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

500

August 4, 1958

MEMORANDUM:

To: Mr. Wingfield N. 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-2051	Centrida Mines, Inc.
DMEA-432	Idm-51	Mines Management, Inc.
DMEA-51	Idm-518	United Minerals Corporation
DMEA-1166	Idm-676	American Zinc, Lead & Smelting Co.
DMEA-390	Idm-663	Highland-Surprise Cons. Mining Co.
DMEA-125	Idm-681	Bennett Mining Company
DMEA-981	Idm-688	Idaho Mining Company
DMEA-525	Idm-2137	Spokane Mining Syndicate
DMEA-1877	Idm-2155	William Mulcahy
DMEA-652	Idm-5177	South Mt. Mining & Concentrating Co.
DMEA-1596	Idm-5184	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	Buchman, Brecken and Nordan
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	Hypothesis Mining and 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 H. 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 31, 1957

The following projects have been inactive throughout the reporting period:

DMEA No.	Contract No.	Name of Operator
2260	Idm-1246(amended)	Pohl and Hogan
2123	Idm-1228	Pacific Northwest Mining Co.
1175	Idm-2251	Amador Mining Company (assignee of Kootenay Copper Mines)
1877	Idm-1155	William Mulvany
2420	Idm-1380	Hypothesis Mining & Milling Company
2166	Idm-1208	Farmer Mine Enterprises
1959	Idm-1223	Fairway Uranium Corporation
3142	Idm-2644	Moon Sound Company

Please note that the property covered by DMEA-3142 has been abandoned and the mill and all structures removed, and the mine allowed to fill with water. It is most unlikely that this property will ever again be operated.

W. R. Griswold

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

8623

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the period January 1 - June 30, 1957

Base Metals Division Date February 13, 1958

Semi-Annual Report - Certified Project Date

DMEA No. 1959 Operator Hoodoo Mine Contract No. Idm-E 223

Fairway Uranium Corp - Lessee
(Wylie M. Gardner)

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	93,000	Zn. 8.3
Increase (Operator)		
Total		
Decrease (Production)		
Net Available		

Investment

Shafts

Size	Feet	Cost

Winzes

Size	Feet	Cost

Drifts & Crosscuts

Size	Feet	Cost
5' x 7'	416	$16,000.00

Raises

Size	Feet	Cost

Drilling

Type & Size	Feet	Cost

Rehabilitation

Description	Cost

Facilities

Mine Plant

Description	Cost

Mill

Description	Cost

Roads

Description	Cost

Remarks

W. R. Griswold/er

100338

DEFENSE MINERALS EXPLORATION ADMINISTRATION

To JANUARY 1, 1956

Base Metals HRY Division Date June 8, 1956

Semi-Annual Report - Certified Project Date December 10, 1955

DMEA No. 1959 Operator Hoodoo Mines Contract No. Idm-E 223

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)	No change	
Total		
Decrease (Production)	No change	
Net Available		

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
							Several hundred feet	

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

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

As a result of the ore indicated by diamond drilling under the DMEA project the lessee, Fairway Uranium Company has leased the property and is doing additional work, they have completed several hundred feet of underground workings.

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 27 1958

DATE	INITIALS	CODE
1/28	C	220
1/28	Com.	100

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: July 1 to December 31, 1957

Date of exam: December 9, 1957

Operator: Wylie M. Gardner and L. R. Vance, partners
Box 1286, Wallace, Idaho

Lessee: Fairway Uranium Corp., Clayton, Idaho

Mine name: Hoodoo

County and State: Custer County, Idaho

Docket number and commodity: DMEA-1959 (zinc-lead)

Contract number: Idm-E223

Property inactive. No change in royalty status since report of July 1 to December 31, 1956.

No work has been done at the Hoodoo mine since the last inspection on June 8, 1957, according to Mr. David A. Fisher, one of the owners interviewed at Clayton, Idaho.

The Fairway Uranium Corp. still retain a lease on the property.

Signed: Wm. M. Romischer (Engineer)

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

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 8, 1957

Operator: Wylie M. Gardner and L. R. Vance, partners, Box 1286, Wallace, Idaho

Lessee: Fairway Uranium Corp., Clayton, Idaho

Mine name: Hoodoo

County and State: Custer County, Idaho

Docket number and commodity: DMEA-1959 (zinc-lead)

Contract number: Idm-E223

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 11 1957

DATE	INITIALS	CODE
7/11	E.K.	220
11	Com	100
7/15	[illegible]	500

Project inactive. The royalty status remains the same as reported for the period of July 1 to December 31, 1956.

Some work was done during the late summer and fall of 1956. The upper tunnel which cut a 29-ft. vein of zinc ore was inspected. This deposit is zinc ore, sphalerite replacing limestone. The consulting geologist, Mr. Giullotte, reports it to be 240 feet long.

A revised estimate of DMEA reserves has been made by the lessee:

50,200 tons 15.3% Zn (lessee's estimate of higher grade zinc)
118,500 tons 10.5% Zn (lessee's estimate of total tonnage)

Investment Data: Drifts and crosscuts now total 416 feet at an approximate cost of $16,000.

Signed: D. D. Walker (Engineer)

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

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT

Date 7/11

Referred to:

1. ~~Mrs. Mittendorf~~
2. ~~Mrs. Johnson~~
3. ~~Mrs. Chamberlin~~
4. Docket Control Mails and Files
5. ~~Division~~
6. Docket Control Mails and Files
7. 500

Note comments in report regarding:

1. Revised ore estimates
2. (by lessee)
3.
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

None

Robert E. Adams

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

July 10, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 15 1957

DATE	INITIALS	CODE
7/15	C	220
7/15		800
7/15		500

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1959 (zinc-lead)
Gardner and Vance
Hoodoo Mines
Custer County, Idaho
Amended Contract No. Idm-E223

Dear Mr. Selfridge:

Enclosed are four copies of a report by George B. Guillotte, consulting engineer for Fairway Uranium Corporation, lessee, which summarizes the results of exploration at the Hoodoo mine during the 1956 working season. As of June 8, 1957 the property was inaccessible and it is not known if any work will be done during 1957.

This report adds important information on this property.

Sincerely yours,

Wing G. Agnew
Acting Executive Officer
DMEA Field Team, Region I

Enclosure

Report

cc: USGS (2)

THE GROUP OF CLAIMS COMPRISING THE HOODOO MINE SITUATED WITHIN THE BOULDER MINING DISTRICT CUSTER COUNTY, IDAHO

The property was re-examined between September 14 and 19, and a transit and chain survey was made to tie in the collars of Diamond Drill Holes with the upper Cross-cut. The results of this survey are attached and indicate the progress and findings made since July 30, 1957.

The Cross-cut was advanced 55 feet during the seven week period under consideration and penetrated the ore zone indicated in diamond drill holes No. 12,4,11,10 and 3. This Cross-cut intersected the ore zone 300 feet to the West of the portal set and remained in continuous commercial grade ore across 29 feet of vein width. The ore zone was penetrated 60 feet below and 105 feet North of the bottom of D.D. Hole #12 from which a substantial increase in the previously estimated minimum tonnages may be inferred.

Sampling was accomplished by taking a portion of each car of muck from each round drilled through the mineralized zone as shown in the following tabulation:

Sample No.	Description	Taken From'	Taken To'	Assays Oz. Au	Oz.Ag	%Cu	%Pb	%Zn
1	Select Ore	300'	302'	0.01	0.6	ND	Tr	25.7
2	Select ore	300'	302'	0.01	0.6	ND	0.7	15.6
463	Grab from muck	307'	311'	0.02	0.2	ND	2.1	6.3
464	10 cars muck	307'	311'	Tr	0.4	ND	0.6	8.9
465	11 cars muck	311'	314'	0.03	0.1	ND	1.0	9.4
466	12 cars muck	314'	318'	0.005	0.5	ND	0.9	9.1
467	10 cars muck	318'	322'	0.1	0.1	.03	0.1	17.1
468	12 cars muck	322'	326'	0.003	0.0	Tr	0.12	16.3
469	10 cars muck	326'	329'	Tr	0.0	.05	0.15	5.8
470	12 cars muck	329'	333'	0.15	Tr	.00	0.0	1.7

Sample No. 1, 2 & 3 from 299' to 307' were taken before car sampling was initiated. However the mineralization appears to be similar to the adjoining material observed and sampled from 307' to 318' which gives a width of 19' to 327' gives 9' averaging Au Tr; Ag none; Pb 0.11%; Zn 16.7%.

The 9' of material on the foot-wall averaging 16.7% Zinc could be mined seperately if desired or the full 28' width of vein could be mined to yield 11.2% Zn.

This Cross-cut confirms the assumption made on page 4 paragraph 5 of July 30th report, and justifies the expectancy of ore continuity for an additional strike length of 100' and depth of 60' at an average width of 8' and grade of 16.7% Zn for the northern 100' of ore zone penetrated.

For the higher grade zone the indicated tonnage and grade would now be:

260' x 200' x 7' -- 11.3 equals 32,000 tons of 14.5% Zn
260' x 100' x 8' -- 11.3 equals 18,200 tons of 16.7% Zn
Total Higher grade 50,200 tons of 15.3% Zn

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 15 1957
DATE
CODE

The weighted average total tonnage and grade for the ore zone as indicated by diamond drill holes and cross-cut would now be:-

260' x 200' x 14' -- 11.5	equals 64,000	tons of	9.87% Zn
260' x 100' x 21' -- 11.5	equals 54,500	tons of	11.2% Zn
Total indicated ore	118,500	tons	10.5% Zn

The above tonnages and grades represent a very small percentage of this potentially productive ore zone. Additional tonnages are to be expected and drifting to north and south in this zone should rapidly undercut additional mineralization to increase ore reserves.

All of the Zinc ore so far encountered occurs as sphalerite replacing limestone and there is no evidence of oxidation of the zinc sulphide mineral or of the very minor amounts of copper and lead sulphides which are present. The ore zone is practically iron free so it is believed a relatively simple flow sheet will yield a premium grade zinc concetrate.

The Cross-cut should be continued to the West to penetrate a parallel mineral zone which shows the presence of considerable galena along its outcrop before drifting in the above described zinc bearing zone is undertaken. It is estimated an additional 60' of cross-cut should penetrate this parallel zone which from surface indications should be similar to the zinc bearing zone just cut except for the presence of considerable galena.

Unfortunately the diamond drill holes above described were all bottomed within a few feet after cutting the zinc bearing zone and did not reach the parallel galena bearing vein 60' to the west.

It is believed the possibilities for developing direct shipping ore from this galena bearing vein are excellent, therefore it is recommended that this objective be reached before drifting is commenced in the recently penetrated zinc ore zone.

DATED 20 September 1956

George B. Guillotte, Consulting
Mining and Geological Engineer

RECEIVED
JAN 22 1957
D.M.E.A.

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. 11, 1956

Operator: Wylie M. Gardner and L. R. Vance, partners,
Box 1286, Wallace, Idaho
Fairway Uranium Corporation, Clayton, Idaho (lessee)

Mine name: Hoodoo

County and State: Custer County, Idaho

Docket number
and commodity: DMEA-1959 (zinc-lead)

Contract number: Idm-E223

Date of contract: January 24, 1952

Date of certification: May 14, 1953

Expiration date of royalty payments: January 24, 1962

Total amount of contract: $46,270.00

Total expenditures under contract: $ 7,736.12

Amount of Government participation at 50%: $ 3,868.06

Royalty payments this period: none

Previous royalty payments: none

Total royalty payments to date: none

Percent Govt. participation repaid: none

Royalty due on production to date: none

Royalty remarks: Royalty audit by C. E. Fisher, dated August 5, 1955.

ACTION ON INTE 1959
OR FINAL FIELD TEAM REPORT
Date 1.22

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. Investment data
2.
3.
4.

and take appropriate action.

- - - - - - - - - -

Action taken by Division:

Robert E. Adams

Semi-annual report
Contract Idm-E223

	Tons	Analysis
Original estimate of DMEA reserves (from Field Team final report) Mines ___ Survey ___ Joint X	93,000	Indicated 8.3% Zn
	142,000	Inferred 3.6% Zn

Revised estimate of DMEA reserves (Field Team)
Mines ___ Survey ___ Joint ___

Increase of reserves by work performed subsequent to DMEA project work

Although there is an increase in reserves due to exploration by Fairway Uranium Corp., no calculation has been made. Until some idea of length and depth can be obtained, accurate computation is impossible.

Production of DMEA ore	(This period)	none
	(previous)	none
	(to date)	none

Production of Operator's ore found subsequent to DMEA work

(this period)	none
(previous)	none
(to date)	none

Percent of revised reserves mined: none

Production remarks: There has been no production from this property since termination of the contract.

INVESTMENT DATA

Shafts

Size	Feet	Cost

Winzes

Size	Feet	Cost

Drifts and Crosscuts

Size	Feet	Cost
5x7	320	$12,000 (approx.)

Raises

Size	Feet	Cost

Drilling

Type and Size	Feet	Cost

Rehabilitation

Description	Cost
Road repair, camp and mine	$12,000 (approx.)

Facilities

Mine Plant - Mine Machinery

Description	Cost
Drills, compressor, cats, trucks, etc. and accessories	$40,000 (approx.)

Mill

Description	Cost

Roads

Description	Cost

Remarks:

At the time of my visit it was impossible to get to the property because of heavy snowfall in the area. All persons connected with the property had left for the winter. Most of the information presented herein was given in my Memorandum to the Field Team, dated September 25, 1956.

Apparently very little work was done since my visit to the property on September 10, 1956. In moving their compressor from the upper tunnel, an accident occurred in which the compressor and a "cat" were lost down a mountainside.

Signed: D. D. Walker (Engineer)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
September 26, 1956

RECEIVED
OCT - 1 1956

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-1959 (lead-zinc)
Wylie M. Gardner and L. R. Vance
Hoodoo Mines
Custer County, Idaho
Amended Contract No. Idm-E223

Dear Mr. Selfridge:

Enclosed are four copies of a memorandum by D. D. Walker, Mining Engineer, Bureau of Mines, on the Hoodoo Mine, dated September 25, 1956, which we believe will answer the questions raised in your letter of August 27.

The visit to the property was made by Mr. Walker when he was in the vicinity on a routine field trip.

By Field Team, Region I, NW District

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
U. S. Geological Survey

Wing G. Agnew

Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosure

cc: USGS (2)
USBM (AD)

ACTION ON INTERIM
OR FINAL FIELD TEAM REPORT
Date 10-1

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. Supplemental data
2. Investment data
3.
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
September 25, 1956

RECEIVED
OCT - 1 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: D. D. Walker, Mining Engineer, Bureau of Mines

Subject: Interim royalty inspection, Docket No. DMEA-1959 (lead-zinc) Wylie M. Gardner and L. R. Vance, Hoodoo Mines, Custer County, Idaho, Amended Contract No. Idm-E223

The property is under lease at the present time to Fairway Uranium Corporation. At the time of my visit, September 10, 1956, no one was at the property except the wife of the foreman. The following information was obtained verbally from her.

Fairway Uranium has expended about $65,000 to $70,000 to date. This covers cost of machinery, labor, road repair, camp and mine rehabilitation, and 320 feet of drifting on the upper tunnel.

The drift has exposed a 28-30 foot showing of zinc ore, hitherto undetected by earlier exploration. Length and depth are unknown as yet. This ore body assays from 6% to 25.8% Zn and lies in the hanging wall side of the main lead-zinc ore body which was cut by No. 12 DD hole.

Present plans are to prove the lead-zinc ore body which outcrops on the surface and was cut by the No. 12 diamond drill hole. It is estimated to be 20 feet beyond the newly found zinc ore body.

Final plans are to install a mill once the ore bodies have been developed. As part of the development, more drifting is planned in the lower tunnel also.

D. D. Walker

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

RECEIVED
JUL 1 0 1956

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 22, 1956

Operator: Wylie M. Gardner and L. R. Vance, partners, Box 1286, Wallace, Idaho

Mine name: Hoodoo

County and State: Custer County, Idaho

Docket number and Commodity: DMEA-1959 (zinc-lead)

Contract number: Idm-E223

Date of contract: January 24, 1952

Date of certification: May 14, 1953

Expiration date of royalty payments: January 24, 1962

Total amount of contract: $46,270.00

Total expenditures under contract: $ 7,736.12

Amount of Government participation at 50%: $ 3,868.06

Royalty payments this period: none

Previous royalty payments: none

Total royalty payments to date: none

Percent Govt. participation repaid: none

Royalty due on production to date: none

Royalty remarks: Royalty audit by C. E. Fisher, dated August 5, 1955.

ACTION ON INTERIM
OR FINAL FIELD TRIP REPORT
Date JUL 12 1956

Referred to:

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

Note comments in report regarding:

1. Some hope!
Could have enlightened
2. us on what's going
3. on in more detail

4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

Original estimate of reserves (from final Engr.-Geol. report):	Indicated:	93,000 tons 8.3% Zn
	Inferred:	142,000 tons 3.6% Zn
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:

No ore was mined or shipped from the property during the reporting period. Last season the Fairway Uranium Corporation drove 270 feet of exploratory drift toward intersections made in DMEA drill holes. The lessees are continuing work this summer and if the results of their exploration warrant it they intend to build a small mill and further develop the mine.

Other remarks:

"As a result of the ore indicated by diamond drilling under the DMEA project, the Fairway Uranium Corp. has leased the property and is doing additional exploration." describe!

Signed: A. L. Service (Engineer)

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

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-1959
Contract No.: Idm-E223

Operator: Wylie M. Gardner and L. R. Vance, partners, Box 1286, Wallace, Idaho

Commodity: Zinc-lead

Name of mine: Hoodoo

County: Custer
State: Idaho

Date of contract: January 24, 1952

Date of certification: May 14, 1953

Expiration date of royalty payments: January 24, 1962

Date of examination for this report: December 10, 1955

Total amount of contract: $46,270.00

Total expenditures under contract: $ 7,736.12

Amount of Government participation at 50%: $ 3,868.06

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: Royalty audit by C. E. Fisher, dated August 5, 1955

Original estimate of reserves
(from final Engr.-Geol. Report); Indicated: 93,000 tons 8.3% Zn
Inferred: 142,000 tons 3.6% Zn

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:

Fairway Uranium Corporation has obtained a lease on the Hoodoo property from the Fisher brothers, Clayton, Idaho, in order to extend the initial exploratory work. During the past season they have completed several hundred feet of underground workings. No ore has been discovered and no shipments have been made from the property during the period.

Mr. Fred Fisher, co-owner, reported that the leasers were having both operational and financial difficulties and that he did not expect them to hold their lease. There are several other interested parties; therefore, the exploratory work will probably be continued.

Other remarks: (Investments, etc.)

As a result of the ore indicated by diamond drilling under the DMEA project, the Fairway Uranium Corp. has leased the property and is doing additional exploration.

Signed: A. L. Service (Engr.)

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

RECEIVED
JUL - 5 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period: January 1, 1955 to June 30, 1955

Docket No. DMEA 1959 (zinc-lead) Contract No. Idm-E223

Operator: Wylie M. Gardner and L. R. Vance, partners
Box 1286
Wallace, Idaho

Name of mine: Hoodoo mine

County: Custer State: Idaho

Date certified: May 14, 1953 Date of last inspection: October 2, 1954
Inspection engineer: V. Z. Johnson

Date of this report: June 20, 1955
Contract amount: $46,270.00 Reporting engineer: A. L. Service

Amount spent: $ 7,736.12 Government participation: $3,868.06

Amount repaid to date: none

Reserves: Indicated: 93,000 tons - 8.3% Zn
Inferred: 142,000 tons - 3.6% Zn

Remarks: There are no underground workings on the Hoodoo property, and the only exploration work has been diamond drilling under the DMEA program.

It has been reported that there has been no further attempt to develop the property; therefore there would not be any production subject to royalty.

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

C

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 3 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period: July 1, 1954 to December 31, 1954

Docket No. 1959 (zinc-lead) Contract Idm-E223

Operator: Wylie M. Gardner and L. R. Vance, partners
Box 1286
Wallace, Idaho

Name of mine: Hoodoo mine

County: Custer State: Idaho

Date certified: May 14, 1953 Date of last inspection: Oct. 2, 1954

Contract amount: $46,270.00

Amount spent: $ 7,736.12 Government participation: $3,868.06

Amount repaid to date: none

Reserves: 20,000 tons of inferred ore with an indicated grade of 15 - 20 percent zinc.

Remarks: There has been no production from this property.

On the date of the last inspection, October 2, 1954, there was no one at the property and no indication of any activity since diamond drilling was completed in the fall of 1952.

An Amended Contract was signed on June 3, 1953, but no work was done under it, and mutual termination agreement forms were signed on April 27, 1954.

Final Report on file.

Distribution:
DMEA, Wash. (4)
USGS (2)
USBM (2)
Certifying Officer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
October 11, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 8 - 1954

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Inspection for possible production activity, Hoodoo Mines, Custer County, Idaho, Contract No. Idm-E223, Docket No. DMEA 1959 (zinc-lead) (Terminated)

The inspection was made on October 2, 1954, in compliance with DMEA Circular No. 32. There was no one at the property, and there was no indication that there had been any activity since diamond drilling was completed in the fall of 1952.

The access road remains open to jeep or other low geared vehicles except for a few boulders that have rolled from the hillsides. There are a few tire tracks indicating that there had been visitors at the property.

The remote location and present zinc price still discourage development of the property.

V. Z. Johnson

V. Z. Johnson

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ROYALTY REPAYMENTS
AS OF AUGUST 31, 1954

OPERATOR

Hoodoo Mines

CONTRACT NO.

E-223

DOCKET NO.

1959

DATE OF CERTIFICATION

5/14/53

AMOUNT REPAYABLE

$3,868.06

RECEIVED DURING AUGUST

$ -

TOTAL RECEIVED

$ -

DATE OF LAST RECEIPT

- - -

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

C
O
P
Y

S. 157 Howard Street
Spokane 4, Washington

February 3, 1954

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Semi-Annual Report of
Certified Projects, Region II

Dear Mr. Selfridge:

In accordance with instructions given in DMEA Circular 32, we are enclosing our Semi-Annual Report on Certified Projects as of December 31, 1953.

Sincerely yours,

Thor H. Kiilsgaard
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

SEMI-ANNUAL REPORT

STATEMENT OF CERTIFIED PROJECTS, REGION II
PRODUCTION TO WHICH DMEA ROYALTIES ARE APPLICABLE
JULY 1, 1953, THROUGH DECEMBER 31, 1953

Docket No. DMEA-	Name of Property	Contract No. Idm-	Commodity	In Production	Amount Produced 7-1-53 to 12/31/53	Amount Produced Total to 12/31/53	Royalties Paid 7/1/53 to 12/31/53	Royalties Paid to Date	Has Operator Transferred Property
Idaho									
1954	Gardner & Vance (Hoodoo)	E223	pb-zn	No					No
1/ 1956	Nabob Silver-Lead Mng.Co.	E184	pb-zn	Yes	243.1505 T Cons.	759.8195 T Cons.	$ 479.87	$ 2,701.85	No
652	South Mtn. Mng. Co.	E177	pb-zn	Yes	917.3475 T	1241.4465 T	651.13	966.27	No
Montana									
129	Bennett Mining Co.	E81	pb-zn	No					No
1877	Mulcahy, William	E155	pb	No					No
2260	Pohl-Hogan (January Mine)	E246	pb-zn-cu	Yes	461.7585 T	1156.478 T	1,286.27	2,738.75	No
Washington									
1166	Amer. Zinc, Lead & Smelt- Co. (Grandview)	E76	pb-zn	No					No
2166	Hartbauer, C. W. & N. C. (Farmer)	E208	pb-zn	No					No
432	Mines Management, Inc.	E1	pb-zn	No		25.561 T		85.10	No

1/ No formal certification of discovery or development issued; Government's right to percentage royalty preserved by language included in Mutual termination agreement dated September 17, 1953.

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

1201 N. Division St.
Spokane 2, Washington
October 9, 1953

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Inspection, Hoodoo Mines, Custer County, Idaho, Contract No. Idm-E223, Docket No. DMEA 1959 (zinc-lead)

The inspection was made on October 1, 1953 in compliance with DMEA Circular No. 32. There was no one at the property and there has been no activity at project extension as authorized by an amended exploration project contract of June 3, 1953.

The access road was opened late in July to accommodate a party contemplating purchase or sublease of the claims, but the road shows very little subsequent use. There has been no new excavation on the property.

The remote location of this zinc orebody and the present price of that metal are not favorable to mining in the near future.

V. Z. Johnson

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

Wash

DMEA Field Team, Region 11 8/13/53

R. J. Hindman, Certifying Officer, Region 11.

Sept, 1952, Nov. 1952, Dec. 1952, Jan. 1953, Feb. 1953, March & April 1953 MF-104, Hoodoo Mines, Contract Idm-E223.

An interium audit was made by Mr. C. A. Turner on all MF-104s thru April 1953. As a result of this audit and also the several hundred dollars in credit due to returned bits, the operator owes the government $275.12. The charges & credits on the above MF-104s are as follows:

October 1952 MF-104. balance withheld.	Plus	$ 471.47
November 1952 MF-104, credit balance.	Minus	474.82
December 1952 MF-104, credit balance.	Minus	115.79
January 1952 MF-104, credit balance.	Minus	197.59
February 1952 MF-104, credit balance.	Minus	72.33
March & April 1952 MF-104.	Plus	13.94
Total amount owed government by operator.		$375.12
Less operators check dated 6/1/53.		100.00
Balance still owed government by operator.		$275.12

The contract was rewritten June 3, 1953. If the operator resumes work under this new contract then the $275.12 can be withheld from the first MF-104 submitted. If work is not resumed, then a check in that amount should be forth coming.

R. J. Hindman

CC: DF
DMEA
AD
USGS
Operator
2 copies Wash.

Form MR-204 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Department of the Interior
Defense Minerals Administration
RECEIVED
AUG 17 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Mar.-Apr., 1953 Docket No. DMEA _____ Contract No. Idm - E223

Operator's Name Hoodoo Mines Minerals Lead & Zinc

Address c/o Wylie M. Gardner, Wallace, Idaho

Contract Amount, $14,000.00 Government Participation: 50 % Amount, $7,000.00

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		$128.00	$128.00	128.00	128.00	-0-
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		3,530.08	3,530.08		3530.08	3530.08
Supervision		500.00	500.00		500.00	500.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	$(18.24)	3,153.21	3,134.97	221.15	1541.91	1763.06
(4) Operating Equipment:						
Rental Diamond Drill		1,050.00	1,050.00		1050.00	1050.00
Purchase		90.00	90.00		90.00	90.00
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		37.28	37.28	35.28	35.28	-0-
Sampling and Analysis		37.00	37.00		44.20	44.20
Payroll Taxes		284.92	284.92	32.01	284.92	316.93
Liability Insurance						
Rehabilitation, etc.		572.00	572.00	322.00	322.00	-0-
Trans. of Equipment				450.00		450.00
(8) Contingencies (specify):						
Accounting	10.00	147.85	157.85	10.00	181.85	191.85
Less Salvage				200.00		200.00
Totals	$(8.24)	$9,530.34	$9,522.10	27.88	7708.24	7736.12

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

Date 4/30/53 *Payee Hoodoo Mines

Per Wylie M. Gardner Title Partner

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

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

(Instructions on reverse)

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

$ 13 94

Signature _____ (Authorized Certifying Officer)

Date 8/13/53 Vou. No. _____

(See other side)

Costs reduced to conform to audit. See accompanying sheet. Operator owes total to date of $375.12. See Mr. Turner's Audit dated 7/7/53.

(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. E223 in accordance with the terms of the contract.

Signature [illegible] Title Mining Engineer Date May-6-53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S/ L. E. Howard Title M. Eng Date 5/6/53

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
AUG 17 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Mar.-Apr. 1953 Docket No. DMEA 1959X Contract No. Idm-E223

Operator's Name Hoodoo Mines Minerals Lead & Zinc

Address c/o Wylie M. Gardner, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	$(8.24)	-0-	$7,950.00	1,631.7	$4.872		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 4/30/53 Operator Hoodoo Mines

Per Wylie M. Gardner Title Partner

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:

Net cost previously reported	$7,958.24
Less - Credits Mar. and April	8.24
	$7,950.00

(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

Hoodoo Mine
Box 1286
Wallace, Idaho

MAY 1953

April 30, 1953

Mr. Thomas R. Howard
DMEA Field Team, Region II
U. S. Bureau of Mines
Department of the Interior
1201 North Division
Spokane 2, Washington

Dear Mr. Howard:

As you know we still have some supplies and small tools left on hand from our diamond drilling project at the Hoodoo Mine. In order to complete the closing of our account I have solicited several bids from machinery dealers in this vicinity and find that they are not interested in acquiring this equipment and supplies. I am therefore of the opinion that my offer of $100.00 is the best offer available at this time.

You may consider this letter as my firm offer of $100.00 for the purchase of the Government's share in this equipment.

We are getting eager to hear some more about the amendment to our contract concerning our upper tunnel contract. How about getting some action on it from Washington?

Very truly yours,

HOODOO MINE

By Mylie M. Gardner
Mylie M. Gardner

MMG:MY

Form MF-104 (Rev.)
(April 1953)

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-58.

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

Month of February 1953 Docket No. DMEA 1959X Contract No. Idm - E223

Operator's Name Hoodoo Mines Minerals Lead & Zinc

Address c/o Wylie M. Gardner, Wallace, Idaho

Contract Amount, $14,000.00 Government Participation: 50 % Amount, $ 7,000.00

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		$128.00	$128.00		128.00	128.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		3,530.08	3,530.08		3530.08	3530.08
Supervision		500.00	500.00		500.00	500.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	$(172.17)	3,325.21	3,153.04	172.17	1714.08	1541.91
(4) Operating Equipment:						
Rental Diamond drill		1,050.00	1,050.00		1050.00	1050.00
Purchase		90.00	90.00		90.00	90.00
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		37.28	37.28		37.28	37.28
Sampling and Analysis		37.00	37.00		44.20	44.20
Payroll Taxes		284.92	284.92		284.92	284.92
Liability Insurance						
Rehabilitation, etc.		572.00	572.00		322.00	322.00
(8) Contingencies (specify):						
Accounting	27.50	120.35	147.85	27.50	154.35	181.85
TOTALS	$(144.67)	$9,674.84	$9,530.17	144.67	7852.91	7708.24

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

Date 3/17/53 *Payee Hoodoo Mines

Per Wylie M. Gardner Title Partner

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

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

(Instructions on reverse)

See accompanying Sheet.

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

Credit $ 77.33

Signature (Authorized Certifying Officer)

Date 8/13/53 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 223 in accordance with the terms of the contract.

Signature Vernon J. Johnson Title Mining Engineer Date 3-18-53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Thomas E. Howard Title Mining Engr Date 3/19/53

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.

RECEIVED
APR 1 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1953 Docket No. DMEA 1959X Contract No. Idm - E 223
Operator's Name Hoodoo Mines Minerals Lead & Zinc
Address c/o Hylie M. Gardner, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	$(144.67)	-0-	$7,958.24	1631.7	$4.877		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date March 17, 1953 Operator Hoodoo Mines

Per Hylie M. Gardner Title Partner

→ 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:

Net cost previously reported $8,102.91
Less - credits February 144.67
$7,958.24

(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

Hoodoo Mines
Wallace, Idaho

March 17, 1953

PROGRESS REPORT
February 1953

We are submitting invoices covering credits received during February, 1953 which are the final credits on all diamond products used on our project.

As far as we can determine the account is now ready for audit by your personnel.

HOODOO MINES

By Wylie M. Gardner
Wylie M. Gardner

Distributed
3/19/53

Form R-F-104 (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1953 Docket No. DMEA 1959x Contract No. Idm - E223
Operator's Name Hoodoo Mines Minerals Lead and zinc
Address c/o Wylie M. Gardner, Wallace, Idaho
Contract Amount, $ Government Participation: % Amount, $ 7,000.00

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		$128.00	$128.00		128.00	128.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		3,530.08	3,530.08		3530.08	3530.08
Supervision		500.00	500.00		500.00	500.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	$(395.17)	3,720.38	3,325.21	395.17	2109.25	1714.08
(4) Operating Equipment:						
Rental Diamond drill		1,050.00	1,050.00		1050.00	1050.00
Purchase Pickup		90.00	90.00		90.00	90.00
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		37.28	37.28		35.28	35.28
Sampling and Analysis		37.00	37.00		44.20	44.20
Payroll Taxes		284.92	284.92		284.92	284.92
Liability Insurance						
Rehabilitation, etc.		572.00	572.00		322.00	322.00
(8) Contingencies (specify):						
Accounting		120.35	120.35		154.35	154.35
TOTALS	$395.17)	$10,070.01	$9,674.84	395.17)	8248.08	7852.91

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

Date 2-19-53 *Payee Hoodoo Mines

Per L R Vance Title Partner

*When a voucher is signed or receipt[illegible] 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)

See accompanying Sheet.

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

Credit 197 59

Signature [illegible]
(Authorized Certifying Officer)

Date 8/13/53 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. 223 in accordance with the terms of the contract.

Signature S/ V. E. Johnson Title M. Eng. Date 2/10/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S/ T. E. Howard Title M. Eng. Date 2/10/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1953 Docket No. DMEA 1959x Contract No. Idm - E223
Operator's Name Hoodoo Mines Minerals Lead and zinc
Address c/o Wylie M. Gardner, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	(395.17)	-0-	$8,102.91	1631.7	$4,965		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 2-19-53 Operator Hoodoo Mines

Per Title Partner

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:
Net cost previously reported $8,498.08
Less - credits January 395.17
$8,102.91

(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

Hoodoo Mines
Wallace, Idaho

February 12, 1953

PROGRESS REPORT
January 1953

We are submitting invoices covering credits received during January, 1953. Although we did hope to have all credits in by this time, we are waiting for a few to complete our files in preparation for your audit.

The tunnel proposal which we consider the next step toward development of the Hoodoo property is not yet completed, but we expect to have it ready to submit to you within a very short time.

HOODOO MINES

By L. R. Vance

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

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

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

Month of December 1952 Docket No. DMEA 1959X Contract No. Idm-1223
Operator's Name Hoodoo Mines Minerals Lead & Zinc
Address c/o Wylie M. Gardner, Wallace, Idaho
Contract Amount, $ 14,000.00 Government Participation: 50 % Amount, $ 7,000.00

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		128.00	128.00		128.00	128.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		3,530.08	3,530.08		3530.08	3530.08
Supervision		500.00	500.00		500.00	500.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	(256.93)	3,977.31	3,720.38	(256.93)	2366.18	2109.25
(4) Operating Equipment:						
Rental Diamond drilling		1,050.00	1,050.00		1050.00	1050.00
Purchase Pickup		90.00	90.00		90.00	90.00
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		37.28	37.28		35.28	35.28
Sampling and Analysis		37.00	37.00		44.20	44.20
Payroll Taxes		284.92	284.92		284.92	284.92
Liability Insurance						
Rehabilitation, etc.		572.00	572.00		322.00	322.00
(8) Contingencies (specify):						
Accounting	25.35	95.00	120.35	25.35	129.00	154.35
TOTALS	(231.58)	10,301.59	10,070.01	(231.58)	8479.66	8248.08

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

Date 1/12/53 *Payee Hoodoo Mines

Per Wylie M. Gardner Title Partner

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

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

(Instructions on reverse)

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

Credit $ 115.79

Signature (Authorized Certifying Officer)

Date 8/13/53 Vou. No. (See other side)

See accompanying Sheet.

(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 223 in accordance with the terms of the contract.

Signature Verda J. Johnson Title Mining Engr. Date 1-13-53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ E. A. Magill Title Mining Engr. Date 1/13/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1952 Docket No. DMEA 1959X Contract No. Idm - 223

Operator's Name Hoodoo Mines Minerals Lead & Zinc

Address c/o Wylie M. Gardner, Wallace, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	(231.58)	-0-	$8,498.08	1631.7	$5.21		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date 1/12/53 Operator Hoodoo Mines

Per Wylie M. Gardner Title Partner

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:

Net cost previously reported $8,729.66

Less - credits for Recenter 231.58

$8,498.08

(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

Hoodoo Mines
Wallace, Idaho

January 12, 1953

Mr. Thomas B. Howard
Chief DMEA Section
Bureau of Mines, Region II
1201 North Division Street
Spokane 2, Washington

PROGRESS REPORT
December 1952

Dear Mr. Howard:

Although we are inactive as far as the diamond drilling program on our Hoodoo property is concerned, we are continuing to file our monthly reports. During the month of December we have received all credits due us from Christensen Diamond Products Company. We still have credits due from Joy Manufacturing Co. and R. G. McClintock Co. I have personally contacted the R. G. McClintock Co. and they have assured me that the credit check for returned products would reach me during the month of January.

As you will recall from our conversation of January 5th I requested you to defer the auditing of this account until all the credits were in which may not be for a month or so. I will then notify your office to that effect.

Mr. Vance will take care of the correspondence for the ensuing months as I am planning on a trip which will require my absence for some length of time. Mr. Vance will also submit a tunnel proposal which we feel is the next step toward development of the Hoodoo property.

As I recall from our last conversation, it was your opinion that an amendment to our present contract would fulfill the necessary requirements as we have already established the preliminary requirements for a loan of this type.

We enclose copies of the Jensen Oil Company invoices.

Very truly yours,

HOODOO MINES

By Myhie M. Gardner

WMG:MF

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1952 Docket No. DMEA 1959X Contract No. Idm-E223

Operator's Name Hoodoo Mines Minerals Zinc & Lead

Address Wylie M. Gardner, Wallace, Idaho

Contract Amount, $ 14,000.00 Government Participation: 50 % Amount, $ 7,000.00

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		128.00	128.00		128.00	128.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor		3,530.08	3,530.08		3530.08	3530.08
Supervision	50.00	450.00	500.00	50.00	500.00	500.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	822.29	3,155.02	3,977.31	531.09	3407.02	2366.18
Credit on Drills				1571.73		
(4) Operating Equipment:						
Rental Diamond drill		1,050.00	1,050.00		1050.00	1050.00
Purchase		90.00	90.00		90.00	90.00
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		37.28	37.28		37.28	37.28
Sampling and Analysis		37.00	37.00	7.20	37.00	44.20
Payroll Taxes		284.92	284.92		284.92	284.92
Liability Insurance						
Rehabilitation, etc.		572.00	572.00		322.00	322.00
(8) Contingencies (specify):						
Accounting		95.00	95.00	34.00	95.00	129.00
TOTALS	872.29	9,429.30	10,301.59	949.64	9429.30	8479.66

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

Date 12/19/52 *Payee Hoodoo Mines

Per Wylie M. Gardner Title Partner

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

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

(Instructions on reverse)

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

$ 474.82

Signature (Authorized Certifying Officer)

Date 8/13/53 Vou. No. (See other side)

See accompanying Sheet.

(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. E223 in accordance with the terms of the contract.

Signature Verdo E. Johnson Title Mining Engineer Date 12-23-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S/ L. E. Howard Title M. Eng. Date 12/23/52

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.

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1952 Docket No. DMEA 1959X Contract No. Idm-E223

Operator's Name Hoodoo Mines Minerals Lead & Zinc

Address Wylie M. Gardner, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	872.29	-0-	$8,729.66	1631.7	$5.35		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 12/19/52 Operator Hoodoo Mines

Per Wylie M. Gardner Title Partner

REMARKS:

Costs previously reported	$9,429.30
November costs	872.29
Total expenditures	10,301.59
Less - credits	1,571.93
Net cost (above)	$8,729.66

→ 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

Hoodoo Mines
Wallace, Idaho

PROGRESS REPORT
November, 1952

Diamond drilling was ceased the last week in October and equipment was removed from the hill just prior to a severe storm which closed the road to the drilling site.

On November 3 one load of equipment was brought to Wallace for storage by Mr. Black, a farmer from the Clayton area, and a second load was hauled back by the Success Lease truck.

The diamond drill project is now inactive and as soon as all credits are received a final accounting will be made. We are enclosing a Reconciliation of Expenditures and Credits dated December 19, 1952 together with an itemized listing of credits allowed to date by Christensen Diamond Products Co.

We have not yet received from your office the copies of Jenson Oil Company original invoices which were forwarded to you during the life of this project. Without these invoices it is impossible for us to secure a refund for non-taxable gas. Will you please check your files and return these originals so we may file for the refund before the expiration date.

HOODOO MINES

By Wylie M. Gardner
Wylie M. Gardner

Wallace, Idaho
December 19, 1952

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~

1201 North Division St.
Spokane 2, Washington
November 13, 1952

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Inspection of Hoodoo Mines, Custer County, Idaho, Contract Idm-E223, Docket No. DMEA 1959 (zinc-lead)

The inspection was made with Mr. L. R. Vance, engineer, on October 31, 1952. Since the last visit on October 2, 1952, diamond drill holes Nos. 11 and 12 had been drilled to 131 and 203-foot depths, respectfully. The total contract diamond drilling to date is 1633 feet in eight holes

Hole No. 11 was drilled N. 82° W. at -15° inclination. Core recovered indicates good spalerite from 105 feet to 112 feet in hornfels and spalerite disseminated to 117 feet. The hole was bottomed in dark gray limestone.

Hole No. 12 was collared about 50 feet lower in elevation than Hole No. 11 and was drilled N. 78° W. at an inclination of -45° to cut the sphalerite zone at depth. Rich sections of sphalerite core were recovered from the fractured hornfels from 167 feet to 176 feet. From 176 feet to 190 feet sphalerite patches occur along fractures.

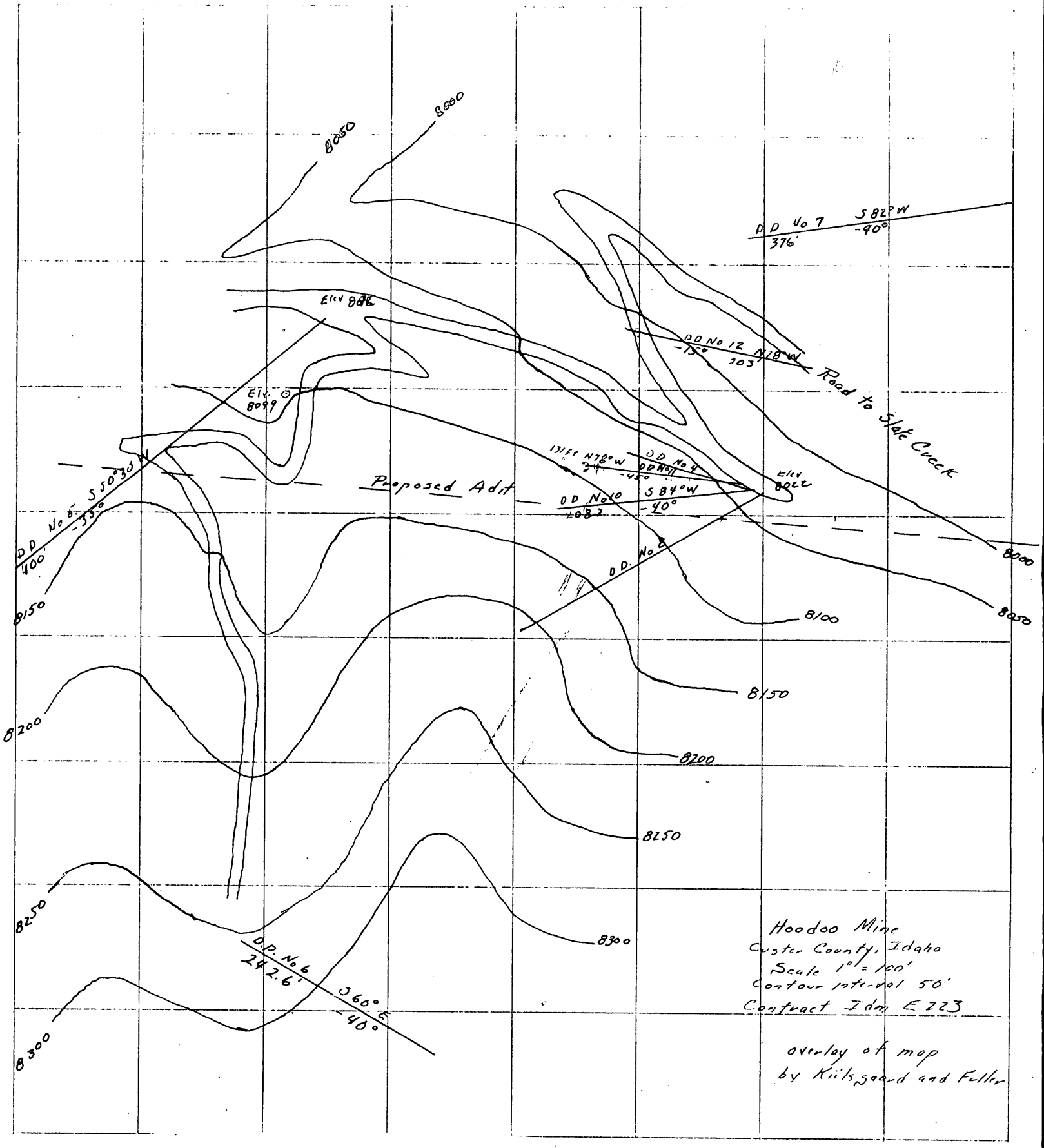
Core recovery was satisfactory considering the fractured nature of the rock drilled. Sites for drilling and the directions of holes were well chosen.

The project is now recessed for the winter season during which time the information disclosed by this season's drilling will be reviewed.

V Z Johnson

V. Z. Johnson

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


8050
8000
DD No 7
S 82° W
-40°
376'
Elev 8022
DD No 12 N78°W
-15°
303'
Road to Slate Creek
Elev. ⊙
8099
131 ft N78°W
DD No 4
DD No 11
-45°
Proposed Adit
DD No 10
S 84°W
-40°
408.2
Elev
8022
DD No 8
S 50°30' W
-35°
400'
DD No 9
8000
8050
8150
8100
8150
8200
8200
8250
8250
8300
8300
D.D. No 6
242.6'
S 60° E
-40°
Hoodoo Mine
Custer County, Idaho
Scale 1" = 100'
Contour interval 50'
Contract Idm E 223
overlay of map
by Kiilsgaard and Fuller

Hoodoo Mines
Wallace, Idaho

November 17, 1952

PROGRESS REPORT
October 1952

During the month of August we drilled several blank holes due to the fact that we were taking too much of a bite from the outcrops. Realizing what we were doing we moved back near the known ore in the outcrop and drilled holes No. 11 and No. 12 which proved to be very satisfactory as far as commercial ore is concerned. We refer you to the log attached for details.

In hole No. 11 you will note from the log that between 105 feet and 123 feet, we had ore of commercial grade totaling about 16 feet.

In hole No. 12 ore was encountered between 167 feet and 170 feet. This was a very high grade band of zinc. The ore did not core very well and approximately only 30% of the slime was recovered due to difficulties in settling the slime.

The core for holes No. 11 and No. 12 are stored in the garage at the home of W. M. Gardner in Wallace in case Mr. Killsgaard wishes to see them. Other cores are in boxes on the ground at the Hoodoo property in a safe place where they will not be disturbed by snow slides.

The drilling program has, in our opinion, outlined an important body of commercial zinc and we cannot see where further diamond drilling will be of any benefit.

We think this property warrants further development in crosscuts and drifting at about 7700 elevation which would give about 400 feet of depth under the outcrops. These drifts and crosscuts would later serve as a ventilation adit in case we drive a lower haulage tunnel in the future.

HOODOO MINES

By Myrle M. Gardner

* * * * * * * *

Posted

Day Mines, Inc.
ASSAY OFFICE

Vance & Gardner

11/19/52

		Oz. Ag.	Pb.	Zn.
Hole No. 12	160-170		--	13.5
	170-180		--	8.35
	180-190		--	1.55
	Special	--	--	--

Assayer F. S.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval Expires [illegible]-53.

Defense Minerals Administration
RECEIVED
DEC 15 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA _____ Contract No. Idm - 1223

Operator's Name Hoodoo Mines Minerals Zinc & Lead

Address Wylie M. Gardner, Wallace, Idaho

Contract Amount, $ 14,000.00 Government Participation: 50 % Amount, $ 700.00

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	-0-	$128.00	$128.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	$783.16	2,746.92	3,530.08			
Supervision	100.00	350.00	450.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	326.29	3,120.08	3,446.37	286.94		
(4) Operating Equipment:						
Rental Diamond drill	270.00	780.00	1,050.00			
Purchase Pickup	20.00	70.00	90.00			
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	2.00	35.28	37.28	-0-		
Sampling and Analysis	6.40	30.60	37.00			
Payroll Taxes	81.45	203.47	284.92			
Liability Insurance						
Rehabilitation, etc.	250.00	322.00	572.00	-0-		
(8) Contingencies (specify):						
Accounting	47.50	47.50	95.00			
TOTALS	1,886.80	7,833.85	9,720.65	1595.45	7833.85	9429.30

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

Date 11/17/52 *Payee Hoodoo Mines

Per Wylie M. Gardner Title Partner

797.72
10% 44.46
326.26

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

$ 326.26

Signature _____ (Authorized Certifying Officer)

Date 12/8/52 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)

(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. E223 in accordance with the terms of the contract.

Signature Verde Z Johnson Title Min Engr Date 11-20-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Thomas E Howard Title Min Engr Date 11-20-52

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.

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
DEC 15 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 1959X Contract No. Idm - E223
Operator's Name Hoodoo Mines Minerals Lead & Zinc
Address c/o Wylie H. Gardner, Wallace, Idaho

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		1595.45		8979.30		5.503		
Drilling: Core	Feet	~~$1,886.80~~	335.3	~~$9,720.65~~	1,631.7	~~5.957~~		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1695.45 ~~$1,886.80~~	335.3	8979.30 ~~$9,720.65~~				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		-0-		450.00				
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		~~$1,886.80~~ 1595.45		~~$9,720.65~~ 9429.30				

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 11/17/52 Operator Hoodoo Mines

Per Wylie H. Gardner Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

HOODOO MINES
Clayton, Idaho

Hole # 11
Logged by
Vance and Johnson

Run 0 - 6.7	Argillite wit oxidized fractures
Run 6.7 - 11.9	Argillite with oxidized fractures Pyrite cementing 10.4 some calcite
Run 11.9 - 12.7	Brittle Argillite Oxidation stain
Run 12.7 - 17.0	Argillite hard brittle Pyrite at 12.7 on fractures
Run 17.0 - 21.8	Argillite at 19 sulfides and calcite cement fracture at 20 scum of pyrrhotite
Run 21.8 - 24.	Argillite at 23 calcite cementing fractures
Run 24 - 26.5	Argillite grading to Hornfel oxidation stains
Run 26.5 - 27.6	Banded Hornfel calcite cementing fractures
Run 27.6 -29	Banded Hornfel (lost water)
Run 29. - 33.3	Banded Hornfels Few fractures good core
Run 33.3 - 38	Banded Hornfels at 35 pyhhorite 37 - 38 Limey Hornfel with sulphides
Run 38 - 42	Limey Hornfel
Run 42 - 44	Very Limey oxidation and Iron sulfides
Run 44 - 50	Hornfel or Limestone few fractures, little oxidation
Run 50 - 60	Limey Hornfel bands of calcite

Hole # 11 (continued)

Run	60 - 70	Hornfel with less calcite pyrite specks.
Run	70- 80	Hornfel with less calcite pyrite specks at 74 few large crystals of pyrrhotite
Run	80 - 90	Hornfel sulfide specks.
Run	90 - 100	Hornfel at 98 streak of sulfides
Run	100 - 104	Hornfel with more fracturing
Run	104 - 106.5	Hornfel and Gray Limestone 105 Resin Jack to 106.5 also Galena
Run	106.5 - 109	Hornfel Zn, S, Qtz, calcite 2 1/2 ft. ore
Run	109 - 112	Gray Limestone 109 - 110 High grade Zn S. 110 - 112 Streaks of Zn S.
Run	112 - 117	Gray Limestone 112 - 113 Good Zn S 1/2 Zn S. 113 - 117 Spots at Zn S. and calcite bands
Run	117 - 123	Gray Limestone disseminated Zn S thru entire run
Run	123 - 131	Dark Gray Limestone 131 Total depth

<u>Hole # 12</u>

Run	0 - 28	Overburden and broken material
Run	28 - 31.7	Argillite with limey bands
Run	31.7 - 34.6	Argillite with limey bands Oxidation stains on fractures
Run	34.6 - 41.0	Fractured Argillite less lime considerable oxidation stains

Hole # 12 (continued)

Run 41.0 - 44.3	Argillite Qtz scum at 41.5 Pyrite fills fractures 41.5 - 43.0
Run 44.3 -48	Argillite grading to Hornfels very few fractures
Run 48 - 51.5	Hornfel fractured, little oxidation stain at 50'
Run 51.5 - 61.7	Hornfels Pyrrhotite filling fractures thru entire run
Run 61.7 - 65.5	Hornfel Pyrrhotite on fractures
Run 65.5 - 73.3	Hornfels disseminated pyrrhotite qtz streak at 72.5
Run 73.3 - 83.3	Hornfels occassional bunches of pyrrhotite
Run 83.3 - 93.3	Hornfels at 88' one small pyrrhotite mass
Run 93.3 - 101.1	Hornfel no sulfides
Run 101.1 - 111.2	Hornfels scum filling clacite also pyrrhotite and pyrite
Run 111.2 - 121.4	Hornfels limey bands with bunches of pyrrhotite
Run 121.4 - 131.6	Hornfels with limey bands
Run 131.6 - 141.9	Dark Hornfel sulfides and calcite in fractures
Run 141.9 - 152	141.9 - 143 Hornfel Dark Gray 143 - 143.3 Calcite band 143.3 - 145.5 Limey rock with disseminated Fe S 145.5 - 152 Dark Grey Hornfel
Run 152 - 162	Dark Grey Hornfel few calcite bands
Run 162 - 170	Dark Grey Hornfel 162 - 167 167 - 170 Zn S (30% recovery)

Hole # 12 (continued)

Run 170 - 177.4	Hornfel with calcite bands 170 - 176 bands of Zn S some 3" - 4" good looking ore 176 - 177.4 Zn S disseminated in limey Hornfel
Run 177.4 - 180.2	Limey Hornfel bands and disseminated Zn S
Run 180.2 - 185.3	Hornfel with more lime 180 - 182 disseminated Zn S
Run 185.3 - 187.3	Grey Limestone calcite some disseminated Zn S
Run 187.3 - 192.6	Hornfel - Grey Limestone calcite seams 187.3 - 190 disseminated and fracture filling Zn S
Run 192.6 -203	Dark Grey Limestone band of calcite

Total Depth 203

1959

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 3 1952

~~Arlette~~ Betty

October 30, 1952

Memorandum

To: DMEA Field Team, Region II

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

Subject: Routine examination of Hoodoo mine, Custer County, Idaho, Contract Idm-E223, Docket DMA-1959X (Zinc-Lead).

Mr. G. W. Fuller, geologist, U. S. Geological Survey, and myself examined the Hoodoo mine on October 8, 1952, accompanied by Mr. L. R. Vance, a partner and supervisor of the project. On October 9, 1952, we returned to the property for a short visit, this time accompanied by both partners, Mr. L. R. Vance and Mr. Wylie M. Gardner.

At the time of my last examination in July, the first diamond drill hole, drilled under DMEA contract, had been completed. This hole is referred to as DDH No. 5 by the Operator and is so named on the accompanying field map. Since then DDH No's. 6, 7, 8, 9, and 10 have been completed and hole No. 11 was being collared at the time of the examination. Logs of the completed holes are attached hereto. Diamond drill holes No's. 7, 8, and 9 were collared in an area off the attached map; however, the greater part of DDH No. 7 is shown. Diamond drill holes No's. 8 and 9 were terminated at short depths because of drilling difficulties, being respectively 55 feet and 17 feet in length.

Of the more recently completed diamond drill holes only DDH No. 10 has intersected ore and that was an 18-inch zone of sphalerite bands and streaks, on a hornfels-limestone contact, at a depth of 158.8 feet.

After examining the core, the remaining part of the examination was devoted to running Brunton and tape traverses over the surface of the property, using stations TH No. 15 and TH No. 8 as control points. Purpose of the survey was to correlate diamond drilling with surface geology.

All diamond drill holes, except DDH No. 5, have been aimed at a mineralized structure that crops out in or near the contact of a dolomitic limestone and a hornfelsic-argillaceous member. The outcrop of this structure is believed to be continuous for some distance to the

south although locally concealed by overburden. To the north, the outcrop passes beneath overburden near the 8150 contour but a similar outcrop, on the same line of strike, reappears in the gulch near the 7800 contour. In the interval between, DDH No's. 3, 4, and 10 have all intersected ore minerals at or near the limestone-hornfels contact. Inasmuch as the limestone changes from a northeast strike at the vein outcrop area to a more northerly strike in the gulch to the north, it follows that to reach its projected position in the gulch near the 7800 contour the vein must either leave the limestone-hornfels contact near its intersection by DDH No. 4, or else the outcrop in the gulch is a different vein from the one heretofore explored by drilling. If the vein continues on to the north, on the limestone-hornfels contact, it does not crop out in any strength in the gulch. In that area, on the limestone-hornfels contact, there is a decomposed and fractured zone but it is devoid of mineralization. However, if the vein does follow the contact it would explain why DDH No. 7 failed to intersect ore as that hole would be too short.

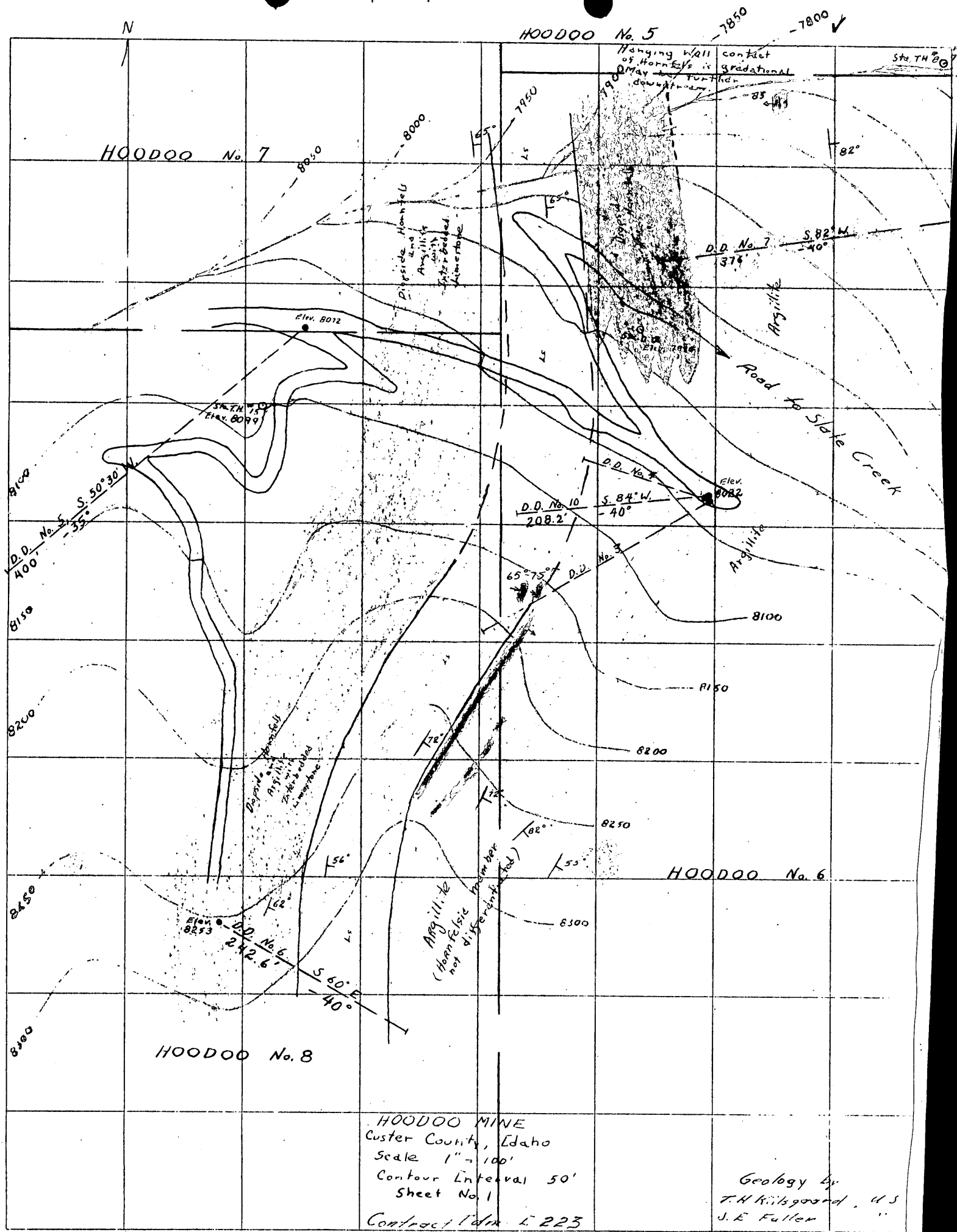
To more thoroughly test the area between DDH No. 4 and the Gulch outcrop, and to determine whether the vein leaves the limestone-hornfels contact, it was suggested to the Operator that he collar the next diamond drill hole at a point near station D-12 and drill toward the limestone.

If ore is encountered at the limestone-hornfels contact in this hole it would mean that DDH No. 7 was short of the target and that the structure warranted further drilling. However, if no ore or structure is encountered at the contact, it would be interpreted that the vein left the contact and should have been intersected in DDH No. 7, but that it was barren at that intersection. Such an interpretation would cast doubt on the feasibility of continued drilling on the northern part of the property. It is possible that the folded limestone-hornfels contact exerts a control on ore occurrence and that in those areas where the vein leaves this contact it is relatively barren.

Thor H. Kiilsgaard
Geologist

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

Contract Idm-E 223



HOODOO MINE
Custer County, Idaho
Scale 1" = 100'
Contour Interval 50'
Sheet No. 1

Geology by
T.H. Kilsgaard, U.S.
J.E. Fuller "

Contract Idm E 223

"ALBANENE" No. 10014 K&E
REG. U.S. PAT. OFF.

HOODOO MINE
Custer County, Idaho

Log of diamond drill hole No. 6

This hole was drilled S. 60° E., at a -40° angle, for a distance of 242.6'.

Footage From	Footage To	Recovery	Remarks
4'	5'	1'	Light grey hornfels.
5'	17.5'	6'	Light grey, fine-grained hornfels.
17.5'	20'	1.2'	1st foot of core in light grey hornfels. The remainder of run in black chert.
20.0'	29'	9'	First 4' of core in black chert. Core then in interbedded limy argillite. Last 1' in a coarse textured, light grey limestone.
29.0'	59.5'	27.7'	Grey, coarse textured, dolomitic limestone.
59.5'	80.0'	21.2'	From 59.5' to 73' core is in grey, cherty, fine-grained argillite. The remainder is in grey limestone.
80'	94.8'	13.9'	Light grey limestone to 89'. Rest of run in dark grey, cherty, argillite.
94.8'	103.7'	9'	Dark grey, cherty, argillite.
103.7'	109.5'	5.1'	Cherty argillite to 104.7'. Rest of run in light grey limestone.
109.5'	119.3'	10.2'	4 feet of cherty argillite. Then 3 feet of grey limestone. Remainder of run in fine-grained, limy argillite.
119.3'	130.2'	11.6'	Light grey, limy argillite to 129'. Remainder of run in grey, cherty argillite.
130.2'	158.0'		Grey, cherty argillite with local limy members.
158.0'	223.0'		Light grey limestone, dolomitic in part. At 166.7', 2" of gouge and 4" of iron stained argillite. At 188', 1' of brecciated limestone. At 200' a 6" zone of intensely brecciated argillite cemented with calcite.
223.0'	226.0'		Fractured argillite.
226.0'	230.0'		Broken argillite cemented with much calcite.
230.0'	242.6'		Grey, cherty argillite.
130.2'	242.6'	110.7'	
	242.6'		Bottom of hole.
		Total Recovery 226.6'	Total percent recovery. 93.4%.

Hoodoo Mine
Custer County, Idaho

Log of diamond drill hole No. 7

This hole was drilled S. 82° W., at a -40° angle, for a distance of 376'.

Footage From	To	Recovery	Remarks
0'	8'	0'	No core
8'	92.5'	46'	Broken argillite. Poor recovery.
92.5'	102.4'	10.3'	Argillite with a 3 inch pyrrhotite band at 102.8'.
102.4'	105.3'	2.9'	Argillite.
105.3'	137.7'	34.5'	Argillite with striped bands of light-colored rock, probably diopside hornfels.
137.7'	160.0'	13.9'	Dark argillite, mottled with diopside. At 160' a 2" band of gouge was encountered.
160'	198.0'	38'	Dark argillite, mottled to lighter gray by diopside.
198'	222'	19.8'	Diopside hornfels. The rock loses dark characteristics of argillite and becomes progressively lighter in color. At 214' a 3" zone of pyrrhotite was encountered.
222'	376'	154'	Diopside hornfels. Rock is mottled with irregular bands of diopside and other contact metamorphic calc-silicates. Light-colored, dense, finely crystalline.
	376'		Bottom of hole.
		Total Recovery 319.4'	Total percent of recovery. 84.9%.

Log of diamond drill hole No. 8.

This hole was drilled S. 70° W., at a -10° angle, for a distance of 55'.

0'	55'		Broken, shattered argillite. This hole was lost at 55' after encountering water and sand.

Log of diamond drill hole No. 9.

This hole was drilled S. 73° W., at a -10° angle, for a distance of 17'

The drillers were unable to case through the overburden. Both casing bits and casing were lost.

Hoodoo Mine
Custer County, Idaho

Log of diamond drill hole No. 10

This hole was drilled S. 84° W., at a -40° angle, for a distance of 208.2'

Footage From	Footage To	Recovery	Remarks
3.5'	49'		Argillite. Somewhat mottled.
49.0'	83'		Mottled diopside hornfels, light gray, some banding, diopside forming the lighter mottled areas.
83.0'	115'		Do Do Do
115.0'	125.3'		Do Do Do
125.3'	125.6'		4" band of pyrrhotite.
125.6'	128.3'		Limestone.
128.3'	137.8'		Hornfels.
137.8'	158.8'		Hornfels.
158.8'	160.3'		18" band of ore, mostly sphalerite.
160.3'	208.9'		Limestone, gray, dolomitic in part.
	208.9'		Bottom of hole.

Note:
Recovery
approximately 100%.

Form 1-F-104 (Rev.)
(April 1952)

-wash

10/17

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53
Defense Minerals Administration
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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 1959X Contract No. Idm-1223

Operator's Name Hoodoo Mines Minerals Zinc & lead

Address Lylie M. Gardner, Wallace, Idaho

Contract Amount, $14,000.00 Government Participation: 50 % Amount, $7,000.00

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	-0-	128.00	128.00	128.00		128.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	2,747.01	-0-	2,747.01	2746.92		2746.92
Supervision	200.00	150.00	350.00	200.00	150.00	350.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	403.25	2,822.03	3,225.28	383.25	2736.83	3120.08
(4) Operating Equipment:						
Rental Diamond drill	260.00	520.00	780.00	260.00	520.00	780.00
Purchase Pickup	20.00	50.00	70.00	20.00	50.00	70.00
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	-0-	35.28	35.28		35.28	35.28
Sampling and Analysis					30.60	30.60
Payroll Taxes	235.48	-0-	235.48	203.47		203.47
Liability Insurance						
Rehabilitation, etc.	-0-	322.00	322.00		322.00	322.00
(8) Contingencies (specify):						
				20.00	27.50	47.50
TOTALS	3,865.74	4,027.31	7,893.05	3833.64	4000.21	7833.85

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

Date 10/15/52 *Payee Hoodoo Mines

Per Lylie M. Gardner Title Partner

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

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

(Instructions on reverse)

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

$

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. ..... 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.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 3 1952

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

Month of September 1952 Docket No. DMEA 1959X Contract No. Idm - D223
Operator's Name Hoodoo Mines Minerals Lead and Zinc
Address c/o Wylie H. Gardner, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	$3,865.14	368.5	$7,443.05	1,296.4	$5.74		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$3,865.14	368.5	$7,443.05				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		-0-		450.00				
New Buildings, Improvements, etc.								
TOTAL COSTS		$3,865.14		$7,893.05				

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

Date 10/15/52 Operator Hoodoo Mines

Per Wylie H. Gardner Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Hoodoo Mines
Wallace, Idaho

October 15, 1952

PROGRESS REPORT
Month of September

During the month of September Holes Nos. 8, 9 and 10 were drilled. Hole No. 7 drilled during the month of August proved to be in a different structure from the ore bearing limestones. Mr. Vance and I were at a loss to figure this difference and could not see why this hole had not at least cut the limestones. Mr. Vance learned that Mr. Thor Killsgaard was in Hailey, Idaho and called him by telephone and asked for help on the subject. Mr. Killsgaard and Mr. Fuller came up and ran a small geological survey of the area involved. From Mr. Killsgaard's map we learned that the ore bearing limestone beds make a modified S curve and was about 100 feet wide. From this map we learned that Hole No. 7 was not in the limestone structure but was alongside of it. Holes Nos. 8 and 9 were attempts to drill through a broken, shattered surface structure to get back into the ore bearing limestones.

After a great amount of cementing and driving of casing, Hole No. 8 was finally lost at 55 feet. The sharp angular fragments cut off the bit and ruined a lot of casing. Hole No. 9 was a further attempt to penetrate this shattered zone, but at another angle. The result was to cut off the casing bit at approximately 15 feet and this hole was lost.

In a telephone call from Mr. Vance we decided to move back to the zone where we knew we would be at least drilling the limestone beds. This decision resulted in Hole No. 9 which cut 18 inches of zinc in 2 inch or 3 inch bands and streaks.

We are accompanying this report with a map and drill log of holes drilled on this DMEA project. Our map to you for the October progress report

will, no doubt, show the geology as taken from Mr. Killsgaard's survey if Mr. Vance has the time to put it on.

The new Joy 12-B drill purchased for this project continues to operate beautifully and no time has been lost due to drill or pump breakdowns.

HOODOO MINES

By Wylie M. Gardner
Wylie M. Gardner, Partner

LOG OF DIAMOND DRILL HOLES AT HOODOO MINES
June 15 - Sept. 30, 1952

Hole #5
0'-28' Quartizitic, badly broken, altered
28'-45.5' Grey Limestone
45.5'-52.5' " " shattered, very little core
52.5'-58' Gouge
58'69.5' Shattered argillites " " "
69.5'-77.2' Banded " no "
77.5'-84' Dark grey argillite
84'-97.5' Quartizitic material " "
97.5'-103' Sand " "
103'-106.5 Quartzitic material " "
106.5-111' Finely crushed limestone gouge,no core
111.5'-123.5' Quartzitic and bands of quartz
123.5' Zinc streak
123'-139' Greenstained limestone
139'-172' Broken Quartz
172'-200.5' Dark grey limestone
205'-208' 3 in. zinc
208'-232' Broken grey limestone
232'-264.5 " " " about 1/2 in. zn.
264.5-265.5 Bands of Zn.
265.5-270' Streaks of Zn. in argilite
270'-313' Dark grey lime with fine calcite streaks
313'-368' " " " " " " "
368'-400' " " " " " " "

Hole #6
0'-18' Hornsfels light to white
18.5'-27.5' Banded grey lime and hornfels
27.5'-58' Dark grey argillite
58'-65' " " " light streaks
65'-114' Grey limestone with few bands of argillite
114'-131' " " " " " " "
131'-136' Broken zone shearing and calcite seams
136'-160' " " limestone and argillites
160'-176.2' " " " bands of argillite
176.2'-179.4' Open structure, lost water, shearing, no ore
179.4'-213' Grey lime and hornfels
213'-242.8' Hard brittle hornsfels and argillites

Hole #7
0'-80' Banded argillite, very broken and shattered
80'-102.7' Dark grey argillite, more massive
102.7'-103' Pyrrhotite
103'-136' Grey and light banded argillite
136'-160' Dark grey argillite few calcite streaks
160'-188' Alternating " and hornfels
188'-213.8' Grey to white argillite, .4 pyrrhotite
214'-275' " hornfels and banded hornfels
275'-306' Light grey mottled "
306'-330' Brecciated hornfels
330'-376' Banded "

LOG OF DIAMOND DRILL HOLES AT HOODOO MINES
June 15-Sept. 30, 1952

Hole #8

0'-55'	Broken shattered argillite, this hole was lost at 55' encountered sand and water that repeatedly filled hole with sand.

Hole #9

Unable to case through shattered surface material, cut casing bits and casing off.

Hole #10

0'-48'	Dark grey argillite
48'-51'	Light grey limestone
51'-53'	Dark grey argillite
53'-73'	Grey banded hornfels
73'-88'	Light " "
88'-125'	" and dark banded hornfels .1 pyrrhorite
125'-131'	White limey material
131'-154'	Light colored hornfels
154'-158'	Broken quartzite
158'-159.5	Zn. bands and streaks
159.5-164'	White quartzite
164'-177'	Mottled grey sheared limestone
177'-208.2'	Dark " limestone

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

Wash

1959

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

[redacted]

Betty

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 1952 Docket No. DMEA 1959X Contract No. Ida -1223
Operator's Name Doodoo Mines Minerals Zinc & Lead
Address Kylie M. Gardner, Wallace, Idaho
Contract Amount, $ 14,000.00 Government Participation: 50 % Amount, $ 7,000.00

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		128.00	128.00		128.00	128.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	705.09	1,066.94	1,772.03	-0-	-0-	-0-
Supervision	100.00	150.00	250.00	-0-	150.00	150.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	263.00	2,288.30	2,551.30	497.80	2259.03	2736.83
(4) Operating Equipment:						
Rental Diamond Drill	240.00	280.00	520.00	240.00	280.00	520.00
Purchase						
Depreciation Pickup	20.00	30.00	50.00	20.00	30.00	50.00
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	-0-	35.28	35.28		35.28	35.28
Sampling and Analysis				30.60	—	30.60
Payroll Taxes						
Liability Insurance						
Rehabilitation, etc.	-0-	322.00	322.00		322.00	322.00
(8) Contingencies (specify): Accounting				27.50		27.50
TOTALS	1,628.09	4,300.52	5,928.61	795.90	3204.31	4000.21

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

Date 9/18/52 *Payee Doodoo Mines

Per Kylie M. Gardner Title Partner

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

NOTE—Title 18, U. S. Code (Crimes), section 1001, makes it a crime for any person knowingly 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:

$ 397.95

Signature [illegible]
(Authorized Certifying Officer)

Date 10-9-52 Vou. No.
(See other side)

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.

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1952 Docket No. DMEA 1959 Contract No. [illegible]
Operator's Name Doodoo Mines Minerals Zinc & Lead
Address Kyle H. Gardner, Wallace, Idaho

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	1,623.00	405.1	5,478.61	927.0	5.904		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1,623.00	405.1	5,478.61				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		450.00		450.00				
New Buildings, Improvements, etc.								
Total Costs		1,623.00		5,928.61				

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 9/18/52 Operator Doodoo Mines

Per _____ Title Partner

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

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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

Hoodoo Mines
Wallace, Idaho

PROGRESS REPORT
August 1952

Drilling operations for the month of August continued to be in shattered ground which prevents our making as much footage as was originally anticipated.

During August 405.1 feet were drilled bringing our total for the project to date to 927.9 feet. The reduced cost for the month of August as compared to July brought the cost per foot to $5.90 from $7.36 for the first period reported.

There have been no mechanical failures on the new drill and it is operating very satisfactorily. Our apparent slow progress is due to difficult ground which requires considerable casing and cementing.

HOODOO MINES

By Myhie M. Gardner

No ore in D.D. Hole
but gray limestone
Carbonate rock is present!

Wallace, Idaho
Sept. 25, 1952.

Mr. M. E. Volin, Member
DMEA Field Team, Region 11.
1201 W. Division St.
Spokane 2, Wash.

Subject.
August 1952 Invoice
ContractIdm. E223
Docket 1959X (zinc lead)
Hoodoo Mines, Custer County, Ida.

Dear Mr. Volin:

Your communication of Sept. 23, 1952 was received and I shall be glad to furnish more data to comply with your request for a more adequate narrativeconcerning our drilling operation at the Hoodoo Mines.

Drilling during the Month of August included holes #6 and #7

Hole #6-	122.8'	to	242.5'	119.7
Hole #7	0	to	285.4	285.4
				405.1' drilled

Hole # 6 was drilled near the ridge at an elevation of approx. 9000'and was an attempt to connect the ore in outcrops at 8100' El. and an outcrop 1800' Westerly at about 8300' El., this hole was a blank as far as ore was concerned. However, it did prove that the same country rock(grey limestone)persists between the outcrops. Hole # 7 was drilled to prove the Westerly extension of these above mentioned outcrops, it too proved to be a blank as far as ore was concerned and to quote from L. R. Vance's letter to me of Sept. 5, 1952,"Finished hole #7 yesterday at 376' and not a sign of ore. There is something entirely wrong in that area. Instead of having the same sequence of beds that we had last year, we had something entirely different. We had run after run of that conglomerate that we see in float some places, but seldom see it in place. There must be a fault through there some place, maybe an overthrust that has pushed the Milligan over the Idaho. When Kilsgaard comes down again I'll get him interested in it. Looked again today and there is no sign of the conglomerate on the surface."

Maps showing the location of holes in relation of surface outcrops, depth and inclination of holes will be sent to your office with the September invoices.

Trusting this additional data will comply with your request I am

Sincerely yours,

Wylie M. Gardner

Wylie M. Gardner

Albany, Oregon

Region II

October 10, 1952

Mr. Wylie M. Gardner,
Hoodoo Mines,
Wallace, Idaho.

Reference: August Invoice MF-104, Idm-E-223

Dear Sir:

Your August Invoice MF-104 has been approved for $795.90 and payment will be made in the amount of $397.95.

In addition to the payroll for labor being disallowed we have deleted the allowance for Supervision in the amount of $100.00. No receipt was furnished for the payment of such services. These may be reclaimed upon presentation of the claims in proper form.

We have also deleted $27.10 from Other Charges inasmuch as the invoice from the Jensen Oil Company was not furnished.

Very truly yours

W. Rulon Lee
Finance Officer

wah
cc: R/F
Contract File
August Voucher
Wash. (2)
Volin (2)

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

No. 157 [illegible] Street
Spokane 1, Washington

August 27, 1952

Memorandum

To: A. [illegible] Weissenborn, Executive Officer, [illegible], Region [illegible]

From: Thor H. Hillsgard, Geologist, [illegible] Geological Survey

Subject: Routine examination of the Hoodoo mine, Custer County, Idaho, Contract [illegible]-223, Docket No. [illegible]-1952 (Lead).

I examined the Hoodoo mine on July 2[illegible], 1952, in company with Mr. [illegible] Vance, partner in the project.

Work under terms of the contract was proceeding satisfactorily. One 100-foot diamond drill hole had been drilled, the log of which is attached hereto. A second hole was being drilled to test the mineralized structure at a point about directly below the outcrop.

Mr. Vance, a mining engineer, is also doing the diamond drilling. He reports that he has not encountered too many operational difficulties but that he has had trouble in obtaining satisfactory core recovery from the argillitic and hornfelsic phases of the formation being drilled.

The sites of both diamond drill holes were surveyed by [illegible] and tape and tied in with the [illegible] attached to the contract.

Thor H. Hillsgard
Geologist

cc: [illegible] (1)
[illegible] (2)
[illegible] (file)
T. Hillsgard

[illegible] Iron
[illegible] Mines, [illegible]

[illegible] Hole drilled under U.S. contract

[illegible] hole was drilled [illegible] 50° [illegible], at a -55° angle, for a distance of 400 feet

Footage From	To	Percent Recovery	Remarks
0	[illegible]	27	Light gray [illegible], crystalline, coarse texture
[illegible]	12.5	[illegible]	do do
[illegible]	15	[illegible]	Light gray [illegible], [illegible] black chert [illegible]
15	2[illegible]	[illegible]	Gray [illegible], fractured, cemented by calcite, pyrite in calcite stringers
[illegible]	3[illegible]	[illegible]	Gray [illegible], calcite stringers up to 1/8" [illegible]
[illegible]	3[illegible].5	31	Dark gray [illegible], at 34' many calcite stringers
37.5	45.5	43	Dark gray [illegible], many calcite stringers cutting [illegible], pyrite in stringers
45.5	52.5	15	Core of [illegible], [illegible] it [illegible]
[illegible]	55	[illegible]	[illegible]
[illegible]	67.2	[illegible]	[illegible], [illegible] fragments in [illegible]
[illegible]	77.2	[illegible]	[illegible], fragments of [illegible]
77.2	[illegible]	[illegible]	[illegible], black, fragmental, poor core recovery
[illegible]	101.5	[illegible]	[illegible], crushed up to sand. [illegible] does not core, very fragmental
[illegible]	106.5	[illegible]	[illegible], black, [illegible] but with [illegible] texture
106.5	[illegible]	[illegible]	[illegible], black, [illegible] surface on bedding and cleavage. Typical of [illegible] formation
[illegible]	[illegible]	[illegible]	[illegible], brecciated
111	123	[illegible]	[illegible] of a [illegible] core lite, [illegible], [illegible] into [illegible], [illegible], [illegible] with calcite stringers. [illegible] fragments contain [illegible] stringers and [illegible]

[illegible] (continued)

Depth From	Depth To	Amount Recovery	Lithologic
125	132	7	Gray s., coarse, [illegible] rock possible by diagenesis
132	152.5	20	Gray s., [illegible] rock, last foot of core gray quartzite
152.5	169	16	Gray quartzite
[illegible]	166	6	Gray quartzite, fine-grained
166	172	6	Gray quartzite, carbonate in lower part
162	170	17	Dolomite, dark gray
170	172	7	Light gray s., bleached, brecciated, cemented with calcite, iron-stained, could be low grade ore. Last 6" of core dark gray limestone
172	204	31	Dark gray s., some calcite stringers, good core
204	215	61	Gray s., at 1.5 of core hit sphalerite as replacement in limestone. About 4 feet of core shows sphalerite, believed to be low-grade
215	222	7	Dark gray s.
222	237	15	Dark gray s.
237	245	8	Argillite, minor, some calcite stringers
245	265	20	Argillite, core graded into fine-grained dark gray argillitic s. Last 2 feet of core have sphalerite replacing s.
265	277	12	Dark gray s., brecciated, replaced by sphalerite, probably low-grade. No ore beyond 270 feet.
277	315	71	Gray s., mottled to a greenish, may contain diagenetic, coarse texture
315	323	8	Gray s., mottled, coarse texture
323	373	33	Gray s., grows progressively finer-grained, some coal silty, almost argillitic, but core for most part is limestone
373	400	40	Gray s., brecciated, many calcite stringers

M. E. Volin, Member, DMEA Field Team, Region II August 19, 1952

T. E. Howard, Mining Engineer, Mining Division, Region II

Initial inspection, Hoodoo mines, Contract Idm-E223, Docket No. DMEA 1959, (Zinc-lead) Custer County, Idaho

The subject inspection was made July 30, 1952, with Dean Holt, Bureau of Mines, and L. R. Vance, one of the partners.

Work under the contract was started in June. During June the access road was cleared of small rock slides caused by the severe winter, a drill site was prepared and the drilling equipment transported to the property.

Actual drilling was begun on July 1, 1952. The first, drilled to test at depth the zones exposed in Outcrops Nos. 1 and 2, was drilled to a depth of 400 feet. Drilling was in progress on the second hole. This hole had reached a depth of 80 feet on the date of the inspection. It is being drilled east from a point south of Outcrop No. 2 to test the zone exposed in Outcrop No. 3.

The first hole encountered two ore zones, presumed to be the downward extensions of Outcrops No. 1 and 2. However, core recovery was poor in both zones and the sludge had not been assayed so no information as to grade was available. The Operator stated that he has ordered a new type core barrel which has been used successfully in the Coeur d'Alene mining district and with which he hopes to obtain better results.

The Operator requested that the contract be amended to allow for the preparatory work done during June. A portion of it, clearing the access road, was occasioned by the delayed start of the project. No provision was made for road clearance as it was anticipated that the work would be done last fall. Preparing the drill sites and transporting the drilling equipment were also necessary so that the work could proceed.

In addition the Operator requested that depreciation be allowed for his 1951 Jeep pickup used for transporting supplies for the drilling. It is valued at $1200.00 and a monthly depreciation allowance of $20.00 for 6 months would not be out of line.

These costs all are considered direct costs of the work and should be allowable under the contract. Mr. Vance is doing the drilling himself with the help of one laborer. As he performs the supervisory and engineering work also drilling costs should be low. He stated that the unit cost of drilling for holes completed to

Keller

date has been near $4.00 per foot. This cost was obtained by prorating these added costs over the total anticipated amount of drilling and adding them to the other direct costs of drilling such as supplies, equipment rental, labor, etc.

Therefore, an amendment to provide for these added costs would not increase the total amount of the contract. Such an amendment has been prepared and is attached for your consideration.

The operator appears to be doing a conscientious job and standards of work are satisfactory.

T. E. Howard

Enclosure

CC: 4-Wash.
2-USGS
TEH

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

Wash.

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

RECEIVED
OCT 1 1952

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

Corbett
Betty

Month of July, 1952 Docket No. DMEA 1959X Contract No. Idm-F223

Operator's Name Doodoo Mines Minerals Zinc, Lead

Address c/o Wylie M. Gardner, Wallace, Idaho

Contract Amount, $14,000.00 Government Participation: 50% Amount, $7,000.00

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	128.00	-0-	128.00	128.00	—	128.00
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1,066.94	-0-	1,066.94	—	—	—
Supervision	150.00	-0-	150.00	150.00	—	150.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	2,288.30	-0-	2,288.30	2259.03	—	2,259.03
(4) Operating Equipment:						
Rental Diamond Drill	280.00	-0-	280.00	280.00	—	280.00
Purchase						
Depreciation Pickup	30.00	-0-	30.00	30.00	—	30.00
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	35.28	-0-	35.28	35.28	—	35.28
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
Rehabilitation, etc.	322.00	-0-	322.00	322.00	—	322.00
(8) Contingencies (specify):						
TOTALS	4,300.52	-0-	4,300.52	3,264.31	—	3,264.31

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

Date 8/20/52 *Payee Doodoo Mines

Per Wylie M. Gardner Title Partner

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

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

(Instructions on reverse)

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

$ 1602.15

Signature Wash
(Authorized Certifying Officer)

Date 10-1-52 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. 223 in accordance with the terms of the contract.

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

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-R1151
Approval expires 6-30-53.

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT 8 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 1959X Contract No. Idm-E223

Operator's Name Hoodoo Mines Minerals Zinc, Lead

Address c/o Lylie M. Gardner, Wallace, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes		2,754.31		2,754.31		5.268		
Drilling: Core	Feet	~~3,850.52~~	522.8	~~3,850.52~~	522.8	~~7.365~~		
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
		2,754.31		2,754.31				
TOTAL DISTRIBUTED COSTS		~~3,850.52~~	522.8	~~3,850.52~~				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		450.00		450.00				450.00
New Buildings, Improvements, etc.								
		3,204.31		3,204.31				
TOTAL COSTS		~~4,300.52~~		~~4,300.52~~				450.00

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 1/20/52 Operator Hoodoo Mines

Per Lylie M. Gardner Title Partner

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

Hoodoo Mines
Wallace, Idaho

PROGRESS REPORT
June 15 to July 31, 1952

Commencing June 15 supplies which had been assembled for the drilling operation by I. R. Vance and Wylie M. Gardner were moved to Torrey's Cabins, Challis, Idaho and then to the drilling site.

Considerable difficulty was encountered securing an adequate pump and drilling supplies because of the steel strike with the result that the commencement of operations was delayed from our original starting date of June 1 to June 15.

During the period June 15 to July 31, 1952 a total of 522.8 feet were drilled. While the footage does not seem great for the period of operations, it is explained by the fact that the sites chosen were in a faulted area with the result that considerable cementing was necessary to hold the drill holes. It is anticipated that footages may be rather low in the future as we are still experiencing difficulty in drilling this faulted ground.

The new drill purchased for the operation is functioning very satisfactorily and no time has been lost due to break downs.

HOODOO MINES

By Wylie M. Gardner

Albany, Oregon

Region II

October 1, 1952

Mr. Wylie A. Gardner
Woodbox Mines
Wallace, Idaho

Re: Contract Ida-8-223

Dear Sir:

Your WF-104 invoice, submitted under above Contract for the period June 15, 1952 to July 31, 1952 amount $4,300.52, has been approved for $3,204.31 and payment will be made in the amount of $1,602.15. The difference between amount claimed and approved is as follows:

The transcript of payroll is not in proper form as it does not show the days or hours worked by each individual. Such information is required to substantiate the amount paid. The amount claimed, $1,066.94, seems to be the net amount paid whereas you are entitled to claim the gross amount earned, which in this case if all payments are correct, would be $1,205.52. In addition, you are entitled to claim such payments of Social Security, Unemployment Insurance and Liability Insurance as are paid by the company.

Also disallowed was the sum of $29.27 representing an invoice for gasoline which you state was lost. The statement from Jensen Oil Company for $58.38 has been reduced by this amount.

You may reclaim the above on your August WF-104, provided such claim is properly prepared and substantiated.

Very truly yours,

A. Dulon Lee
Finance Officer

cc: R/F
Contract
Voucher
Wash. (2)
Volin (2)

Albany, Oregon

Camp No. 11 October 1, 1952

Mr. Kylie W. Gardner
Hoodoo Mines
Wallace, Idaho

Re: Contract Ida-F-223

Dear Sir:

Your CF-104 Invoice, submitted under above Contract for the period June 15, 1952 to July 31, 1952 amount $4,300.52, has been approved for $3,204.31 and payment will be made in the amount of $1,602.15. The difference between amount claimed and approved is as follows:

The transcript of payroll is not in proper form as it does not show the days or hours worked by each individual. Such information is required to substantiate the amount paid. The amount claimed, $1,066.94, seems to be the net amount paid whereas you are entitled to claim the gross amount earned, which in this case if all payments are correct, would be $1,205.52. In addition, you are entitled to claim such payments of Social Security, Unemployment Insurance and Liability Insurance as are paid by the company.

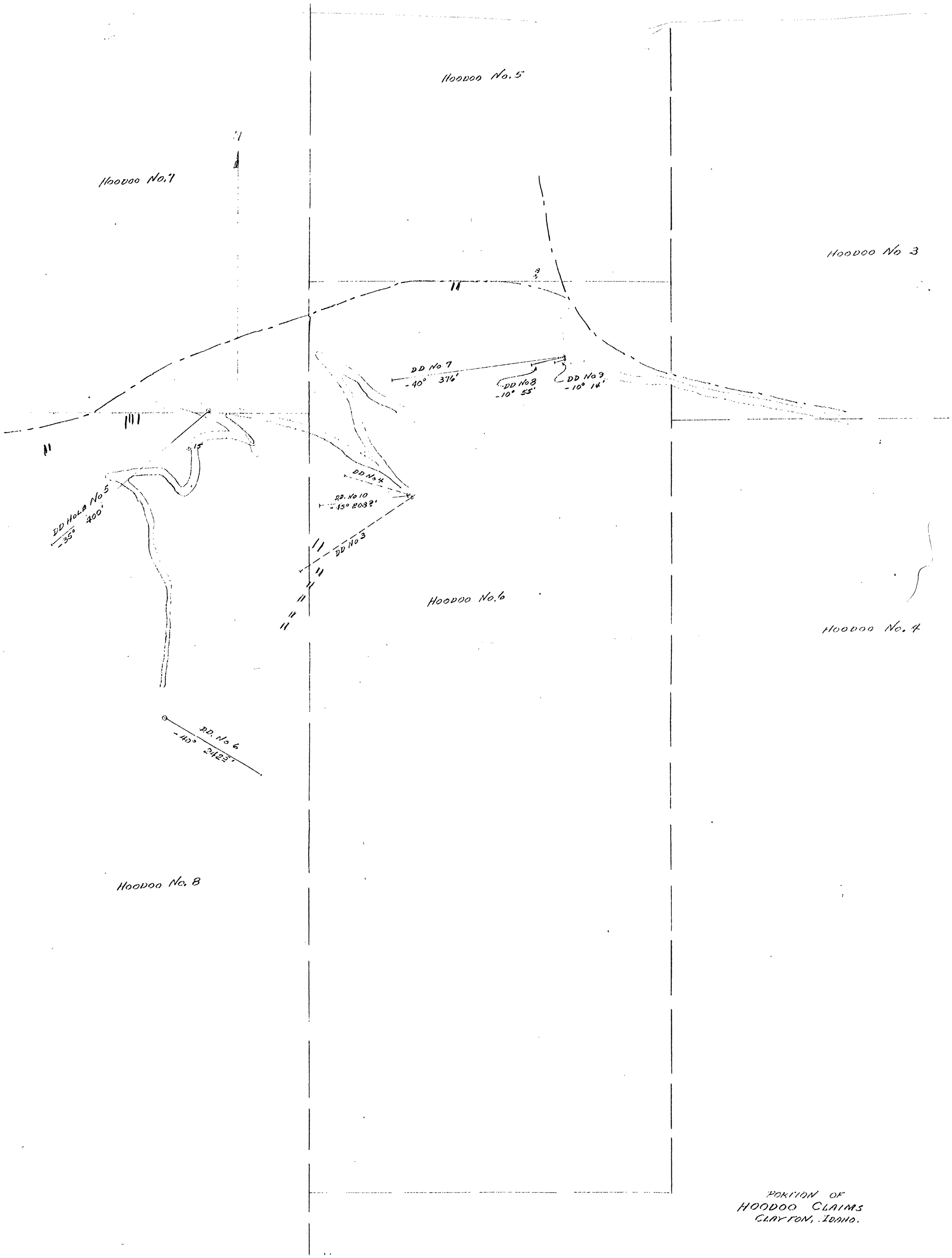
Also disallowed was the sum of $29.27 representing an invoice for gasoline which your state was lost. The statement from Conser Oil Company for $58.33 has been reduced by this amount.

You may reclaim the above on your August CF-104, provided such claim is properly prepared and substantiated.

Very truly yours,

[illegible]
Finance Officer

cc: B/F
Contract
Voucher
Wash. (2)
Volin (2)


Hoodoo No. 5
Hoodoo No. 1
Hoodoo No 3
DD No 7
-40° 376'
DD No 8
-10° 55'
DD No 9
-10° 14'
DD No 4
D.D. No 10
-15° 203'
DD Hole No 5
-35° 400'
DD No 3
Hoodoo No. 6
Hoodoo No. 4
D.D. No 6
-40° 242'
Hoodoo No. 8
PORTION OF
HOODOO CLAIMS
CLAYTON, IDAHO.