Report

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1952 Docket No. DMEA Contract No. [illegible]
Operator's Name [illegible] Minerals Corporation Minerals [illegible]
Address 517 Post Building, [illegible] 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		66.72		24,525.60				
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Other Details				5,327.70				
TOTAL DISTRIBUTED COSTS		66.72		32,853.30				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased				2,323.70				
Initial Rehabilitation and Repairs		66.65		6,124.00				
New Buildings, Improvements, etc.								
TOTAL COSTS		133.37		33,323.00				

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 9/6/52 Operator [illegible] Corp.

Per [illegible] Title [illegible]

REMARKS: See schedule analyzing all expenditure addition attached as well as [illegible] letter dated 8/20/52 - R. J. Covey

→ 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

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 18

Name of Operator UNITED MINERALS CORPORATION
Docket No. DMA 81
Total Contract Amount $104,000.00
Government Participation: 50 % Amount, $52,000.00
Distribution of Expenditures for Month of May

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

UNITED MINERALS CORPORATION
(Name of Company)

By Guy Snyder
(Signature of Authorized Official)

6/14/52
(Date)

Secy
(Title)

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

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings		1,275.28	1,275.28			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]		3,361.70	3,361.70			
(b) Rented[2]	470.00	5,310.37	5,780.37			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities	946.94	------	946.94	817.49		
(b) Buildings						
(c) Installations						

UNITED MINERALS CORPORATION
518 FELT BUILDING
SALT LAKE CITY 1, UTAH

June 11, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-218
PROGRESS REPORT - May, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-218, and covers the period of May 1-31, 1952.

On or about the 14th of the month, it became possible to obtain a bulldozer on a custom basis and the canyon road to the project was cleared of snow and debris. This work was accomplished without undue difficulty and the cost therefor was borne solely by the Operator.

On May 23rd, underground work was resumed on the project. This consisted mainly of repair to No. 6 Tunnel of the Homestake mine. Approximately 8 sets of timber were replaced and some 40 tons of waste which had sloughed in during the winter were removed. This rehabilitation work was continuing at close of the period of report.

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

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Carey - Vice President

H.C/md

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]		6,019.81	6,019.81			
5. Supervision		7,305.96	7,305.96			
6. Supplies						
(a) Timber		2,377.07	2,377.07			
(b) Explosives		853.56	853.56			
(c) Repair Parts						
(d) Other		1,799.08	1,799.08			
7. Power		375.19	375.19			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	67.61	1,026.78	1,094.39	63.69		
10. Contract Work		149.60	149.60			
11. Other (specify)		10.85	10.85			
Total	1,484.55	29,855.25	31,339.80			
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date				1,351.18	29,855.25	31,206.43

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by J.B. Sanders
Entered by
Approved by Thomas E. Howard
Amount approved for payment ~~$706.99~~ 675.59
Remarks Salaries reduced to $697.48.
Foreman's salary S/B prorated on $400/mo.
Secretary's salary S/B on basis of $100/mo per cont.

16—64068-3

$62.80 for mileage disallowed not in accordance with terms of contract.

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May, 1962

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress[4]				
	Wages[1] and salaries	Equipment[2]	Supplies	Other[3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation	764.13		182.81	67.61	1,014.55					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) *		470.00			470.00					
Totals	764.13	470.00	182.81	67.61	1,484.55					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

* Compressor Rental

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 18
Idm-E

Name of Operator UNITED MINERALS CORPORATION
Docket No. DMA 81
Total Contract Amount $ 104,000.00
Government Participation: 50 % Amount, $ 52,000.00
Distribution of Expenditures for Month of April, 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

Defense Minerals Administration
JUN 20 1952

CERTIFICATION

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.

UNITED MINERALS CORPORATION
(Name of Company)

By H. A. Corey
(Signature of Authorized Official)

May 9, 1952
(Date)

VICE PRESIDENT
(Title)

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

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	**	1,275.28	1,275.28			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	--	4,385.28	3,351.70	*		
(b) Rented[2]	--	3,806.79	5,310.37	*		
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

UNITED MINERALS CORPORATION
518 FELT BUILDING
SALT LAKE CITY 1, UTAH

May 9, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-418
PROGRESS REPORT - APRIL, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-418, and covers the period of April 1-30, 1952.

Operations remained temporarily suspended on this project because of winter conditions during the entire month of April. The attempt was made during the latter part of the month to plow out the snow from the roads to permit resumption of operations. However, local flooding caused requisition of suitable equipment normally available for such "custom" work. It is currently believed equipment will be released and that this will be possible to initiate after about one week from the date hereof.

In accordance with recent discussions with Mr. Null, certain adjustments have been made on the Monthly Summary Cost Statement, Form MF-104, submitted herewith. The changes were made to reflect the method of handling equipment rentals as per our Amendment No. 1 retroactive to beginning date of contract. These adjustments are as follows:

Amended June-July, 1951, Transferred
from Operating Equipment, Purchased
to Operating Equipment, Rented . . . . . $ 695.18

August, 1951, Transferred
from Operating Equipment, Purchased
to Operating Equipment, Rented . . . . . $ 338.40

April, 1952, (herewith) Transferred
from Operating Equipment, Purchased, Item 2(a)
to Operating Equipment, Rented, Item 2(b). $1,033.58

To: Mr. A. E. Weissenborn,
Executive Officer

May 9, 1952

We trust this explanation and method of handling is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS CORPORATION

H. A. Covey

H. A. Covey - Vice President

H.C/md

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	---	6,019.81	6,019.81			
5. Supervision	---	7,305.96	7,305.06			
6. Supplies						
(a) Timber		2,377.07	2,377.07			
(b) Explosives		853.56	853.56			
(c) Repair Parts	---	---	---			
(d) Other		1,799.08	1,799.08			
7. Power		375.19	375.19			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	---	1,026.73	1,026.78			
10. Contract Work	---	149.60	149.60			
11. Other (specify)		10.85	10185			
Total	470.00	29,385.25	29,855.25			
Deletions						
Adjusted totals	470.00					
Totals previously reported		29,385.25				
Totals to date	✓	✓	29,855.25 ✓			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by [signature]
Entered by
Approved by Thomas E. Howard
Amount approved for payment $13 -00
Remarks

* 695.18 June, July '51 equip. purchase
338.40 Aug. '51 equip. purchase
1033.58 Total

Transferred from Equipment purchased column to Equip. Rented column as per Amendment No. 1.

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF APRIL, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) +	470.00				470.00					
Totals	470.00				470.00					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

+ Compressor rental

M. E. Volin, Member, DMEA Field Team, Reg. II

Hailey, Idaho
May 27, 1952

T. E. Howard, Mining Engineer, Bureau of Mines

Routine inspection of United Minerals Corporation exploration project, Contract Idm-E18, Docket No. DMEA 81, Zn-Pb

The subject inspection was made May 24, 1952, with Lowell Thompson, mine foreman. Work had just been resumed after the winter shutdown. The foreman and two miners were engaged in cleaning up the No. 6 level adit of the Homestake mine where sloughing had occured during the winter. All the work done on the Homestake phase of the exploration project will require the use of this adit.

In addition to a number of places where the back of the adit was sloughed, about 50 cars of gob which was washed from a raise about 80 feet from the new winze will have to be cleaned up. At least 13 sets of old timber will have to be replaced, some of which will be difficult as the failed sets supported stope fill. The new winze is flooded and could not be examined but it is assumed to be in good shape.

The foreman estimates that about two weeks will be required to complete the necessary cleanup and repair. I talked to Mr. Covey, supervisor in charge of the project, later and with him prepared an amendment to allow their cost as a cost of the project. I have included repairs to surface plant because anti-freeze was discovered in the oil when the compressor was drained and it will have to be checked and possibly repaired. Also the outside water line will require some repair. Though the cost of this work will further reduce the funds available for actual exploration, the work must be done before the project can proceed.

The second part of the amendment is to allow a change from the originally planned method of driving the drift from the bottom of the winze. The Operator intended for the mucking to be done by hand. The slusher provided for in the amendment should give a more efficient operation.

The amendment has been signed by Mr. Covey and is enclosed for the consideration of the Field Team.

The high cost of the work done thus far under the contract was discussed again with Mr. Covey. He stated that he intends to start both the winze and the No. 6 level drift extension on a 2-shift-per-day working schedule as soon as the cleanup and repair is completed if sufficient labor is available. If he is able to do this, costs should be reduced considerably.

The Long Grade prospect is still under fairly deep snow and work cannot be started there for about another month.

T. E. Howard

June 11, 1952

Mr. . . . Weissenborn, Executive Officer,
Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Ids-818

Dear Mr. Weissenborn:

Herewith enclosed is a copy of an Equipment Inventory as of May 31, 1952, and description of new Construction at the Homestake Mine in connection with our Exploration Project Contract, Ids-816.

In connection therewith, it may be noted that certain equipment items have been charged to the contract and do not appear on the inventory. These were items which were deemed unsatisfactory, have been returned and for which suitable replacements have been or will be obtained. Credit will be given to the appropriate Contract accounts following Mr. Hulls' suggestion that this be done during a month of substantial expenditure so as to absorb the credits with more convenience from the accounting point of view. It appears that this may be effected in our monthly report for June, 1952. For your immediate convenience, these items have been added to said Inventory as a footnote.

For your information, the McLowen pump has been replaced by a portable Chicago-Pneumatic sump pump; the Ingersoll-Rand jackhammer and jacklegs will be replaced by an Atlas rock drill with pneumatic pusher using Sandvik Coromant drill steel. The drill changes are expected to be better economically as they have been found so in this region and we are using them with success in one of our Nevada operations. It may also eliminate the need for liners as set forth in our original estimates for the drifting with considerable savings in equipment costs.

We close our fiscal year on June 30th and there are other changes in the Contract account which we would like to make subject to your approval to be effective July 1, 1952. We believe they will "clear up" these accounts somewhat and will be favorable both from the governments' and our points of view.

We propose to "buy back" the governments' share of certain equipment items at the same figure for which we were previously reimbursed and thus gain 100 per cent ownership of such items. With our operating other properties it might be advantageous, for example, to be able to inter-change equipment with more elasticity than the present set-up permits. For such equipment, a reasonable rental figure would be set for that actually used on the project and according to established practices.

If this proposal meets with your approval, the items which we would like to absorb are as follows:

Quantity	Description	Cost to Contract	Gove't Share /1
1	3/4-ton Mine Skip, 24" ga., fabricated	$ 50.00	$25.00
3	1-ton Mine Cars, 18" ga., and dump, used, @ $50.00	150.00	75.00
1	1-ton Mine Car, 18" ga., and dump, used	35.00	17.50
1	Set Chain Blocks, used	50.00	25.00
1	Hand driven forge blower	10.00	5.00

/1 Actual amount government reimbursement to Operator.

If the cost for these items are thus absorbed by the Operator, the effect will be as though the Contract never was charged therefor and yet the project has had the use of them and other equipment furnished by the Operator. This poses the question of some retroactive rentals coming under consideration to truly balance the accounts. However, we are willing to forego any such past rentals in the interests of the project and more convenience in the bookkeeping.

Please bear in mind that neither the Operator nor the Government had been able to establish the exact methods for handling many of these items as they occurred. We have had to more or less "grow" along with the program and this, along with a few simple errors in learning, now calls for the proposed revisions. We would like to be able to put the account on more of "an even keel" beginning with our next fiscal year. Therefore, we urge your favorable consideration of these matters.

To accomplish the proposed objectives, an amendment to the Contract appears necessary. For your convenience and consideration, we have prepared the following draft of a proposed Exhibit "F" of Amendment No. 4.

UNITED MINERALS CORPORATION
EXPLORATION PROJECT CONTRACT AMENDMENT NO. 4
EXHIBIT "F"

Changes and Modifications

In Exhibit "C" of the Contract, under operating equipment to be purchased, delete the following items:

Quantity	Item	Cost
7	1-ton ore cars @ $165.00	$1,155.00
1	Air receiver	250.00
1	1-ton sinking skip	350.00
1	Sinking pump	460.00

In Exhibit "C", Page (2), of the Contract, under operating equipment furnished by the Operator as rental to the project, add the following items as maximum allowable costs of the project:

Quantity	Item	Rental
1	One-ton mine skip	4.20/mo.
12	One-ton ore cars @ $1.70/mo.	20.40/mo.
2	Mine timber trucks @ $1.25/mo.	2.50/mo.
1	Sump pump	4.20
Misc.	Blacksmith shop equipment	1.70

We respectfully request your consideration hereof and will look forward to hearing from you in this regard. If the above appears satisfactory, please proceed to prepare the necessary forms for execution. If any changes appear desired or questions arise, please communicate with us.

Respectfully yours,

UNITED MINERALS CORPORATION

Harold A. Covey. M.D.

Harold A. Covey - Vice President

HAC/md

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 18
Idm-E

Name of Operator UNITED MINERALS CORPORATION
Docket No. DMA-81
Total Contract Amount $104,000.00
Government Participation: 50 % Amount, $52,000.00
Distribution of Expenditures for Month of MARCH, 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAY 15 1952

CERTIFICATION

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.

UNITED MINERALS CORPORATION
(Name of Company)

By Harold A. Corey
(Signature of Authorized Official)

APRIL 6, 1952
(Date)

VICE-PRESIDENT
(Title)

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

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	—	1,275.23	1,275.23			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	—	4,385.23	4,385.23			
(b) Rented[2]	470.00	3,336.79	3,806.79			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

UNITED MINERALS CORPORATION
518 FELT BUILDING
SALT LAKE CITY 1, UTAH

April 8, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Ida-X18
PROGRESS REPORT - MARCH, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Ida-X18, and covers the period of March 1-31, 1952.

Operations remained temporarily suspended on this project because of winter conditions during the entire month of March.

It may be noted that the attempt may be made sometime during the month of April to reopen the roads and commence operations on the subject property, provided that warm and mild weather continues as is currently being enjoyed. As mentioned in previous reports you will be advised as to the date such resumption is possible.

We trust that this brief report proves sufficient for your requirements.

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Covey

H. A. Covey - Vice President

HAC/md

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	—	6,019.81	6,019.81			
5. Supervision	—	7,385.96	7,385.96			
6. Supplies						
(a) Timber	—	2,377.07	2,377.07			
(b) Explosives	—	853.56	853.56			
(c) Repair Parts	—	—	—			
(d) Other	—	1,799.08	1,799.08			
7. Power	—	375.19	375.19			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability	—	1,026.78	1,026.78			
(c) Workmen's Compensation						
	—	149.60	149.60			
10. Contract Work	—	10.85	10.85			
11. Other (specify)						
Total	470.00	28,915.25	29,385.25			
Deletions	470.00					
Adjusted totals		28,915.25				
Totals previously reported			29,385.25			
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W R Lee
Entered by
Approved by Thomas E Howard
Amount approved for payment $235.00
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF .....

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits	470.00				470.00					
Other (specify)										
Totals	470.00				470.00					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

✪ Compressor rental.

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. 18
Idm-E

Name of Operator UNITED MINERALS CORPORATION*
Docket No. DMA -61
Total Contract Amount $ 104,000.00
Government Participation: 50 % Amount, $ 52,000.00
Distribution of Expenditures for Month of MARCH, 1952

* Formerly United Minerals Reserve Corporation

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

UNITED MINERALS CORPORATION
(Name of Company)

By Harold A. Perry
(Signature of Authorized Official)

MARCH 12, 1952
(Date)

VICE-PRESIDENT
(Title)

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

16

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	—	1,275.20	1,275.20			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	—	4,336.23	4,336.23			
(b) Rented[2]	470.00	2,866.79	3,336.79			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

March 11, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-E18
PROGRESS REPORT - FEBRUARY, 1952

Dear Mr. Weissenborn:

The following brief report of progress and other relative data is herewith submitted regarding Exploration Project Contract, No. Idm-E18, and covers the period of February 1-29, 1952.

Operations remained temporarily suspended on this project because of winter conditions during the entire month of February.

The operator has remained appraised of snow conditions in its vicinity and, in view of continuing storms, now believes that snow removal from roads may remain impractical from standpoints of safety and economy for another month. It may be interesting to note that this winter has produced the greatest snow depths since such records have been kept in this area.

We trust that this brief report proves sufficient for your requirements.

Respectfully submitted,

UNITED MINERALS CORPORATION

Harold A. Covey

H. A. Covey - Vice President

HAC/md

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	———	6,019.81	6,019.81			
5. Supervision	———	7,305.96	7,305.96			
6. Supplies						
(a) Timber	———	2,377.07	2,377.07			
(b) Explosives	———	853.56	853.56			
(c) Repair Parts	———	———	———			
(d) Other	———	1,799.08	1,799.08			
7. Power	———	375.19	375.19			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	———	1,026.78	1,026.78			
10. Contract Work	———	149.60	149.60			
11. Other (specify)	———	10.85	10.85			
Total	470.00	28,445.25	28,915.25			
Deletions						
Adjusted totals	470.00					
Totals previously reported		28,445.25				
Totals to date			28,915.25			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W R Lee
Entered by
Approved by Thomas E Howard
Amount approved for payment $235.00
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF FEBRUARY, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)		470.00			470.00					
Totals		470.00			470.00					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

*Compressor rental.

81

IDAHO

BLAINE COUNTY

February 1, 1952

United Minerals Reserve Corporation, I-BLA-L18, Zn, Pb

50-50 of $104,000.00

2 years

The work of the project is divided into four parts. Part one calls for exploring the lateral extent of the Homestake vein on the No. 6 Level for 1000 feet. Part two calls for 100 feet of winze in the Homestake vein from the No. 6 level to establish a new lower level. Part three calls for 600 feet of drifting on the No. 5 level of the Long Grade mine. Part four calls for reopening the upper levels of the Long Grade mine and surface bulldozing.

Work to date has been on the winze following a vein from No. 6 level. Oxide and sulphide ore minerals are present. Costs so far are excessive and program has been slow, due in part to bad weather.

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 10

Name of Operator [illegible]
Docket No. DMA [illegible]
Total Contract Amount $ [illegible]
Government Participation: [illegible] % Amount, $ [illegible]
Distribution of Expenditures for Month of [illegible]

Formerly Called Minerals Reserve Corporation

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 18 1952

CERTIFICATION

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.

[illegible]
(Name of Company)

By Harold A. Corey
(Signature of Authorized Official)

[illegible] 25, 1952
(Date)

[illegible]
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	—	1,275.28	1,275.28			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	—	4,385.28	4,385.28			
(b) Rented[2]	470.00	2,396.79	2,866.79			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

UNITED MINERALS CORPORATION
518 FELT BUILDING
SALT LAKE CITY 1, UTAH

February 15, 1952

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U. S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Refer to: Contract Idm-E18
PROGRESS REPORT - JANUARY, 1952

Dear Mr. Weissenborn:

Covering the progress of Exploration Project Contract, Idm-E18, for the period of January 1 - 31, 1952, the following report and other relative data, is herewith submitted.

During the entire month of January, operations were suspended on this project because of winter conditions. It may be recalled that the operator elected to so suspend operations because it appeared that considerable extra expense would be incurred to maintain roads. It now appears as the this decision was sound because unusually heavy snows occurred in the vicinity and the costs might have been even greater than anticipated.

During the latter part of the present month the operator intends to survey these conditions with the idea of reopening the roads and resuming work on the project. The February report following should contain a report of the feasibility of this consideration.

Respectfully Submitted,

UNITED MINERALS CORPORATION

Harold A. Covey

Harold A. Covey - Vice President

HAC/md

U. S. BUREAU OF MINES
RECEIVED
FEB 21 1952
ALBANY, OREGON

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	—	6,010.01	6,010.01			
5. Supervision	—	7,[illegible].00	7,[illegible].00			
6. Supplies						
(a) Timber	—	2,277.97	2,277.97			
(b) Explosives	—	852.50	852.50			
(c) Repair Parts	—	—	—			
(d) Other	—	1,722.23	1,722.23			
7. Power	—	379.19	379.19			
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	—	1,000.00	1,000.00			
	—	110.00	110.00			
10. Contract Work	—	10.35	10.35			
11. Other (specify)						
Total	470.00	27,975.25	28,445.25			
Deletions						
Adjusted totals	470.00					
Totals previously reported		27,975.25				
Totals to date			28,445.25			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W R Lee

Entered by

Approved by Thomas E Howard

Amount approved for payment $235.00

Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF JANUARY, 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) *		470.00			470.00					
Totals		470.00			470.00					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

* Compressor rental

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 10

Name of Operator [illegible]*
Docket No. DMA-[illegible]
Total Contract Amount $[illegible]
Government Participation: [illegible] % Amount, $[illegible]
Distribution of Expenditures for Month of [illegible], 1952

*Formerly, United Minerals Reserve Corporation.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 4 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

[illegible] (Name of Company)

By [signature] (Signature of Authorized Official)

[illegible] 15, 1952 (Date)

[illegible] (Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	—	[illegible]	[illegible]			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	—	[illegible]	[illegible]			
(b) Rented[2]	[illegible]	[illegible]	[illegible]			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	—	6,[illegible].01	6,[illegible].01			
5. Supervision	100.00	7,[illegible].26	7,[illegible].26			
6. Supplies						
(a) Timber	—	2,[illegible].97	2,[illegible].97			
(b) Explosives	—	653.56	653.56			
(c) Repair Parts	—	—	—			
(d) Other	—	1,[illegible].03	1,[illegible].03			
7. Power	—	575.19	575.19			
8. Transportation	—	—	—			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	9.75	1,[illegible].03	1,[illegible].78			
	—	19.05	19.05			
	—	10.05	10.05			
10. Contract Work						
11. Other (specify)						
Total	577.70	27,[illegible].55	27,[illegible].25			
Deletions						
Adjusted totals						
Totals previously reported		27,[illegible].55				
Totals to date			27,[illegible].25			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

Monthly expense total.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Glenn A. Reed
Amount approved for payment
Remarks

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF [illegible], 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits	100.00	470.00		9.70	579.70					
Other (specify)										
Totals	100.00	470.00		9.70	579.70					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Posted standby charges.

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E 16

Name of Operator [illegible]
Docket No. DMA 31
Total Contract Amount $ [illegible]
Government Participation: 50 % Amount, $ [illegible]
Distribution of Expenditures for Month of November, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

[illegible]
(Name of Company)

By Harold A. Conway
(Signature of Authorized Official)

December 15, 1951
(Date)

Harold A. Conway, Vice President
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	—	1,275.28	1,275.28			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	—	4,385.28	4,385.28			
(b) Rented[2]	215.62	1,711.17	1,926.79			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

December 15, 1951

Mr. A. E. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. D.M.A.-81
PROGRESS REPORT - NOVEMBER

Dear Mr. Weissenborn:

Following is a brief narrative of progress made relative to execution by the operator under Exploration Project Contract No. I-DMA-S-18. The period covered by this report and other data submitted herewith is from November 1 to 30, 1951.

During this past month, the work on the project consisted chiefly of advancing the Homestake 602 winze heading. This was sunk an additional 14.5 lineal feet, resulting in a total of 1,044 cubic feet of ground being taken.

It must be noted that considerable delays and postponements were necessitated because of storms occurring in the vicinity. Only about two-thirds of the period covered in this report permitted actual work. These storms were unusually heavy for this time of the year -- the local consensus being that they occurred about thirty days earlier than usual.

The month was begun with a new crew of miners and continued until November 6th on a daily wage basis. This work proceeded so slowly that a new unit contract was given and advance was made on a straight footage basis. However, the charges shown on the applicable cost data submitted herewith are set up only as to the amount prorated against the Project Contract -- the operator assuming the difference.

Another cost assumed by the operator during this period was that incurred by a short "stub drift" to the south from a point near the present bottom of the 602 winze. There was a small occurrence of mixed oxide-sulfide ore encountered at this point and, for information purposes, the operator elected to break out more of this ground. Inasmuch as it was not part of the regular project as proposed, the costs therefor were not included thereunder. Other costs such as supervision, equipment rentals, etc., were also prorated in favor of the contract as a matter of bookkeeping so as to more truly reflect the applicable costs of the winze heading against the unit (per foot) costs.

Work on the Homestake 602 Mine was interrupted on November 23rd to perform the aforementioned drifting and then, on the 26th of the month, all work was suspended because of additional snow storms.

The only other work performed during the period was a minor amount of track cleanup and repair along the No. 6 Tunnel level.

We trust this brief report of progress is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS RESERVE CORP.

Harold A. Covey

Harold A. Covey - Vice-President

HAC/md

U. S. BUREAU OF MINES
RECEIVED
DEC 21 1951
ALBANY, OREGON

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3] (see addendum)	642.36	5,377.45	6,019.81			
5. Supervision	275.00	6,930.96	7205.96			
6. Supplies						
(a) Timber	6.00	2371.07	2,377.07			
(b) Explosives	—	853.56	853.56			
(c) Repair Parts	—	—	—			
(d) Other	181.83	1,617.25	1,799.08			
7. Power	—	375.19	375.19			
8. Transportation	—	—	—			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
	40.86	976.22	1,017.08			
10. Contract Work	—	149.60	149.60			
11. Other (specify) **	7.50	3.35	10.85			
Total	1,369.17	26,026.38	27,395.55			
Deletions						
Adjusted totals	1,369.17					
Totals previously reported		26,026.38				
Totals to date			27,395.55			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Thomas E Howard
Amount approved for payment
Remarks

* Includes prorated truck rental $58.95 and prorated rental compressor $156.67

** Medical examination for employee

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF [illegible], 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes ○	816.84	197.46	172.01	37.42	1,223.73	linear feet	14.5	56.5	71.0	100
Drill holes										
Overburden										
Rehabilitation and preparation	70.52	18.16	15.02	3.44	107.94	lin. underground				
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Med. examination				7.50	7.50					
Totals	917.36	215.62	187.03	48.36	1,369.17					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

○ Includes all hoisting and traveling

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 18

Name of Operator 31
Docket No. DMA 104,000.00
Total Contract Amount $ 50 52,000.00
Government Participation: 50% Amount $
Distribution of Expenditures for Month of November, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

UNITED MINERALS MINING CORPORATION
(Name of Company)

By Harold A. Gover
(Signature of Authorized Official)

December 15, 1951
(Date)

Harold A. Gover Vice President
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings	—	1,275.28	1,275.28			
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]	—	4,385.28	4,385.28			
(b) Rented[2]	215.62	1,711.17	1,926.79			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

December 15, 1951

Mr. A. S. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. D.M.A.-81
PROGRESS REPORT - NOVEMBER

Dear Mr. Weissenborn:

Following is a brief narrative of progress made relative to execution by the operator under Exploration Project Contract No. I-DMA-2-18. The period covered by this report and other data submitted herewith is from November 1 to 30, 1951.

During this past month, the work on the project consisted chiefly of advancing the Homestake 602 Winze heading. This was sunk an additional 14.5 lineal feet, resulting in a total of 1,044 cubic feet of ground being taken.

It must be noted that considerable delays and postponements were necessitated because of storms occurring in the vicinity. Only about two-thirds of the period covered in this report permitted actual work. These storms were unusually heavy for this time of the year — the local consensus being that they occurred about thirty days earlier than usual.

The month was begun with a new crew of miners and continued until November 6th on a daily wage basis. This work proceeded so slowly that a new unit contract was given and advance was made on a straight footage basis. However, the charges shown on the applicable cost data submitted herewith are set up only as to the amount prorated against the Project Contract — the operator assuming the difference.

Another cost assumed by the operator during this period was that incurred by a short "stub drift" to the south from a point near the present bottom of the 602 Winze. There was a small occurrence of mixed oxide-sulfide ore encountered at this point and, for information purposes, the operator elected to break out more of this ground. Inasmuch as it was not part of the regular project as proposed, the costs therefor were not included thereunder. Other costs such as supervision, equipment rentals, etc., were also prorated in favor of the contract as a matter of bookkeeping so as to more truly reflect the applicable costs of the winze heading against the unit (per feet) costs.

Work on the Homestake 602 mine was interrupted on November 23rd to perform the aforementioned drifting and then, on the 26th of the month, all work was suspended because of additional snow storms.

The only other work performed during the period was a minor amount of track cleanup and repair along the No. 6 Tunnel level.

We trust this brief report of progress is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS RESERVE CORP.

Harold A. Covey

Harold A. Covey - Vice-President

HAC/md

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3] (see addendum)	642.36	5,377.45	6,019.81			
5. Supervision	275.00	6,930.96	7205.96			
6. Supplies						
(a) Timber	6.00	2371.07	2,377.07			
(b) Explosives	—	853.56	853.56			
(c) Repair Parts	—	—	—			
(d) Other	181.83	1,617.25	1,799.08			
7. Power	—	375.19	375.19			
8. Transportation	—	—	—			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
	40.86	976.22	1,017.08			
10. Contract Work	—	149.60	149.60			
11. Other (specify) **	7.50	3.35	10.85			
Total	1,369.17	26,026.38	27,395.55			
Deletions						
Adjusted totals	1,369.17					
Totals previously reported		26,026.38				
Totals to date			27,395.55			

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Thomas E Howard
Amount approved for payment
Remarks

* Includes prorated truck rental $58.95 and prorated rental compressor $156.67
** Medical examination for employee

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF [illegible], 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes *	846.84	197.46	172.01	37.42	1,253.73	Lineal	feet 14.5	56.5	71.0	100
Drill holes										
Overburden										
Rehabilitation and preparation	70.52	18.16	15.82	3.44	107.94	Misc.	underground			
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Med. examination				7.50	7.50					
Totals	917.36	215.62	187.83	48.36	1,369.17					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

* Includes all hoisting and tramming

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
May 26, 1938
(Amended August 15, 1941)

COPY

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____
Bu. Vou. No. DMA-30

GENERAL ACCOUNTING OFFICE PREAUDIT
Certified for payment in the sum of $_____
Comptroller General of the United States
By _____

U. S. Department of the Interior, Bureau of Mines,
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 10/18/51
(Give place and date)

THE UNITED STATES, Dr.,

To United Minerals Reserve Corporation
(Payee)

Address Felt Building, Salt Lake City 1, Utah
Payee's Account No. _____

PAID BY
(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms _____% Discount Cash _____ days	Quantity	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
		Brought forward from continuation sheet(s)					
	9/1-30/51	Per attached certified form MF-104, dtd 10/12/51				2,583	60

Shipped from _____ to _____ Weight _____ Government B/L No. _____ Total 2,583 60

(Payee must NOT use this space)
Differences _____
Account verified; correct for 2,583 60
(Signature or initials) _____

Contract No. IDMA-E18 Date 6/22/51 Req. No. _____ Date _____ Invoice Rec'd _____

2,583.60

MEMORANDUM

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n or Proj't *Amount*	Appropriation *Amount*
14X4401	Revolving Fund, Defense Production Act, Interior	2,583.60	2,583.60

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. _____ dated _____, 19____, for $_____ { on Treasurer of the United States in favor of payee named above.
Cash, $_____, on _____, 19____, Payee _____
(Sign original only)

* 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.
† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below "Approved for $_____", and over his official title.

16—22900a-1

Per _____
Title _____

METHOD OF OR ABSENCE OF ADVERTISING

(Section 3709 of the Revised Statutes)

1. After advertising in newspapers.
2. (*a*) After advertising by circular letters sent to _____ dealers.

   (*b*) And by notices posted in public places.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made. The notation on the certificate on the face of the voucher must be "2(*a*) (*b*)" or "2(*a*)", depending on whether or not notices were posted.)

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with _____
5. Without advertising, it being impracticable to secure competition because of _____

_____

_____

_____

_____

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, Supplement No. 6, General Accounting Office, Aug. 20, 1930.)

U. S. GOVERNMENT PRINTING OFFICE: 1946 O-88934

16—22900-1

MF-104
(August 1951)
April

30
Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E

Name of Operator UNITED MINERALS RESERVE CORPORATION
Docket No. DMA -81
Total Contract Amount $ 104,000.00
Government Participation: 50 % Amount, $
Distribution of Expenditures for Month of SEPTEMBER, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

Defense Minerals Administration
RECEIVED
MAR 10 1952

CERTIFICATION

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.

UNITED MINERALS RESERVE CORPORATION
(Name of Company)

By /S/ Harold R. Covey
(Signature of Authorized Official)

OCTOBER 12, 1951
(Date)

VICE-PRESIDENT
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT

Distribution of Expenditures for Month of September, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date
Wages and salaries	3,057.38	6,862.86	9,920.24
Equipment purchase	575.00	3,810.28	4,385.28
Equipment rental	657.80 *	315.02	972.82
Buildings	150.60	1,099.14	1,249.74
Explosives	- -	323.16	323.16
Repair parts	- -	- -	- -
Other supplies	429.03	3,344.33	3,773.36
Power	74.92	176.00	250.92
Transportation	- -	- -	- -
Withholding taxes	(250.30)	(624.38)	(874.68)
Compensation insurance	218.96	569.26	788.22
Other insurance	- -	- -	- -
Contract work	3.50	143.10	146.60
Other (specify)	= =	- -	- -
TOTAL	5,167.19		21,810.34
Totals previously reported		16,643.15	
Totals to date			21,810.34

* Includes: Truck rental at $187.80 and Compressor rental at $470.00.

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF SEPT.

Type	Number	Man-Shifts	Rate	Total
Miners	2	27 1/8	$12.32	$ 334.18
Muckers	1	18	11.84	213.12
Trammers	1	15 4/8	12.32	190.96
Timbermen				
Pumpmen				
Hoistmen	1	18 2/8	12.32	224.84
~~XXXXXXXX~~ Shaftmen	2	51	13.16	671.16
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters	1	16.2/8	12.64	205.40
Drill runners				
Drill helpers				
Teamsters				
Manager) Superintendent) Engineers)	1	Prorated	(500.00/mo.)	500.00
Geologists	1	Prorated	(200.00/mo)	200.00
Bookkeeper				
Foreman	1	Prorated	(400.00/mo.)	400.00
Clerks) Secretarial & Stenographers) Accounting	1	Prorated	(100.00/mo.)	100.00
Other Contract differential "bonus"*		(18½)	(0.9578)	17.72
TOTAL				3,057.38

* Amount over gross wages for period as against "contract" unit rates.

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(*d*) Fixtures						
4. Labor [3]						
5. Supervision						
6. Supplies						
(*a*) Timber						
(*b*) Explosives						
(*c*) Repair Parts						
(*d*) Other						
7. Power						
8. Transportation						
9. Insurance						
(*a*) Fire						
(*b*) Public Liability						
(*c*) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total						
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

Note.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by _____

Entered by _____

Approved by _____

Amount approved for payment _____

Remarks _____

_____

_____

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF SEPTEMBER, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes *	2,060.05	822.57	336.26	149.60	3,368.48	Lin.Ft.	18	7	25	100
Drill holes										
Overburden										
Rehabilitation and preparation	520.92	214.08	87.51	38.02	860.53	Misc.				
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) Buildings	476.41	196.15	230.78	34.84	938.18					
Totals	3,057.38	1,232.80	654.55	222.46	5,167.19					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

* Includes all hoisting and tramming

UNITED MINERALS RESERVE
CORPORATION
518 Felt Building
Salt Lake City 1, Utah

October 12, 1951

A. W. Weissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
So. 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-81

Dear Mr. Weissenborn:

Following is a brief narrative of progress made relative to execution by the operator under Exploration Project Contract No. I-DMA-E-13. Period covered by this report and other data submitted herewith is from September 1, to 30, 1951.

As in the previous period of August, the work performed during the past month was directed mainly to the sinking project below the No. 6 level of the Homestake mine. Hereafter this particular heading may be referred to as the Homestake 602 Winze. Advance was made in this heading of 18 lineal feet. A crumpled zone containing black, carbonaceous gouge was encountered and the ground was extremely difficult to hold. This resulted in the dimensions of the winze being somewhat larger than the proposed 5' x 8' (in the clear); rather, its cross dimension averaged 6' x 12' or a total of approximately 1,296 cu. ft of ground being removed in this period.

Certain delays in advance resulted from the loose ground and more timber was required than is normal for most work within the Homestake vein. Also during this period, installation of a hoist and skip was completed. It was found that insufficient head room had been taken previously for the hoist room at the top of the winze. Therefore, another 3 or 4 feet will be taken out of the "back" when convenient.

It may be recalled that previous reference was made to a stringer of fine-grained sulphide ore containing mostly sphalerite occurring on the foot wall of the vein in this hoist raise. For your information, a 12-inch channel cut sample was taken on this streak in the face of the raise and assayed as follows:

Ag 13.6 oz; Pb 17.4%; Zn 43.8%;

A minor amount of rehabilitation consisting mostly of track repair continued during this period along the No. 6 haulage level. A system of

U. S. BUREAU OF MINES
RECEIVED
OCT 1 1951
ALBANY, OREGON

ventilation for the face was arranged by installation of vent pipe and an air-lock door, thus utilizing the natural air circulation of the mine. This proved to be very satisfactory.

Construction included installation of shower facilities in the "dry" portion of the main portal building; installation of a pipe storage rack; minor repairs to the blacksmith shop; and dismantling and salvage of materials of an existing, uninhabitable miners' cabin.

The only unusual difficulties encountered during this period was the sloughing ground in the 602 winze. However, at the close of the period, progress had gone beyond this zone and the rock appeared harder and thus more likely to stand well.

I trust this brief report is sufficient for your requirements and meets with your approval.

Respectfully submitted,

UNITED MINERALS RESERVE CORPORATION

Harold A. Covey

Harold A. Covey - Vice President

HAC/md

U. S. BUREAU OF MINES
RECEIVED
OCT 1 5 1951
ALBANY, OREGON

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
May 26, 1938
(Amended August 15, 1941)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____
Bu. Vou. No. DMA-10

GENERAL ACCOUNTING OFFICE PREAUDIT
Certified for payment in the sum of $_____
Comptroller General of the United States
By _____

U. S. Dept. Interior, Bureau Of Mines,
(Department, bureau, or establishment)
Voucher prepared at Albany, Oregon 9/27/51
(Give place and date)
THE UNITED STATES, Dr.,
To United Minerals Reserve Corporation
(Payee)
Address Felt Building, Salt Lake City, 1, Utah
Payee's Account No. I-DMA-E18

PAID BY
(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms _____% Discount Cash _____ days	Quantity	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
		Brought forward from continuation sheet(s)					
	August 1 to August 31, 1951	Per attached certified Form MF-104, dated September 10, 1951				2,348	34

Shipped from _____ to _____ Weight _____ Government B/L No. _____ Total 2,348 34

(Payee must NOT use this space)
Differences _____
Account verified; correct for 2,348 34
(Signature or initials) _____

Contract No. I-DMA-E18 Date 6/22/51 Req. No. _____ Date _____ Invoice Rec'd _____

2,348.34

MEMORANDUM

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n or Proj't Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior	2,348.34	2,348.34

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. _____ dated _____, 19____, for $_____ } on Treasurer of the United States in favor of payee named above.
{ Cash, $_____, on _____, 19____, Payee _____ }
(Sign original only)

* 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.
† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below "Approved for $_____", and over his official title.

16—22900a-1

Per _____
Title _____

METHOD OF OR ABSENCE OF ADVERTISING

(Section 3709 of the Revised Statutes)

1. After advertising in newspapers.
2. (*a*) After advertising by circular letters sent to _____ dealers.
   (*b*) And by notices posted in public places.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made. The notation on the certificate on the face of the voucher must be "2(*a*) (*b*)" or "2(*a*)", depending on whether or not notices were posted.)

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with _____
5. Without advertising, it being impracticable to secure competition because of _____

_____

_____

_____

_____

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, Supplement No. 6, General Accounting Office, Aug. 20, 1930.)

U.S. GOVERNMENT PRINTING OFFICE: 1946 O-88934 16—22900-1

MF-104
(August 1951)

April

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E

Name of Operator UNITED MINERALS RESERVE CORPORATION
Docket No. DMA -81
Total Contract Amount $ 104,000.00
Government Participation: 50 % Amount, $
Distribution of Expenditures for Month of August, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

MAR 10 9 00 AM '52
DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

CERTIFICATION

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.

UNITED MINERALS RESERVE CORPORATION
(Name of Company)

By /S/ Harold A. Corey
(Signature of Authorized Official)

September 10, 1951
(Date)

Vice-President
(Title)

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

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT

Distribution of Expenditures for Month of August, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date
Wages and salaries (gross)	2,948.36	3,914.50	6,862.86
Equipment purchase	495.60	3,314.68	3,810.28
Equipment rental	111.02	204.00	315.02
Buildings	297.63	801.51	1,099.14
Explosives	36.71	286.45	323.16
Repair parts	--	--	--
Other supplies	409.48	2,934.85	3,344.33
Power	101.08	74.92	176.00
Transportation	--	--	--
Withholding taxes	(268.53)	(355.85)	(624.38)
Compensation insurance	202.20	367.06	569.26
Other insurance	--	--	--
Contract work	94.60*	48.50	143.10
Other (specify)	--	--	--
TOTAL	4,696.68		16,643.15
Totals previously reported		11,946.47	
Totals to date			16,643.15

*(Includes contract skip & car repair at $84.10 plus ~~assays at~~ $10.50.)

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF AUG

Type	Number	Man-Shifts	Rate	Total
Miners ("company time" only)	5	104 4/8	$12.31	$1,286.39 (-)
Muckers	1	25 6/8	11.78	303.34 (+)
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters	1	25 3/8	12.60	319.73 (+)
Drill runners				
Drill helpers				
Teamsters				
Manager, Superintendent, Engineers	1	Prorated	(500.00/mo.)	359.96
Geologists	1	"	(200.00/mo.)	143.98
Bookkeeper, Foreman	1	"	(350.00/mo.)	287.97
Clerks, Stenographers (Accounting & Secretarial)	1	"	(100.00/mo.)	71.99
Other Contract labor-miners		10	(see note)	175.00
TOTAL				2,948.36

(NOTE: Contract labor includes 2 of 5 miners sinking winze (see unit costs); 7' advance at $25/ft.=$175.)

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(*d*) Fixtures						
4. Labor[3]						
5. Supervision						
6. Supplies						
(*a*) Timber						
(*b*) Explosives						
(*c*) Repair Parts						
(*d*) Other						
7. Power						
8. Transportation						
9. Insurance						
(*a*) Fire						
(*b*) Public Liability						
(*c*) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total						
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

Note.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by _____

Entered by _____

Approved by _____

Amount approved for payment _____

Remarks _____

_____

_____

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF August, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes	1,770.06	518.12	380.39	119.80	2,788.37	Lin. Ft.	7	0	7	100
Drill holes							(plus	cutting	skip pocket-transfer)	
Overburden										
Rehabilitation and preparation	480.48	145.87	68.30	33.72	728.37	Misc.				
Geology and geophysics										
Trenching										
Sampling and assaying				10.50	10.50					
Roads and trails										
Test pits										
Other (specify) Buildings**	697.82	26.73	396.21	48.68	1,169.44	--				
Totals	2,948.36	690.72	844.90	212.70	4,696.68					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

* Includes payroll taxes & insurance.
** Includes change room, ore bins, powder mag., etc.

September 10, 1951

A. S. Meissenborn, Executive Officer,
DMA Field Team, Region II
U.S. Department of the Interior
Rm. 157 Howard Street
Spokane 4, Washington

RE: Docket No. DMA-81

Dear Mr. Meissenborn:

Following is a brief narrative of progress made relative to execution by the operator under Exploration Project Contract No. I-DMA-E-18. Period covered by this report and other data submitted herewith is from August 1, to 31, 1951.

The main work performed during this period was directed to the winze project on the No. 6 tunnel level of the Homestake mine. A raise above the level was driven for installation of the hoist and for a transfer pocket from the winze to the main haulage level, approximately 3,000 cu. ft of ground being removed for this installation. Actual sinking below the level was started and 7 ft. of advance was gained by the end of the period. The general cross-dimension of the proposed winze will be 5 x 8 ft.; or one and one-half - compartments permitting a skip- and man-way. The winze is being sunk down the dip of the vein at approximately -55° and the advance cited above represents approximately 280 cu. ft. of ground removed.

It may be noted that a stringer of sphalerite, observed in the drift on the footwall at a thickness of about 4 in., persisted up into the hoist raise and increased in thickness to about 12 in. A sample taken on this streak (at about its 8 in. thickness) assayed as follows:

Au Tr.; Ag 7.60 oz.; Pb 6.40%; Zn 38.60%.

It is not planned to mine this streak for obvious economic reasons. Further, its occurrence is in a siliceous section of the vein which has heretofore been found to contain less intense mineralization than the more calcareous portions. It is noted here merely as a minor point of interest.

U. S. BUREAU OF MINES
RECEIVED
SEP 19 1951

To: A. E. Weissenborn, Executive Officer September 10, 1951

A minor amount of rehabilitation is continuing along No. 6 Level. This consists mainly of track repairs and some retimbering as it appears necessary.

Additional construction and repairs to existing facilities in the vicinity of the portal of the No. 6 Homestake level continues, but is nearly completed. The ore bins, powder magazine and existing portal shed were all repaired. Finishing construction, such as roofing, was done on the combination compressor-warehouse - change room building. There remain only a few minor items yet to be done on this building such as installation of shower facilities for the change room portion.

No unusual difficulties were encountered in any of the work during this period. Slight delays were encountered because of a "bottle neck" in tramming from the mine area to the portal. However, as set forth in our letter to you of September 7, 1951, steps are being taken to alleviate this condition.

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

Respectfully submitted,

UNITED MINERALS RESERVE CORP.

Harold A. Covey,
Vice President

HAC/md

U. S. BUREAU OF MINES
RECEIVED
SEP 13 1951
ALBANY, OREGON

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
May 26, 1938
(Amended August 15, 1941)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____
Bu. Vou. No. DMA-8

GENERAL ACCOUNTING OFFICE PREAUDIT
Certified for payment in the sum of $_____
Comptroller General of the United States
By _____

U. S. Interior, Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon, Sept. 13, 1951
(Give place and date)

THE UNITED STATES, Dr.,

To United Minerals Reserve Corporation
(Payee)

Address 518 Felt Bldg. Salt Lake City 1, Utah
Payee's Account No. _____

PAID BY
(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms _____% Discount Cash _____ days	Quantity	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
		Brought forward from continuation sheet(s)					
	June 22-July 31, 1951	Per attached certified Form MF-104, dated August 25, 1951				5,973	23

Shipped from _____ to _____ Weight _____ Government B/L No. _____ Total 5,973 23

(Payee must NOT use this space)
Differences _____
Account verified; correct for 5,973 23
(Signature or initials) _____

Contract No. T-DMA-E18 Date 6/22/51 Req. No. _____ Date _____ Invoice Rec'd _____

5,973.23

MEMORANDUM

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n or Proj't Amount	Appropriation Amount
14X4401	Revolving Fund, Defense Production Act, Interior		5,973.23

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. _____ dated _____, 19____, for $_____ } on Treasurer of the United States in favor of payee named above.
{ Cash, $_____, on _____, 19____, Payee _____ }
(Sign original only)

* 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.
† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below "Approved for $_____", and over his official title.

Per _____
Title _____

16—22900a-1

METHOD OF OR ABSENCE OF ADVERTISING

(Section 3709 of the Revised Statutes)

1. After advertising in newspapers.

2. (*a*) After advertising by circular letters sent to _____ dealers.

   (*b*) And by notices posted in public places.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made. The notation on the certificate on the face of the voucher must be "2(*a*)(*b*)" or "2(*a*)", depending on whether or not notices were posted.)

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.

4. Without advertising in accordance with _____

5. Without advertising, it being impracticable to secure competition because of _____

_____

_____

_____

_____

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, Supplement No. 6, General Accounting Office, Aug. 20, 1930.)

U.S. GOVERNMENT PRINTING OFFICE: 1946 O-88934

16—22900-1

MF-194
(August 1951)
April

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E

Name of Operator UNITED MINERALS RESERVE CORPORATION
Docket No. DMA 81
Total Contract Amount $ 104,000.00
Government Participation: 50 % Amount, $
Distribution of Expenditures for Month of July, 1951 *

* Includes June 22-30/July 1-31

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.
MAR 10 9 00 AM '52

CERTIFICATION

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.

UNITED MINERALS RESERVE CORPORATION
(Name of Company)

By /S/ Harold A. Corey
(Signature of Authorized Official)

August 13, 1951 (Original filing)
August 25, 1951 (Amended filing)
(Date)

Vice President
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities	ITEM					
	Wages and salaries (gross)			3,914.50	nil	3,914.50
	Equipment purchase			3314.68	-	3314.68
	Equipment rental			204.00	-	204.00
	Buildings			801.51	-	801.51
(b) Buildings	Explosives			286.45	-	286.45
	Other supplies			2934.85	-	2934.85
	Power			74.92		74.92
	Withholding taxes			--	-	--
	Compensation Insurance			367.06	-	367.06
(c) Fixtures	Contract work			48.50	- -	48.50
	TOTAL			11,946.47		11,946.47
	TOTALS PREVIOUSLY REPORTED			-		-
	TOTALS TO DATE			11,946.47		11,946.47
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

MONTHLY SUMMARY COST STATEMENT

Distribution of Expenditures for Month of July, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date
Wages and salaries (gross)	3,914.50	nil	3,914.50
Equipment purchase	3,314.68	"	3,314.68
Equipment rental	204.00	"	204.00
Buildings	801.51	"	801.51
Explosives	286.45		286.45
Repair parts	--		--
Other supplies	2,934.85	"	2,934.85
Power	74.92	"	74.92
Transportation	--		--
Withholding taxes	(355.85)	"	(355.85)
Compensation insurance	367.06		367.06
Other insurance	--		--
Contract work	48.50		48.50
Other (specify)			
TOTAL	11,946.47	nil	11,946.47
Totals previously reported	nil	nil	nil
Totals to date	11,946.47	nil	11,946.47

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF _____

Type	Number	Man-Shifts	Rate	Total
Miners	5	120 6/8	12.31	$1,486.43
Muckers	2	43	11.78	506.54
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters	2	~~31 6/8~~	~~12.60~~	~~400.05~~
		~~32 6/8~~	~~12.32~~	~~403.48~~
Drill runners				
Drill helpers				
Teamsters				
Manager, Superintendent, Engineers	1	Prorated	(500.00/mo.)	520.00
Geologists	1	"	(200.00/mo.)	169.00
Bookkeeper				
Foreman	1	"	(350.00/mo.)	364.00
Clerks				
Stenographers				
Other ACcounting & Secretarial)	1	"	(100.00/mo.	65.00
TOTAL				$3,914.50

MONTH[redacted] SUMMARY COST STATEMENT—C[redacted]nued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(*d*) Fixtures						
4. Labor [3]						
5. Supervision						
6. Supplies						
(*a*) Timber						
(*b*) Explosives						
(*c*) Repair Parts						
(*d*) Other						
7. Power						
8. Transportation						
9. Insurance						
(*a*) Fire						
(*b*) Public Liability						
(*c*) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total						
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

Note.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by .....

Entered by .....

Approved by .....

Amount approved for payment .....

Remarks .....

.....

.....

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF July, 1951 *

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3] **	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting							(INITIAL	REPORT)		
Raising										
Shafts										
Winzes	905.65	1,453.54	739.86	84.79	3,183.84	(Cutting winze		station)	0	100'
Drill holes										
Overburden										
Rehabilitation and preparation	1,262.57	1,997.14	1,751.69	152.69	5,164.09	(Misc.)				
Geology and geophysics										
Trenching										
Sampling and assaying				14.00	14.00					
Roads and trails										
Test pits										
Other (specify) Buildings	1,746.28	68.00	801.51	164.08	2,779.87					
Inventory			804.67		804.67					
Totals	3,914.50	3,518.68	4,097.73	415.56	11,946.47					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

* Includes June 22-30/July 1-31
** Payroll taxes & insurance, plus welding under Rehabilitation

August 10, 1951

A. E. Weissenborn, Executive Officer, DMA
Field Team, Region II
U. S. Department of the Interior
So. 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-81

Dear Mr. Weissenborn:

Hereby submitted is a brief narrative of progress made relative to execution by the operator of the work under Exploration Project Contract (Docket No. DMA-81) between United Minerals Reserve Corporation and the United States of America. The period covered by this report is June 22 to July 31, 1951.

Before execution of the Exploration Project Contract, the operator had proceeded with some of the preliminary work as proposed thereunder. The rehabilitation of the No. 6 Level of the Homestake Mine appeared to be a lengthy and costly job and it was believed, therefore, that all delays possible should be avoided. The operator attempted to reach the face of this level while doing only the absolute minimum amount of retimbering during the initial work. Consequently, it was made accessible on a temporary basis to the face, which included the area from which the winze was planned to be sunk. However, following this work there remain certain areas along this level which will require retimbering as time will allow.

The point from which it was deemed advisable to sink said winze was ascertained both from a geological and physical point of view, with due regard to balanced proximity of potential lower ore-shoots. Approximately 1600 cubic feet of ground was taken out for a shaft station with regard for double trackage loading and hauling arrangements and minor storage at the top of the proposed winze. Three station sets of timber were stood in this vicinity and as the period closed, work was being commenced to raise above the level for the hoist station and rock transfer chute for haulage.

Upon breaking the station as far toward the hanging wall as was planned, further information was gained by driving a drill hole out beyond the wall for a distance of 6 feet and obtaining sludge samples of the cuttings with every change of steel, or at 18-inch intervals. No commercial ore was encountered in this hole and the assays gained therefrom are shown on the accompanying sketch.

A considerable amount of work was done on reconditioning the portal plant of the No. 6 Homestake level. The dump was re-graded, some old buildings dismantled (with most materials salvaged), some minor repairs made to the existing shed directly at the portal and a new, combination compressor-change room-warehouse was constructed just to the south of the portal on the dump level. This work was mainly completed at the close of the period with only a few minor items remaining.

No major difficulties were encountered in any of the work, with the exception that portions of the existing air pipe extending along the No. 6 Level were found to be in bad condition, requiring some replacement and recoupling. Rehabilitation, including further air line replacement, along this level is continuing.

Respectfully submitted,

UNITED MINERALS RESERVE CORPORATION

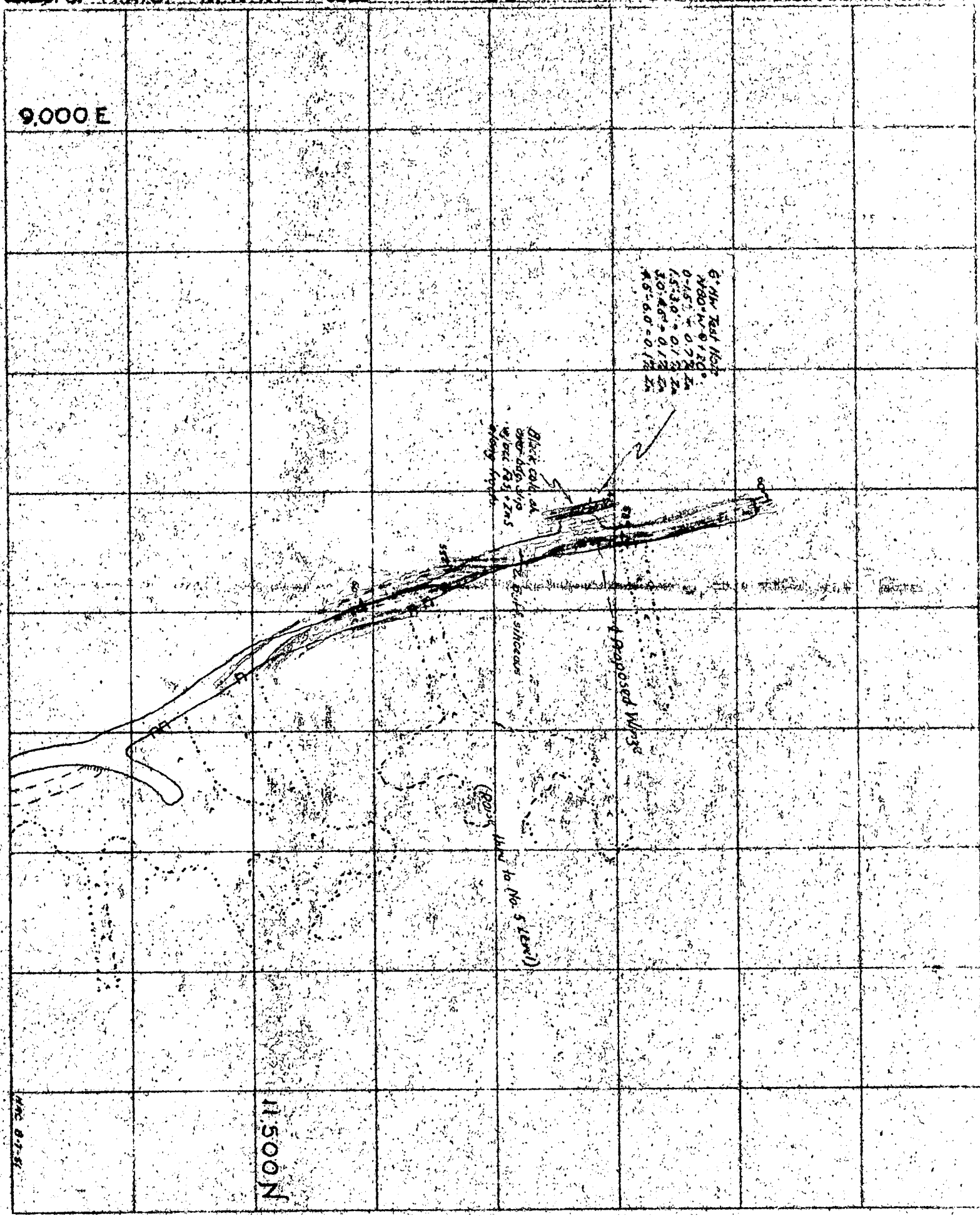
Harold A. Covey

H. A. Covey, Vice President

HAC:jhl

U. S. BUREAU OF MINES
RECEIVED
SEP 7 1951
SPOKANE, OREGON

LOCATION LAZIE CREEK, BLAINE MINE HOMESTAKE LEVEL NO. 6 (WINZE)
SURVEY BRUNTON-TAPE H.A.C. (U.M.R.C. ~ DMA-81) POSITION PLAN
GEOLOGY BY H.A.C. ~ M.W.R. SCALE 1" = 50' DATE JULY 31, 1951



HAC 8-7-51