DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E NO. 223

DMEA NO. 1959

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [x] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [x] Royalty Audits
- [x] Certification of Discovery
- [ ] Closing Letter
- [x] Cost Audits
- [x] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes
- [x] Owner's Consent to Lien and Subordination Agreement
- [x] Application and attachments

Right Side

- [x] Project summary (final)
- [x] Work Completed analysis (final)
- All other material filed in chronological order including the following reports if checked:
- [ ] Field Team Semi-Annual Report for Certified Project
- [x] Final Field Team Report (Tab)
- [x] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [x] On-site Exam Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No._____: Reports
- [x] Analysis of Semi-Annual Inspection Reports
- [ ] Project Summary (Interim) by DMEA Engineers

Right Side

- [x] Field Team Semi-Annual Report for Certified Project
- [x] Field Team Interim Reports
- [x] Operator's Monthly Reports with transmittal, narrative and maps.

Folders No._____: Maps (Use pocket folder or envelope)

Folders No._____: Settlement Sheets

Folders No._____: Drill Logs

Folders No._____: Royalty material

Reported Inactive 12/28/59

R.C.G.

17963

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Amended Contract Idm-E223, Docket DMA-1959 (zinc-lead), dated June 3, 1953, with

Wylie M. Gardner and L. R. Vance
d/b/a Hoodoo Mines
Box 1286
Wallace, Idaho

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as the Hoodoo Mine located in Custer County, Idaho, during the period July 1, 1955, through November 8, 1961.

A certification of discovery or development was issued on May 14, 1953, and, in accordance with Article 9 and Annex II of the Amended Contract and an April 27, 1954, Termination Agreement, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 10 years from January 24, 1952, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated June 7, 1954, indicated accepted costs under the contract amounting to $7,736.12 with the Government's contribution on a 50 percent basis being $3,868.06.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established no sales of production subsequent to the period covered by a prior Report of Royalty Review, which found no sales subject to Government royalty through June 30, 1955. Accordingly, the royalty account as of November 8, 1961, was found to be:

Total Royalty Payable	$ -0-
Total Royalty Paid	-0-
Balance of Royalty Due	$ -0-

November 14, 1961

E. D. Talbert, OME Auditor

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

The Operators performed no work on the property after termination in October 1952 of the diamond drilling under the exploration project contract. After abandonment of the lease by the Operators, the Fairway Uranium Corporation, Twenty-Three-Twenty South Main, Salt Lake City, Utah, leased the property in 1955 and performed some exploratory underground work during 1955 and 1956. No ore was produced during either the contract or subsequent exploration work. The property was inactive from 1956 until 1961, when it was leased to The Bunker Hill Company, Kellogg, Idaho, who did some diamond drilling during the summer of 1961.

The obligations of the Operator under this contract for the payment of royalty on future production, if any, possibly may have been lost to the Government under the so-called "abandonment" provision of Article 10 of the Amended Contract. Furthermore, as the Owner's Consent to Lien executed on March 21, 1953, by David A. Fisher, Marjorie D. Fisher, Frank L. Fisher, Constance M. Fisher, R. M. Black, and Lillian Black, all of Clayton, Idaho, merely secures the payment of royalty "provided for under the terms of said exploration project contract", the Government's lien on the land and production therefrom may not be enforceable.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) Periodical examinations of the property by field representatives have disclosed no production from the property under the contract; and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be disclosed.

MME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address

Mr. Ralph M. Black

Clayton, Idaho

Contract No.	Docket No.
Idm-E223	DMEA-1959 (Lead-Zinc)
Prepared by (Signature) O.R. Macharen	Date 11/ 8/61

Yes	No	
		1. (a) Does the Operator stockpile ore subject to royalty repayment?
		(b) If so, is segregation and identification procedure adequate?
		2. (a) Does the Operator commingle production subject to DMEA or OME royalties with exempt production?
		(b) If so, is the allocation of the commingled production equitable?
		3. (a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?
		(b) If so, are adequate records maintained on such material to protect the Government's interest?
		4. Are the assay controls in effect adequate?
		5. Does the manner of disposing of production give the Government its fair royalty returns?
		6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?
		7. Does the Operator buy from or sell to other Operators?

8. Current status of property. (Check one).

- [x] Operating.
- [ ] Inactive.
- [ ] Abandoned.

Date of last production if not operating.

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:

Mr. Black replied on the back of our letter to him dated August 24, 1961, as follows: "We gave Bunker-Hill of Kellog, Ida., a Bond and Lease on the Hoodoo Property. They have been diamond drilling this summer. There has been no ore shipped from the property. There is no place around here I can get a Photostat Copy made. But am sure if you write Bunker Hill they will get you one."

84861-60

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

Granwold
Betty

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Executive Officer, DMEA Field Team, Region I, N. W. District, pertaining to Contract Idm-E223, Docket No. DMA-1959X, with:

Wylie M. Gardner and L. R. Vance, partners
d/b/a Hoodoo Mines
Clayton, Idaho

for the purpose of determining the amount of royalties due the U. S. Government on sales of zinc and lead from property referred to as Hoodoo Mine located in Custer County, Idaho, during the period January 24, 1952, to June 30, 1955.

The original contract was dated January 24, 1952 and was superseded and amended by Amended Contract dated June 3, 1953. Termination Agreement dated April 27, 1954, provided for termination of all work and operations under the Amended Contract as of May 1, 1953, and that the royalty repayment period shall be for a period of 10 years from the date of the original contract (January 24, 1952). According to report of review in lieu of final audit prepared by Mr. C. A. Turner, Auditor, under date of June 7, 1954, total accepted costs under the contract amounted to $7,736.12 with the Government's participation, on a 50 percent basis, being $3,868.06.

No royalties have been paid to the Government to date in connection with this contract.

This review was made in lieu of an on-site audit of the operator's accounts and records for the following reasons:

(1) According to Semi-Annual Report of Certified Project for the period January 1 to June 30, 1955, there are no underground workings on the Hoodoo Mine, the only exploration work has been diamond drilling under the DMEA program, and there has been no further attempt to develop the property, and

(2) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be recovered.

C. E. Fisher
C. E. Fisher Auditor

August 5, 1955

FILE COPY
SURNAME:
500

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

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

To: Mr. Wylie M. Gardner, Partner
Hoodoo Mines
Box 1286
Wallace, Idaho

Pursuant to the provisions of Exploration Project Contract No. Idm-E223, dated January 24, 1952, Docket No. [illegible] 1959, hereinafter called the "Contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that a discovery or development has resulted from the work from which commercial production of ore may be made.

The Government's estimate of said discovery or development is particularly described and delimited as follows: Diamond drilling which was done has indicated zinc ores in a vein occurring on tracts of land in Custer County, Idaho, such tracts being particularly described in the contract.

Dated MAY 1 4 1953

THE UNITED STATES OF AMERICA

By O D Mitteudorf
Administrator, Defense Minerals
Exploration Administration

WRGriswold/hmj
(5/6/53)
CC to: Docket
Cont. Admin & Audit Div.
Region II (2)
Finance Office
Base Metals Division
Russell Forbes, Acting Adm. DMPA
Adm. R. File
Op. Committee
Mr. Hedges, Rm 4604
Mr. Thayer, Rm 5216, GSA Bldg.
Mr. Griswold
Chron.
Frank E. Johnson

8.N.
5-14-53

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Wylie M. Gardner, P. O. Box 1286, Wallace, Idaho
L. R. Wance, Clayton, Idaho, partners
doing business as the

Hoodoo Mines,
Clayton, Idaho

pertaining to Exploration Project Contract No. Idm-E223, Docket No. DMEA-1959X, including Amendments Nos. 1 and 2, dated January 24, 1952, and Amended Contract No. Idm-E223, Docket No. 1959X without amendments, dated June 3, 1953, for the period of January 24, 1952 to May 28, 1954, covering a project for the exploration of zinc and lead, on property known as the Hoodoo Mines, located in Custer County, Idaho.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Executive Officer of the DMEA Field Team, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reason:

(a) The accepted costs ($7,736.12) of all work on an actual cost basis were covered by an interim Audit Report and Audit Certificate, dated July 7, 1953, issued by C. A. Turner, DMEA auditor.

The review disclosed the following facts in regard to the amounts paid or to be paid the contractor:

Total cost as billed by Contractor		$9,522.10
Less salvage proceeds on property		200.00
Net Cost claimed		$9,322.10
Exceptions:		
Prior to this review	$1,585.98	
During this review	none	1,585.98
Total Accepted Costs		$7,736.12

The contract calls for a 50 percent participation of exploration expense by the United States Government. Therefore, payment to the contractor by the Government in the amount of Three thousand eight hundred sixty eight and 06/100 Dollars

--$3,868.06--

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

C. A. Turner, Auditor

June 7, 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

Arnold
Betty

INTERIM AUDIT CERTIFICATE

I have examined the records and transactions of

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

doing business as the

Hoodoo Mines,
Clayton, Idaho

pertaining to Exploration Project Contract Idm-E223 with Amendments No. 1 and 2, Docket No. DMA 1959X, and Amended Contract Idm-E223 (subject to Exhibit "A", Annex I and Annex II) Docket No. DMA 1959X, for the period of January 24, 1952 to May 12, 1953.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit disclosed the following facts in regard to the amount to be paid the contractor:

Total cost as billed by contractor			$9,522.10
Less salvage proceeds on property			200.00
Net cost claimed			9,322.10
Exceptions: (see audit report for details)			
Prior to this audit		$291.35	
During this audit	$1,326.64		
Less reinstatements	32.01		
		1,294.63	
			1,585.98
Total accepted cost			$7,736.12

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Three Thousand Eight Hundred Sixty Eight and 06/100 Dollars

$3,868.06

is valid and proper.

This certificate is issued on the provision that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

C. A. Turner
Auditor

July 7, 1953

I INTRODUCTION

On April 16 and 17, 1953 an interim audit (covering the period of January 24, 1952 to May 12, 1953) was made of the records and accounts of operations pertaining to Contract No. Idm-E223 with Amendments Nos. 1 and 2, Docket No. DMA 1959X, and Amended Contract Idm-E223 (subject to Exhibit "A", Annex I and Annex II) Docket No. DMA 1959X,

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

doing business as the

Hoodoo Mines,
Clayton, Idaho

covering a project of exploration for zinc and lead.

The accounting records under this contract are in the possession of Wylie M. Gardner, partner, Box 1286, Wallace, Idaho. Mr. Gardner is assisted with the reports by H. F. Magnuson & Co., a firm of Certified Public Accountants, Wallace, Idaho.

During the course of the audit Mr. Wylie M. Gardner and Mr. H. F. Magnuson were consulted as required and their assistance greatly facilitated the audit.

II GENERAL INFORMATION ON RECORDS

The accounting records for the exploration contract consist of supplier's invoices, payroll records, and paid bank checks. A general ledger or cost ledger is not maintained.

The source documents covering the cost of the project are recorded on monthly work sheets which form the basis for preparation of the monthly

MF-104 Operator's Monthly Report and Voucher. Therefore, this audit involved in general a check of the source documents against the monthly work sheets. All costs were recorded on a cost basis.

III SCOPE OF AUDIT AND FINDINGS

(1) Independent Contracts

Not applicable to this contract.

(2) Labor and Supervision

All charges under this item were checked against the recordings on the monthly work sheets. In order to verify the labor time, rates and charges, the labor costs charged to the project were checked back from the work sheets through the monthly payrolls which are supported by the daily time record kept at the mine. The mine record is made daily recording the hours worked, rates of pay, and classification of labor. Rates of pay are in conformance with the terms of the contract and those prevaling in the area. Payment was verified by paid bank checks.

The audit disclosed that costs shown under this item properly chargeable and allowable under the terms of the contract to be:

Labor	$3,530.08
Supervision	500.00
Allowed by audit	$4,030.08

Supervision

1952			
June	Wylie M.	Gardner	$ 50.00
July	"	"	100.00
August	"	"	100.00
September	"	"	100.00
October	"	"	100.00
November	"	"	50.00
Total supervision claimed			$500.00

The following deletions were made by the Certifying Officer because of deficient payrolls.

July labor	$1,066.94
August labor	705.09
August supervision	100.00

The above amounts were reclaimed by the Operator in September and supported by acceptable payrolls.

A deletion of $0.09 was made in September because of error in addition on payroll.

(3) Operating Materials and Supplies

All charges against this category were checked against the monthly work sheets to determine propriety of items charged. These items were verified by examination of supplier's invoices and paid bank checks.

A stores account was not maintained. All supplies charged to the project were from direct purchases.

The total costs properly chargeable and allowable under this item were found to be:

Bits, Core Barrels, Casings	$3,183.61	
Less returned to the supplier for credit	2,233.44	$ 950.17
Drill Supplies		207.31
Oil, Lube, Gasoline	206.76	
Less Gas Tax refund	18.24	188.52
Hose and Fittings		80.00
Cable and Clamps		50.29
Chain		12.34
Tires for Jeep		85.04
Tire Repairs		14.60
Small Tools		58.46
Pipe and Fittings		83.08
Miscellaneous		32.75
Allowed by audit		$1,763.06

The operator on April 30, 1953 made an offer of $100.00 for the Government's equity in the remaining small tools and supplies on hand, The offer was accepted May 12, 1953 by M. E. Volin, Acting Executive Officer, DMEA Field Team, Region II. Copies of these letters are attached. After this transaction no supplies remain on hand.

The operator's April 1953 MF-104 item of supplies is corrected on Exhibit "A" as follows:

April 1953 MF-104, Other Supplies		$3,134.97
Additions:		
Repairs to equipment	$37.28 (b)	
To cancel duplicate credit for bits and steel	204.11 (c)	
Error carrying October totals forward to November MF-104	.15 (d)	241.54
		3,376.51
Deductions:		
November credit for bits and steel not entered	$1,571.93 (e)	
Error carrying February total forward to March-April MF-104	.17 (f)	
Deletions not taken into account on MF-104		
Lumber	26.40 (g)	
Miscellaneous	12.95 (h)	
Repairs	2.00 (i)	
		1,613.45
Supplies allowed by audit		$1,763.06

The Certifying Officer made the following deletions due to improper documentation. These items were reclaimed on the December MF-104 properly documented.

July -	Gasoline	$29.27
August-	Gasoline	27.10
		$56.37

The Certifying Officer made the following deletions due to improper documentation. These deletions were not taken into account on the

MF-104 submitted by the operator and are as follows:

October	
Lumber	$26.40
Miscellaneous	12.95
Repairs	2.00
	$41.35

(4) Operating Equipment

All charges for operating equipment were checked against the monthly work sheets and the rates specified in the contract. There were no daily time logs or other records covering the use on the project of equipment. The time charged was based on estimates which were compared with the labor payroll hours worked and appeared to be most reasonable.

The proper and allowable costs for operating equipment were found to be:

Rental:	
Diamond Drill, 105 days at $10.00 per day	$1,050.00
Depreciation:	
Jeep Pickup, 4-1/2 months at $20.00 per month	90.00
Allowed by audit	$1,140.00

(5) Initial Rehabilitation and Repairs

Not applicable to this contract.

(6) New Buildings and Improvements

Not applicable to this contract.

(7) Miscellaneous

Sampling and Analysis

All charges for assaying were checked against the monthly work sheets. An analysis was made to determine propriety of the items charged which were verified by invoices rendered by the assayers. Payment was verified by paid bank checks.

The total costs properly chargeable and allowable under this item were found to be:

September	$30.60
October	6.40
November	7.20
Allowed by audit	$44.20

The operator claimed on his April MF-104 $37.00. This should have been $44.20. The MF-104 November total for assaying, $44.20, was carried forward to the December MF-104 as $37.00. This is corrected on Exhibit "A" by addition of $7.20 (k)

Payroll Taxes - Industrial Insurance

All charges for payroll taxes and industrial insurance were checked by computation at rates shown by the company's files to be in effect. These rates were

Old Age Benefit Tax	1.5%	
Unemployment Insurance, Idaho	1.9	
Unemployment Insurance, Federal	-0-	
Total payroll taxes		3.4%
Industrial Insurance		7.0%

The amount claimed by the operator was found to be well within the above limits and allowed by the audit as follows:

Claimed April MF-104	$284.92
Deletion September MF-104 reinstated by audit Schedule "A" (L)	32.01
Allowed by audit	$316.93

The Certifying Officer deleted from the September MF-104 industrial insurance in the amount of $32.01 because of the operator's method of computation. This audit disclosed that the amount claimed which had been deleted was within the amounts allowable and was therefore reinstated.

Rehabilitation, Etc.

The items under this category were found to be "The cost of clearing the access road, preparing drill sites and transportation of the drilling equipment to the property," as provided for in Amendment No. 2.

The costs allowable and propertly chargeable to this item were found to be:

Clearing access roads - bulldozing	$128.00
Transportation of drilling outfit, pipe and equipment to drilling site	322.00
Allowed by audit	$450.00

The operator claimed $250.00 for the transportation of the drilling outfit from the mine. This item was disallowed by the Certifying Officer due to the fact that such an expense was not provided for in the contract. The Operator failed to take the deletion of $250.00 into account on his MF-104 Totals to Date. It is therefore disallowed by this audit.

(8) Contingencies

Accounting

Items under this category were found to be invoices covering the accounting services rendered by a firm of public accountants for their work pertaining to the project. Payment was verified by paid bank checks.

The proper and allowable costs were found to be

August 1952	$27.50
September	20.00
October	47.50
November	34.00
December	25.35
February 1953	27.50
April	10.00
Allowed by audit	$191.85

The operator's November work sheets included an item of $34.00 which he failed to include on the MF-104. This item of $34.00 (N) is added as it is a proper and allowable charge.

IV CONCLUSIONS AND RECOMMENDATIONS

This audit has disclosed that all costs, as charged to this project, with the exception of the disallowances made by the certifying officer under Items (3) Operating Materials and Supplies, and (7) Transportation, of the preceding section of this report, are reasonable and proper under the terms of the contract.

C. A. Turner, Auditor

HOODOO M[illegible]S
Idm-E223
EXHIBIT "A"

	Totals April 30, 1953 MF-104	Distribution Corrected Increase	Distribution Corrected Decrease	Distribution Corrected Total	Disallowed Prior to Audit	Disallowed By Audit	Allowed By Audit
(1) Independent Contracts							
Bulldozing	$ 128.00	$	$ 128.00	-0-	$	$	$ -0-
(2) Labor and Supervision							
Labor	3,530.08			3,530.08			3.530.08
Supervision	500.00			500.00			500.00
(3) Operating Materials & Supplies							
Other	3,134.97	37.28 b	1,763.06 j	1,409.19	2.00 i 12.95 h 26.40 g	- .15 d) + .17 f) - 204.11 c) +1,571.93 e)	-0-
Bits, Steel		950.17 j		950.17			950.17
Drill Supplies		207.31 j		207.31			207.31
Oil, Lube, Gasoline		188.52 j		188.52			188.52
Hose and Fittings		80.00 j		80.00			80.00
Cable and Clamps		50.29 j		50.29			50.29
Chain		12.84 j		12.84			12.84
Tires for jeep		85.04 j		85.04			85.04
Tire Repairs		14.60 j		14.60			14.60
Small Tools		58.46 j		58.46			58.46
Pipe and Fittings		83.08 j		83.08			83.08
Miscellaneous		32.75 j		32.75			32.75
(4) Operating Equipment							
Rental Diamond Drill	1,050.00			1,050.00			1,050.00
Depreciation, Jeep	90.00			90.00			90.00
(5) Initial Rehabilitation and Repairs							
(6) Mine Buildings							
(7) Miscellaneous							
Repairs to Equipment	37.28		37.28 b	-0-			-0-
Sampling and Analysis	37.00			37.00		- 7.20 l	44.20
Payroll Taxes	280.52			280.52		- 32.01 l	312.53
Liability Insurance							-0-
Rehabilitation	578.00		322.00 m	250.00	650.0		
Transportation of Equipment		322.00 m 128.00 n		650.00			650.00
(8) Contingencies							
Accounting	157.85			157.85		- 34.00 n	191.85
	$9,522.10	$2,250.34	$2250.34	$9,522.10	$ 291.5	$1,224.63	$7,936.12
Salvage sale of Supplies	200.00			200.00			200.00
	$9,322.10	$2,250.34	$2250.34	$9,322.10	$ 291.5	$1,224.63	$7,736.12

HOODOO MINES
Idm-E223
EXHIBIT "B"

Maximums Allowable - Amendment No. 2

	Maximum Allowable	Total Costs	Balance
Depreciation Jeep Pickup	$120.00	$ 90.00	$30.00
Clearing Access Road) Preparing Drill Sites) Transporting Equipment) to the mine)	450.00	450.00	—
	$570.00	$540.00	$30.00

COPY

Hoodoo Mine
Box 1236
Wallace, Idaho

April 30, 1953

Mr. Thomas E. 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 /s/ Wylie M. Gardner
Wylie M. Gardner

WMG:MF

COPY

1201 N. Division St.
Spokane 2, Washington
May 12, 1953

Mr. Wylie M. Gardner
Hoodoo Mines
Box 1286
Wallace, Idaho

Subject: Docket No. DMEA 1959 (zinc-lead)
Contract Idm-E223
Disposal of small tools and supplies

Dear Mr. Gardner:

This is in reply to your letter of April 30, 1952, to Mr. Howard, in which you offer $100 for the Government's interest in certain small tools and supplies purchased under the subject contract. This offer is acceptable to the Government.

We regret that we have had no information from the Washington, D. C. office regarding the proposed amendment to the contract. If we do not hear within the next few days we intend to wire for the information.

Sincerely yours,

M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

cc:

Docket copy

TERMINATION AGREEMENT

It is agreed this 27th day of April, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Wylie M. Gardner and L. R. Vance, partners, doing business as the Hecla Mines, hereinafter called the "Operator," parties to that certain Amended Exploration Project Contract IDm-E223 (Docket No. DMEA-1959), dated June 3, 1953, effective January 24, 1952, hereinafter called the "Amended Contract," that:

1. All work and operations provided for in said Amended Contract shall be terminated as of May 1, 1953.

2. The Operator shall promptly perform all winding-up and settlement actions provided for in the Amended Contract, including the disposal of any buildings, fixtures, equipment, or other items to the cost of which the Government has contributed and in which it has an equity; and shall promptly render to the Government a final report and final accounting.

3. Any work or operations prosecuted or costs incurred by the Operator after May 1, 1953, shall be for the sole account of the Operator without contribution by the Government, except for necessary and reasonable costs and expenses incurred in (a) preserving and disposing of property, and (b) making and rendering reports, accounts, and winding-up and settlement actions provided for in the Amended Contract.

4. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Amended Contract, except as herein otherwise provided.

5. All rights of the Government with respect to percentage royalty and lien for its payment under the Amended Contract are preserved.

6. In Articles 9 and 10 of the Amended Contract form the words "the date of this contract" are deleted, and the words "the date of the Prior Contract (January 24, 1952)" are substituted.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

Butin
Chamberlin
Hoffman

THE UNITED STATES OF AMERICA

By C P Mitchenor
Administrator, Defense Minerals
Exploration Administration

BUCKEYE MINES

By Clyde M. Gardner (Partner)

By L R Vance (Partner)

MF-200
(June 1951)
(Revised Feb. 1952)

DOCKET [redacted] DMA-1999X

COMMODITY Zinc, lead

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
AMENDED
EXPLORATION PROJECT CONTRACT[1]

Docket Copy
IDM-E 223

THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 13 1953

IT IS AGREED this 3rd day of June, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Wylie M. Gardner, Box 123, Wallace, Idaho, and E. R. Vance, Clayton, Idaho, partners, doing business as the Hoodoo Mines, Clayton, Idaho

hereinafter called the "Operator," as follows: and as set forth in Exhibit I and Annex II

ARTICLE 1. *Authority for contract.*—This agreement is entered into under the authority of the Defense Production Act of 1950, as amended, pursuant to DMEA Order 1 entitled "Government Aid in Defense Exploration Projects."

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Idaho, County of Custer, described as follows:[3] Unpatented mining claims Hoodoo No. 1 to Hoodoo No. 12 inclusive, and Hoodoo Millsite in the Boulder Creek Mining District T.10N., R.15E., B.M.(unsurveyed) and recorded in Book 11 at pages 353,354,355,356,357, and 358, in Book 10 at pages 576,577, in Book 14 at pages [illegible], in Book 1 at page 9 respectively, of Mining Records of Custer County, Idaho the Operator represents and undertakes:

~~(a) That the Operator is the owner in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances, a schedule of which, with the subordination agreement of the holder, is attached:~~

(*b*) That the Operator is a lessee, in possession and entitled to possession, and the Owner's Consent to Lien is attached.

The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof.

ARTICLE 3. *Exploration project.*—The Operator, within ~~[illegible]~~ continue ~~[illegible]~~ work on a project of exploration for[5] zinc and lead

in or upon the described land; and shall bring the project to completion within ~~[illegible]~~ or to July 1, 1954, ~~[illegible]~~ The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided.

ARTICLE 4. *Performance of the work.*—(*a*) *Operator's responsibility.* The work shall be performed efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmens' compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. To the extent specified in Exhibit "A," attached hereto, the work may be performed by independent contractor or contractors; and work not specified in Exhibit "A" for performance by independent contractor may nevertheless be so performed upon amendment of Exhibit "A," as agreed to by the parties, to state the work to be so performed and the estimated unit costs thereof, as provided hereafter.

(*b*) *Independent contracts.*—Any independent contract for the performance of work shall be on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved), or on some basis that will indicate the amount due for work performed at any stage of the work to be performed under such independent contract. The Government shall not be nor be considered to be a party to any such independent contract, and the Government's right to terminate the exploration project contract under any of its provisions shall not in any manner be affected by reason of any such independent contract. If the reference in Exhibit "A" to any such independent contract states that the Government's approval thereof is required, the Government may refuse to participate in the cost thereof unless and until it has given its written approval of the independent contract.

(*c*) *Government may inspect.*—The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 5. *Estimated costs of the project.*—A statement of the estimated cost of the project is set forth in Exhibit "A," attached hereto. Except insofar as any item of requirement or the estimated cost thereof set forth in Exhibit "A" is there or elsewhere designated as an "allowable maximum," such items of requirement and of related cost are estimates only, and may be exceeded to the extent that the Government may from time to time approve for the most economic and beneficial performance of the work within the limitation of the total aggregate estimate of costs. The Government's approval of any such excess over the estimate for an item of requirement or related cost will be signified by its approval and payment of any invoice or voucher for payment which expressly calls attention to such excess. Items expressly designated in Exhibit "A" or elsewhere as "allowable maximum," and the total aggregate estimated cost are limitations, and any excess therein will be for the sole account of the Operator in which the Government will not participate.

ARTICLE 6. *Allowable costs of the project.*—(*a*) The costs of the project in which the Government will participate are limited to the following:

(1) *Independent contracts.*—Payments to independent contractors under independent contracts listed in Exhibit "A." The estimated cost of any work to be performed under an independent contract is or shall be included in the estimate of costs in Exhibit "A" in terms of the estimated numbers of units of work to be performed, the estimated amount to be paid per unit, and the estimated total amount to be paid to the independent contractor, and such estimates shall be allowable maximums above which the Government will not contribute. Regardless of the provisions of any such independent contract, the Government will participate in the payments to the independent contractor only on account of work actually performed and that conforms with the provisions of the exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable and necessary. No such independent contract shall have the effect of increasing the estimated total cost of the exploration project contract nor the maximum amount which the Government will pay as provided in the exploration project contract.

(2) *Labor, supervision, consultants.*—Labor, supervision and technical services (including engineering and geological consultants), a schedule of which is included in the estimate of costs set forth in Exhibit "A." The requirements and related estimated costs for supervision and technical services are allowable maximums.

(3) *Operating materials and supplies.*—Necessary materials and supplies including items of equipment costing less than $50.00 each, and power, water, and fuel, a schedule of which is included in the estimate of costs in Exhibit "A."

(4) *Operating equipment.*—Any operating equipment to be rented or purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or the allowable depreciation, as the case may be, a schedule of which is included in Exhibit "A." Any items listed as owned and to be furnished by the Operator, and related ~~[illegible]~~ allowable depreciation, are allowable maximums.

(5) *Rehabilitation and repairs.*—Any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and to be devoted to the purposes of the exploration contract, a schedule of which is included in the estimate of costs set forth in Exhibit "A." These items are allowable maximums.

(6) *New buildings, improvements, installations.*—Any necessary buildings, fixed improvements, or installations to be purchased, installed, or constructed for the purposes of the exploration work, with the estimated cost of each, a schedule of which is included in the estimate of costs in Exhibit "A." All of these items are allowable maximums.

(7) *Miscellaneous.*—Repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance and payroll taxes.

(8) *Contingencies.*—Such other necessary, reasonable direct costs of performing the exploration work, within the limit of the total aggregate estimate of costs, whether or not included in any schedule of costs in Exhibit "A," as may be approved by the Government in the course of the work, as indicated by its approval and payment of invoices and vouchers.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) The Government's payments in [illegible] cases will be based on actual, necessary co[illegible] (including contract unit prices) incurred not in excess of any "allowable maximum," and not in excess of the fixed percentage of the total aggregate estimated cost. Costs will be considered to be incurred only as they are or become due and payable.

(*c*) No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes) or any other indirect costs, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

ARTICLE 7. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operators shall provide the Government with monthly reports of work performed and costs (including contract unit prices) incurred under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of costs incurred on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) Compliance with requirements.—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account as provided in Article 12.

ARTICLE 8. *Payments by the Government.*—(*a*) The Government will pay 50 percent of the allowable costs incurred, as they accrue, in an aggregate total amount not in excess of $23,135.00, which is 50 percent of $46,270.00, the agreed, estimated total cost of the project in which the Government will participate; *Provided,* that until the Operator's final report and final accounting have been rendered to the Government, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract.

(*b*) The Government may make any payment or payments direct to independent contractors and to suppliers, for the account of the Operator, rather than to the Operator.

ARTICLE 9. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: The percentage royalty on a net amount of five dollars ($5.00) per ton would be one and one-half (1½) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(*b*) As here used, "net smelter returns," "net concentrator returns," and "other net amounts realized from the sale or other disposition," mean gross revenue from sales; or if not sold, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income-tax determination.

(*c*) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(*d*) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

ARTICLE 10. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 11. *Title to and disposition of property.*—All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

ARTICLE 12. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall dispose of any remaining materials, supplies, facilities, buildings, fixtures, and equipment in which the Government has an interest, for the joint account of the Operator and the Government in the proportion of their respective interests; shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; and shall pay to the Government its pro rata share of any money remaining.

ARTICLE 13. *Changes and added provisions.* To the extent that costs are set forth in Exhibit "A" as "agreed unit costs" they are in lieu of the actual costs of the project as provided in Article 5(a) of the contract form.

Executed in sextuplicate the day and year first above written.

HOODOO MINES

By Nyle M. Gardner (Operator) Partner

By L. R. Vance Partner

THE UNITED STATES OF AMERICA

By C. O. Mittendorf
Administrator, Defense Minerals Exploration Administration

I, , certify that I am the secretary of the corporation named as Operator herein; that , who signed this contract on behalf of the Operator, was then of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

[CORPORATE SEAL]

EXPLORATION PROJECT CONTRACT
HOODOO MINES
DOCKET NO. DMA-1959X

EXHIBIT "A"

Description of the Work

This exploration project consists of:

(1) 1,632 feet of diamond drilling (already performed) to determine the extent and grade of the ore exposed in the adit and in the outcrop shown on the map attached to the Prior Contract.

(2) As indicated on the map attached hereto and entitled "Hoodoo Property, Custer County, Idaho - DMEA Docket No. 1959- Idm E-223," the mineralized zone shown by the diamond drilling done under the Prior Contract shall be explored by means of the following work:

a. Improve the present road and construct a new section thereof to provide access to the drifts and crosscuts.

b. Crosscut (5 x 7 feet in the clear) approximately 350 feet to intersect the vein.

c. Drift (5 x 7 feet in the clear) approximately 500 feet on the vein.

The location, direction and extent of all work is subject to the prior approval of the Government engineers.

Estimated Costs of the Project
(*Indicates allowable maximum)

Actual cost of diamond drilling under the Prior Contract	$9,720.00 1/
Agreed Unit Costs	
850 feet of drifting and crosscutting @ $35/ft.	29,750.00

1/ This figure is subject to final audit.

The Government will contribute to the costs of the drifting and crosscutting on the basis of these agreed unit costs per foot, as they accrue, for units of work actually performed, in lieu of actual costs. These agreed unit costs include all costs of the work, except the items estimated below, to the cost of which the Government will contribute on the basis of actual costs as specified in Article 6(a) of the contract form.

Estimated Actual Costs

(1) Independent contracts

None

(2) Labor, supervision, consultants

None

(3) Operating materials and supplies

None

(4) Operating equipment

To be purchased

4 side dump mine cars @ $400/ea.	$1,600.00	
2 Atlas rock drills @ $700/ea.	1,400.00	
1 Ventilation fan with 5 HP engine	200.00	
1 30" chain saw	300.00	$ 3,500.00*

(5) Rehabilitation and repairs

None

(6) New buildings, improvements, installations

Improve present road and construct new section	$3,000.00 2/ *	

(7) Miscellaneous

Assaying	300.00	

(8) Contingencies

None		
Estimated total cost of Work under the Amended Contract		$36,550.00*

S U M M A R Y

Estimated total cost of Work under the Amended Contract	$36,550.00*	
Estimated total cost of Work under the Prior Contract	9,720.00*	
Estimated total cost of Project		$46,270.00*
Government Participation @ 50%		$23,135.00*

2/ Includes cost of labor, supplies, equipment rental, and all other costs of the work.

EXPLORATION PROJECT CONTRACT
HOODOO MINES
DOCKET NO. DMA-1959X

ANNEX I

Materials and Supplies: For the purpose of determining the Government's interest in materials or supplies remaining upon any termination of the work, they shall be considered in groups or categories (such as pipe, or explosives, or rails, or drill steel), and if the original cost of the remaining unexpended portion of any such group or category exceeded $50, the Government shall have an interest therein as provided in Article 11 of the contract form.

Equities in Equipment. Unless expressly permitted by provisions in Exhibit "A", the operator shall not procure equipment or any other item under a rental-purchase agreement, an installment-purchase agreement, any agreement which creates or builds up an equity or interest in the thing procured which can be converted to legal title only by further payment or some other consideration, or any agreement other than for straight rental or cash purchase and delivery.

Preservation of Property. Until the final disposal of any equipment or other property in which the Government has an interest or equity, the operator shall preserve and protect same for the mutual best interests of the parties, any reasonable and necessary cost thereof to be treated as an allowable cost of the exploration work to which the Government will contribute.

EXPLORATION PROJECT CONTRACT
HOODOO MINES
DOCKET NO. DMA-1959X

ANNEX II

WHEREAS, the parties to this agreement are also parties to Contract Idm-E223, Docket No. DMA-1959X, dated January 24, 1952, as amended, executed on Contract Form MF-200 (June 1951), hereinafter called the Prior Contract; and

WHEREAS, of the 3,000 feet of diamond drilling provided for in the Prior Contract only 1,632 feet thereof have been completed and the parties desire to discontinue the said diamond drilling and in its place to crosscut and drift as hereinafter indicated, and to add various mining claims to those mentioned in Article 2 of the Prior Contract; and

WHEREAS, the parties desire to restate their agreement on a new contract form and to change the basis for the payment of part of the work to be done to a unit cost basis instead of an actual cost basis;

NOW THEREFORE, it is mutually agreed as follows:

1. Effective as of the date of its execution, the Prior Contract is amended and superseded by this Amended Contract executed on Form MF-200 (revised February 1952), which shall govern the Government's claim and lien for percentage royalty and in which the rights and obligations of both parties are fully merged.

2. All work performed under the Prior Contract having been fully paid for, the Operator hereby agrees to and hereby releases and saves harmless the Government from all claims and demands arising out of the Prior Contract.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Idaho, County of Custer, described as follows:1/ Fisher, Fisher & Black:

Hoodoo Claims #1,2,3,4,5, and 6,	Book 11,	Pages 353, 354, 355, 356, 357, 358
Hoodoo Claims #7, 8	Book 13	Pages 576, 577
Hoodoo Claims #9, 10, 11, 12	Book 14	Pages 54, 55, 56, 57
Hoodoo Millsite	Book 1	Page 9

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Wylie M. Gardner, Box 1286, Wallace, Idaho and L. R. Vance, Wallace, Idaho, Partners, doing business as the Hoodoo Mines, Clayton, Idaho

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 22,625.00, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 21st day of March, 195 3.

x David A. Fisher [Seal] Marjorie M. Fisher

x Frank L. Fisher [Seal] Constance M. Fisher

x R. M. Black [Seal] Dillon Black

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

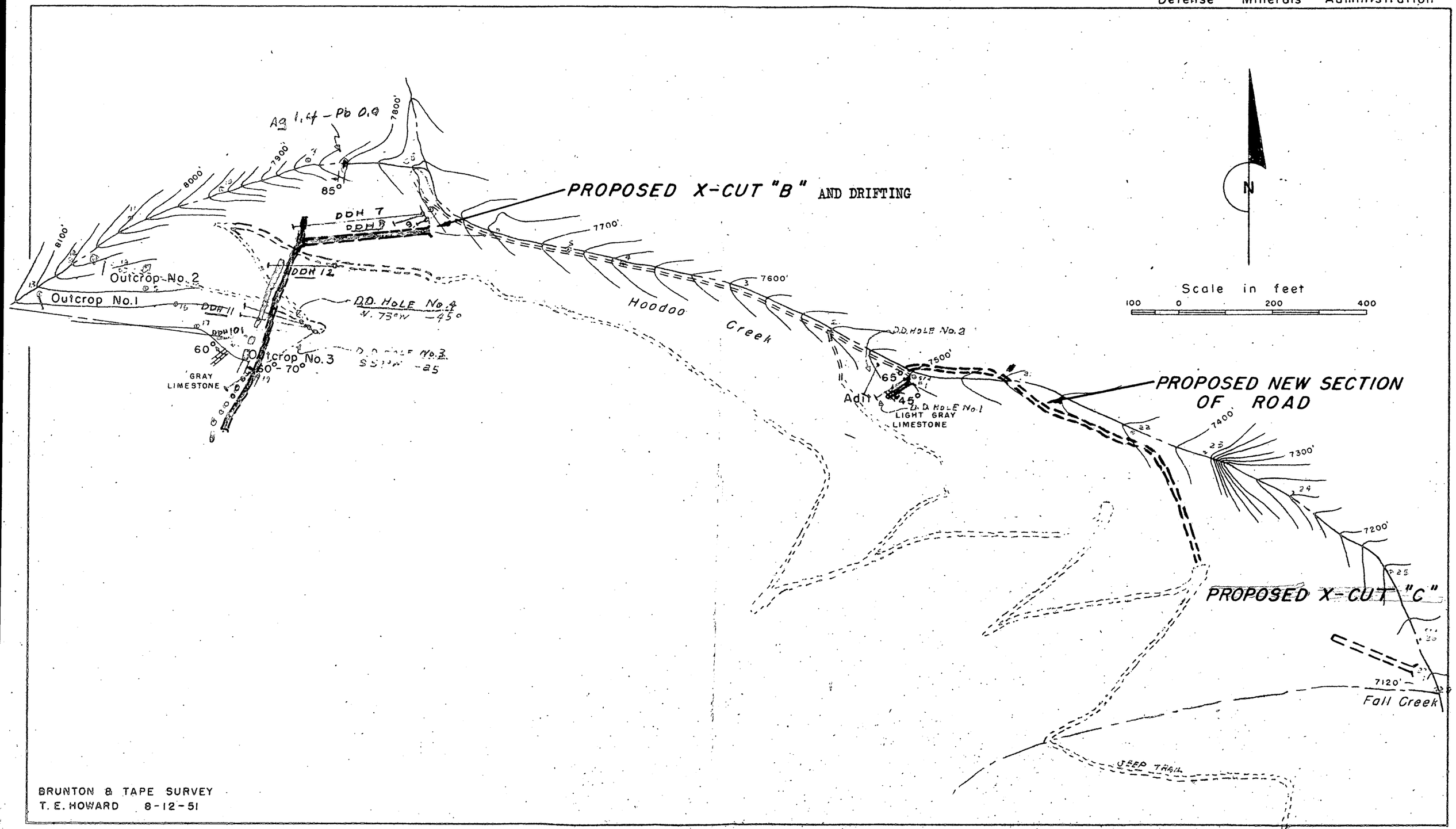
(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

Interior--Duplicating Section, Washington, D. C.

Defense Minerals Administration



BRUNTON & TAPE SURVEY
T. E. HOWARD 8-12-51

Hoodoo property, Custer County, Idaho

D.M.E.A. Docket No. 1959 Idaho E-22-3

Docket Copy

AMENDMENT NO. 2

It is agreed this 30th day of July, 1952, between the the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Mylie M. Gardner and L. R. Vance, partners, doing business as the Hoodoo Mines, Clayton, Idaho, (Docket No. 1959X, zinc-lead)

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-2223 of Jan. 24, 1952 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be June 1, 1952.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2684 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated 'Allowable Maximum'".

Executed in sextuplicate the day and year first above written.

Hoodoo Mines
(Operator)

By Mylie M. Gardner

The United States of America

By A. E. Weissenborn
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

SEP 2 1992

Hoodoo Mines
Exploration Project Contract Idm-E223

Amendment No. 2

Exhibit "F"

Changes and modifications

1. In exhibit "A" of the contract, page 1, under Operating Equipment add the following:

"To be furnished by Operator:

Item	Monthly depreciation Allowance	Period of use	Total
1 - 1951 Jeep Pickup	$20.00	6 mo.	$120.00*

*Maximum allowable

2. To exhibit "A" of the contract, page 2 add the following sentence:

"The cost of clearing the access road, preparing drill sites and transporting the drilling equipment to the property shall be allowable as a cost of the project to a maximum total of $450.00."

This amendment shall not increase the cost of the project. The costs provided for above are considered to be included in the estimated total cost of the project

Docket Copy
Donen 1959
Lead Zinc

AMENDMENT NO. 1

It is agreed this 24th day of March 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Wylie M. Gardner and L. R. Vance, Partners, doing business as the Hoodoo Mines, Clayton, Idaho.

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E223 of January 24 1952 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached therto, is made a part of this aggrement. The effective date of this amendment shall be March 24 1952.

This amendment is made by authority granted the Executive Office, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be constued to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

Defense Minerals Administration
APR 10 1952

HOODOO MINES
(Operator)

Wylie M. Gardner

By L R Vance

The United States of America

By A E Weissenborn

A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II

RECEIVED
APR 15 1952
U. S. G. S.
SPOKANE, WASH.

HOODOO MINES

Exploration Project Contract Idm-E223

Amendment No. I

EXHIBIT "F"

Changes and Modifications

1. In article 3 of the contract entitled "Exploration Project", line I, after "within" delete "60 days" and substitute "5 months", and in line 4 delete "6 months" and substitute "9 months".

RECEIVED
APR 15 1952
U. S. G. S.
SPOKANE, WASH.

MT-200
(June 1951)

Docket No. DMA 1959X
Commodity Zinc, lead
Idm-E223

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DOCKET COPY

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 24 day of January, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Wylie M. Gardner, Box 1286, Wallace, Idaho, and L. R. Vance, Clayton, Idaho, partners, doing business as the Hoodoo Mines, Clayton, Idaho.

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Idaho, County of Custer described as follows: [3] Unpatented mining claims Hoodoo No. 1, Hoodoo No. 2, Hoodoo No. 3, Hoodoo No. 4, Hoodoo No. 5 and Hoodoo No. 6 in the Boulder Creek Mining District T.10N., R.15E., B.M. (unsurveyed).

with respect to which the Operator represents and undertakes: [4]

(*a*) ~~That he is the sole owner in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached:~~

(*b*) That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.

3. *Exploration project.* The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for [5] zinc and lead; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] 6 months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Any additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute currently its agreed pro rata share, are listed in Exhibit "A" attached hereto. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro rata share.

6. *Operating equipment.* Any operating equipment to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or depreciation, as the case may be, is listed under appropriate headings in Exhibit "A" attached hereto. As to equipment purchased for the project, the Government will contribute its agreed pro rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro rata share.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* An itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project is set forth in Exhibit "A" attached hereto.

9. *Rehabilitation and repairs.* A statement of the cost of any necessary rehabilitation or repairs to put existing facilities, buildings, installations, and fixtures into useful and operable condition and which are to be allowed as costs of the project is included in Exhibit "A."

10. *Allowable costs of the project.* The costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, analytical work, accounting, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in this contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, taxes, or any other indirect costs not expressly allowed by these provisions, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

12. *Progress reports.* The Operator shall provide the Government with monthly reports of work performed under the contract upon forms to be provided by the Government. Each monthly progress report shall bear the certification of the Operator and shall constitute the Operator's invoice of costs incurred on the project during the period covered by the report.

13. *Payment to the Operator.* The monthly progress report (invoice), to the extent approved by the Government, shall be processed for payment by the Government. Payment shall be made in the amount of 50 percent of the approved costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $7,000.00, which is 50 percent of the agreed estimated total cost of this project, $14,000.00.

14. *Final reports by Operator.* Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

15. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter, shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent for each additional full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the mineral deposit which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

16. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

17. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in sextuplicate the day and year first above written.

Hoodoo Mines, a partnership

Wylie M. Gardner

Wylie M. Gardner, partner

By L R Vance

L. R. Vance, partner

THE UNITED STATES OF AMERICA

By C O Mittendorf

Acting Administrator
Defense Minerals Exploration Administration

U. S. GOVERNMENT PRINTING OFFICE 16

Docket No. DMA 1959X
Wylie M. Gardner, partner
L. R. Vance, partner

EXHIBIT "A"

Exploration Project:

The exploration project consists of diamond drilling to determine the extent and grade of the ore exposed in the adit and in the outcrops shown on the attached map. At least one hole shall be drilled to sufficient depth to test the outcrop extension at an elevation of approximately 7100 feet. Drilling sites are to be determined by surface topography, progressive drilling data, and the most feasible method of testing the outcrops by drill holes. The estimated total amount of drilling is 3,000 feet.

The drilling may be performed by contract at a price not in excess of $4.50 per foot, including all labor, supervision, materials, supplies, equipment rental and other direct costs of performing the drilling work. Assaying and engineering expense of mapping, logging and reports connected with the drilling shall be allowed to a maximum of $500.

Fixtures and Improvements:

None

Operating Equipment:

Following is a list of equipment that may be rented and purchased by the Operator for use on the project, with the estimated rental or purchase price for each item:

To be rented:

1 Diamond-drill outfit @ $10.00 per day is allowable.

In event the drilling is to be done on contract, the estimated contract price per foot is to include equipment for drilling and the above rental will not be allowable under such a contract.

Labor and Supervision:

The following schedule sets forth the material called for in Article 8 of the contract form:

1 Supervisor-engineer @ $500 per month

The labor required for drilling may be employed at not more than the rates of pay for such classifications prevailing in the area, and to the extent if necessary for the performance of the project as outlined in this exhibit, but the aggregate amount to be paid by the Government under this contract shall not thereby be increased over that stipulated in Article 13 thereof. In event the drilling is done on contract the estimated contract price is to include all labor except supervision.

Rehabilitation and Repairs:

No rehabilitation or repair of existing facilities is required for this project.

Estimated Total Cost of the Project:

The costs of the project in which the Government will participate are limited to those stated in Article 10 of the contract form. The following estimate of costs is for the purpose of determining the maximum liability of the Government under Article 13 of the contract form:

	3,000 feet diamond drilling @ $4.50 per foot	$13,500
1/	Assaying and engineering	500
	Total	$14,000

The estimated total costs set forth above include all labor, supervision, materials, supplies, equipment purchase and rental, tools, incidentals, office expense, assaying and engineering connected with this exploration project.

1/ The allowance for assaying and engineering is to include the expense incurred for all reports in satisfactory form and content to the Government as called for in the contract form.

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Custer, State of Idaho, described in a certain Exploration Project Contract dated [illegible], 195[illegible], between [illegible], the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated May 5 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

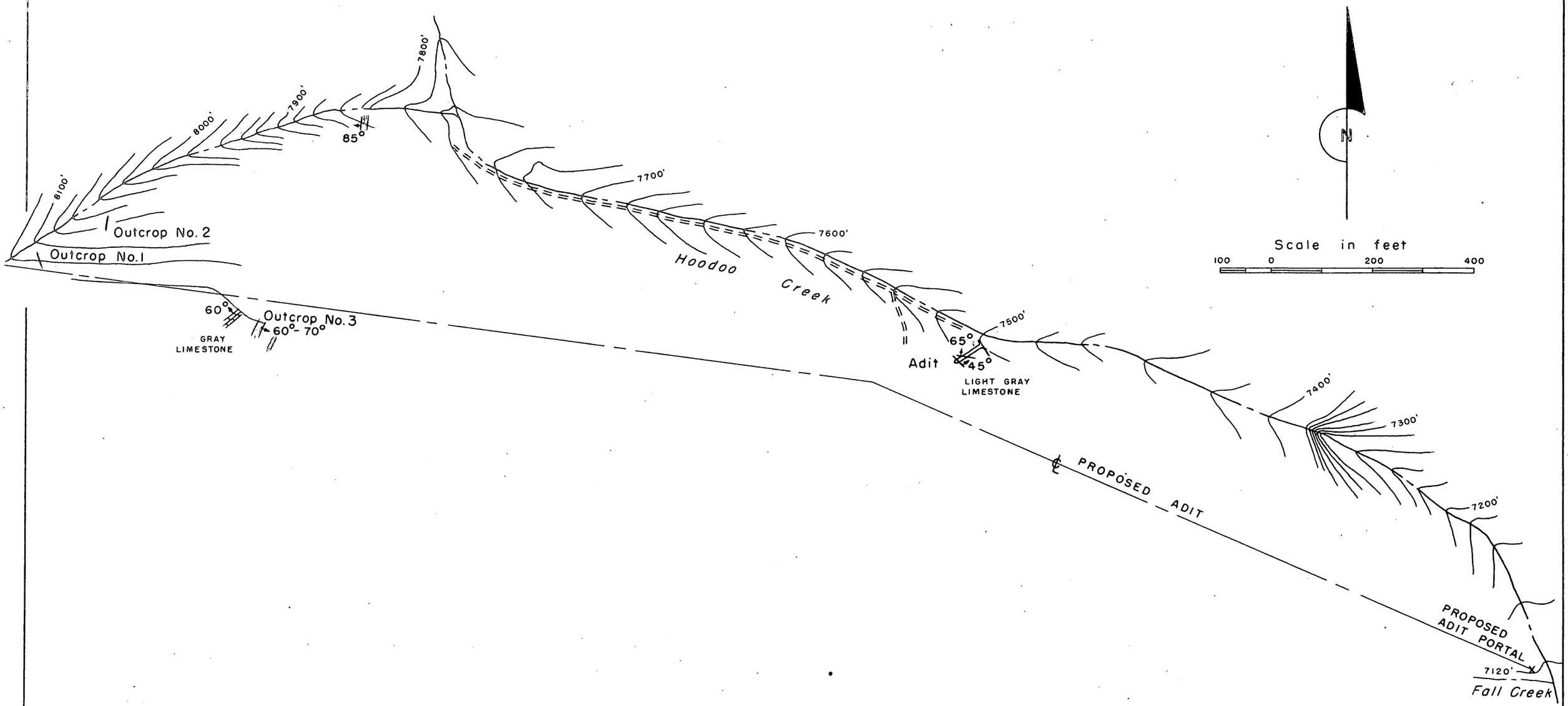
This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 19th day of July, 1951

Ralph M. Black
Gillian Black
David A. [illegible]
[illegible]
Frank L. [illegible]
[illegible]

U. S. GOVERNMENT PRINTING OFFICE 940768

Defense Minerals Administration



BRUNTON & TAPE SURVEY
T. E. HOWARD 8-12-51

Hoodoo property, Custer County, Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 21 1952

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1959

Date received 10-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 4 1951

HOODOO MINES

CLAYTON, IDAHO

WYLIE M. GARDNER
Box 1286
Wallace, Idaho

L. R. VANCE
Clayton, Idaho

Name and address of applicant

Date July 23, 1951

FILL IN THIS BLOCK

Date of application June 25, 1951

Estimated cost $ 79,900.00

Mineral or metal Zinc with lead and silver

Percentage of Government participation 50%

Location of mine Custer County, Idaho

Boulder Mining District

Date of filing MF-100 June 1951

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.

*5. Are you the owner or the lessee of the property? Lessee

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

7. If lessee, attach a copy of the lease and state if it is in good standing. Lease in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. Form MF-202 enclosed, signed by owners.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. See supp. sheet 2

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

See supplemental sheet No. 2

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact proposed exploration area upon which the exploration is to be conducted.

See supplemental sheet No. 2

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled. See supplemental sheet No. 2

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

See supplemental sheet No. 2

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. see sheet No. 2

NOTE.—The Government will not participate in a project that will require more than 2 years to complete. see sheet No. 2

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

see supplemental sheet No. 2

THE REQUIREMENTS AND COSTS

see supplemental sheet No. 3

23. Tabulate in the form of a statement, with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

see supplemental sheet No. 3

CERTIFICATION

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

HOODOO MINES (Name of Company) By, Myles M. Gardner L R Dance (Signature of authorized official)

(Date) Partners (Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Supplemental Sheet No. 2.

8. To date there has been no financial set-up established for the property. However, $1,300.00 has been spent for road building, assaying, and miscellaneous expense in preparation for a diamond drilling program. In the event that a financial statement is required, in this case, both partners can provide one upon request.

9. Applicants are prepared to spend up to $10,000.00 on a drilling program to prove the ground. If the results of the drilling prove a commercial ore body, funds will be available to meet the applicants' share of the total exploration program.

10A. The property consists of the following unpatented mining claims: Hoodoo No. 1, Hoodoo No. 2, Hoodoo No. 3, Hoodoo No. 4, Hoodoo No. 5, Hoodoo No. 6, and Hoodoo Millsite. All are located in Boulder Mining District, Custer County, Idaho. The area is unsurveyed.

B. Same as 10A.

15. When exploration and development have proven ore of sufficient grade and quantity, a mill will be constructed at the portal of the haulage level. Concentrates may be shipped to smelters in Montana or Utah.

19. This property has attracted considerable favorable attention for years; but because of the lack of development and the rough glaciated surface of the upper claims, no one has ever attempted further development.

20. This program will be conducted to explore a large replacement deposit of zinc ore with minor amounts of lead and silver.

21. Roads are now being completed that will give access to the surface of the claims for the first time. We propose to start with a diamond drilling program that will prove the extent and grade of the ore bodies. If the results of such drilling program are favorable, a crosscut will be started that will cross the entire zone at considerable depth. This crosscut will also serve as a haulage level to a very suitable millsite. The maximum length of this crosscut would be about 2,000 feet. Estimated time for diamond drilling - 100 days. Crosscut should start by Nov. 1, 1951, and be completed by August 31, 1952.

22. This project will cover an area of replacement mineralization that appears to be very extensive. The steep dipping beds give promise of considerable depth to the ore zone. Exploration here may develop an entirely new source of zinc-lead ore.

23 a. Diamond Drilling $10,000.00
Preparation of tunnel site 300.00
3,000 ft. crosscut, Contract labor @ $8.00/ft 24,000.00
Misc surface labor, 100 shifts @ 12.00 1,200.00
Road maintenance and snow removal - estimated 300.00

b. Superintendence and engineering 15 mo. @ 500./mo. 7,500.00
c. none
d. Building Compressor room-tool shed combination 1,000.00
" three room temporary dwelling 3,000.00

e. Compressor	$ 4,000.00	
Drilling equipment	1,000.00	
Mucking machine	4,000.00	
Ventilation fan with engine	1,500.00	
Haulage motor (air)	2,000.00	
Freight or delivery charge onequip	1,000.00	
	13,500.00	13,500.00

Supplies:		
3,000 ft. 2" pipe	1,680.00	
3,000 ft. 1" pipe	810.00	
3,000 ft. ventilation pipe	3,000.00	
Rail, 16# - 18 tons @ 110.00/ton	1,980.00	
Ties, 1500 @ .36	540.00	
Explosives, 15 tons @ 425.00/ton	6,375.00	
Caps, fuse, and misc blasting apar.	900.00	
Misc small tools and supplies	1,515.00	
	16,800.00	16,800.00

Power, diesel fuel, oil, grease, etc. 2,300.00
Total estimated cost of project: $ 7 9,900.00
79,900.00

24 a. Diamond drilling 500 ft. per mo.
Cross cut to be started by Nowvemberl, 1951. Estimated rate of advance, 200 ft. per month.

Diamond drilling	$ 5,000.00
Cost of equipment Oct-Nov 1951	13,500.00
Cost of Construction Oct-Now 1951	4,000.00

Estimated monthly costs excluding equipment.

Supervision and enginnering	500.00
Labor, contract/month	1,600.00
Misc surface labor	80.00
Explosives, track, pipe, etc.	1,120.00
Power, fuel, oil, etc.	150.00
Estimated monthly costs:	$ 3,450.00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 1 1951

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA 1959
Date received 8-14-51
Participation

HOODOO MINES

CLAYTON, IDAHO.

WYLIE M. GARDNER
Box 1286
Wallace, Idaho.

L. R. VANCE
Clayton, Idaho.

Name and address of applicant

Date July 23, 1951

FILL IN THIS BLOCK

Date of application June 25, 1951.

Estimated cost $ 52,720.00

Mineral or metal Zinc with Lead and Silver

Percentage of Government participation 50%

Location of mine Custer County, Idaho.

Boulder Mining District.

Date of filing MF-100

DMA Docket Number, if available 1959

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with a contract on Form MF-200, for your signature.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 14 1951

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property? Lessee
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing. Lease in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract. Form MF-202 enclosed, signed by owners.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. See supp. sheet 2.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? See supplemental sheet No. 2.

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

See supplemental sheet No. 2.

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled. See supplemental sheet No. 2.

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

See supplemental sheet No. 2.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? See sheet No. 2.

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. See sheet No. 2.

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

See supplemental sheet No. 2.

THE REQUIREMENTS AND COSTS

See supplemental sheet No. 3.

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

See supplemental sheet No. 3.

CERTIFICATION

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

HOODOO MINES
(Name of company)

By Kylie M. Sandner
(Signature of authorized official)

L. R. Vance

(Date)

Partners
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Supplemental Sheet No. 2.

8. To date there has been no financial set-up established for the property. However, $1,300.00 has been spent for road building, assaying, and miscellaneous expense in preparation for a diamond drilling program. In the event that a financial statement is required, in this case, both partners can provide one upon request.

9. Applicants are prepared to spend up to $10,000.00 on a drilling program to prove the ground. If the results of the drilling prove a commercial ore body, funds will be available to meet the applicants' share of the total exploration program.

10A. The property consists of the following unpatented mining claims: Hoodoo No. 1, Hoodoo No. 2, Hoodoo No. 3, Hoodoo No. 4, Hoodoo No. 5, Hoodoo No. 6, and Hoodoo Millsite. All are located in Boulder Mining District, Custer County, Idaho. The area is unsurveyed.

B. Same as 10A.

15. When exploration and development have proven ore of sufficient grade and quantity, a mill will be constructed at the portal of the haulage level. Concentrates may be shipped to smelters in Montana or Utah.

19. This property has attracted considerable favorable attention for years; but because of the lack of development and the rough glaciated surface of the upper claims, no one has ever attempted further development.

20. This program will be conducted to explore a large replacement deposit of zinc ore with minor amounts of lead and silver.

21. Roads are now being completed that will give access to the surface of the claims for the first time. We propose to start with a diamond drilling program that will prove the extent and grade of the ore bodies. If the results of such drilling program are favorable, a crosscut will be started that will cross the entire zone at considerable depth. This crosscut will also serve as a haulage level to a very suitable millsite. The maximum length of this crosscut would be about 2,000 feet. Estimated time for diamond drilling - 100 days. Crosscut should start by Nov. 1, 1951, and be completed by August 31, 1952.

22. This project will cover an area of replacement mineralization that appears to be very extensive. The steep dipping beds give promise of considerable depth to the ore zone. Exploration here may develop an entirely new source of zinc-lead ore.

Supplemental sheet No. 3.

23.	Diamond drilling: Max. 3000' @ $3.00/ft.		$9,000.00	
	Assays of drill sludge		1,000.00	
	Total drilling			$10,000.00
a.	Misc.surface labor 20 shifts @ $14.00			280.00
	2000' contract labor @ $8.00/ft			16,000.00
b.	Superintendent and engineer 13 mo @ 500.00/mo			6,500.00
c.	none			
d.	Construction - Tool shed - compressor room.			1,000.00
e.	Compressor	$4,000.00		
	Drilling equipment	1,000.00		
	Mucking machine	4,000.00		
	Ventilation fan - engine	1,500.00		
	Haulage motor (air)	2,000.00		
	Total equipment	12,500.00	Less 50% salvage	6,250.00
f.	None			
g.	None			
h.	2000' 2" pipe @ .56		$1,120.00	
	2000' 1" pipe @ .27		540.00	
	2000 ' vent. pipe @ $1.00		2,000.00	
	4000' rail - 12 tons @ $110.00		1,320.00	
	1000 ties @ .36		360.00	
	Explosives - 10 tons @ $425.00		4,250.00	
	Caps, fuse, etc.		600.00	
	Misc. small tools and supplies		1,000.00	
	Total materials		11,190.00	11,190.00
i.	Power (diesel fuel, oils, etc.		1,500.00	1,500.00
			Total	$ 52,720.00

24. Diamond drilling program to start by August 1, 1951, --to be completed within 100 days. Crosscut to be started by Nov.1, 1951. Estimated rate of advance -- 200 ft. per month.

Estimated cost of diamond drilling per month $ 3,000.00

Estimated cost of equipment, Oct.-Nov.	12,500.00
" " " buildings " "	1,000.00
" " " supplies " "	5,000.00
	$ 18,500.00

Estimated costs per month excluding purchase of equipment.

Labor, underground - contract.	$ 1,600.00
Supervision and engineering	500.00
Explosives, track, pipe, etc.	1,120.00
Diesel fuel - oil.	150.00
Estimated monthly costs.	$ 3,370.00

SEP 25 1951

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA

FOR USE UNDER THE

DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. _____

Date received _____

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 4 1951

HOODOO MINES
CLAYTON, IDAHO.

WYLIE M. GARDNER
Box 1286
Wallace, Idaho.

L. R. VANCE
Clayton, Idaho.

Name and address of applicant

Date July 23, 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Lead and zinc concentrates.
   (*b*) What are the byproducts, if any? Silver
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: Mine and drilling operations.
   (*a*) Linear feet of shafts. None
   (*b*) Linear feet of drifts and crosscuts. 65 feet.
   (*c*) Linear feet of tunnels or adits. None
   (*d*) Linear feet of other mine openings (explain briefly). None

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. None
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. Mackay, Idaho. 70 miles S.E.
   (*b*) Mining district. Boulder
   (*c*) Township, Section, Range. T 10 N - Sec 24 - R 15 E, Boise Meridian. (unsurveyed)
   (*d*) County, State. Custer County, Idaho.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. Not in operation.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin Sept 1, 1952
6. Experience of operators: See supplemental sheet No. 1.

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History: See supplemental sheet No. 1.
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

Supplemental Sheet No. 1.

6. The property will be managed by the applicants, Wylie M. Gardner, and L. R. Vance. Mr. Gardner has been a successful independent operator and leaser for more than 25 years. He is at present owner and manager of the Success Lease in the Coeur d' Alene mining district. This is a lead-zinc producer of considerable importance. L. R. Vance is a graduate engineer with about 25 years mining experience. This includes a number of years as an engineer, as well as underground experience, two years as shift-boss in the Star Mine at Burke, Idaho, and two years as manager of the Clayton Silver Mines at Clayton, Idaho. The Clayton Silver is about 15 miles from the Hoodoo, and is the nearest mining operation of any importance.

7. The area is covered by six claims known as the Hoodoo group, which were located in 1930. The only development work that has been done on it is one crosscut 65 feet long in a zinc bearing limestone member on the easterly margin of the shear zone, and some hand trenching across several outcrops of high-grade zinc near the westerly edge of the zone. No production has ever been made from the property.

There are no producing properties near this one, and no reports are available.

12. The area appears to be a large zone of mineralization, six to eight hundred feet wide and more than one thousand feet long. Massive limestone and quartzite beds in a near vertical position show mineralization on the surface in much of this area. A. zinc-bearing limestone member from 200 to 300 feet thick lies near the easterly edge of the zone. A crosscut has been driven about 65 feet into this limestone bed. An average of samples taken in this crosscut show 1.4 oz. silver, .4% lead, and 3.8% zinc. When sampled in 10' cuts, the zinc values were found to increase from less than 2% near the portal to 8 or 10% near the face. Near the westerly edge of the mineralized zone there are a number of outcrops of high-grade zinc. Samples taken from these outcrops show zinc values from 10% to 20% in the weathered surface material, an ounce or two in silver, and one percent or less in lead. The outcrops are from 10' to 30' in width. All surface and geological features indicate the possibility of a large tonnage of commercial ore.

ASSIGNMENT OF ONE-HALF INTEREST IN LEASE

KNOW ALL MEN BY THESE PRESENTS:

That for value received, I, Leslie R. Vance of Clayton, Idaho, do hereby sell, assign, transfer and set over unto Wylie M. Gardner, of Wallace, Idaho, a one-half interest (50%) in that certain lease and bond agreement in writing which was entered into on or about the 5th day of May, 1951 between Frank Fisher and Constant Fisher, his wife; David Fisher and Marjory Fisher, his wife; and Ralph Black and Lillian Bleck, his wife; and myself, Leslie R. Vance, together with all my rights in, to or under said written agreement, it being my interest by the execution of this agreement to place Wylie M. Gardner of Wallace, Idaho, in exact equal terms with respect to said lease and bond agreement as that now occupied by myself, Leslie R. Vance.

IN WITNESS WHEREOF, I, Leslie R. Vance have hereunto set my hand this 25 day of July, 1951, 1951.

L. R. Vance
Leslie R. Vance

State of Idaho)
)ss.
County of ~~Custer~~ Shoshone)

On this 25th day of July, 1951, before me, the undersigned, a Notary Public for the State of Idaho personally appeared Leslie R. Vance, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal of my office in , Idaho, the day and year in this certificate first above written.

H. K. Barley
Notary Public in and for the
State of Idaho, residing at
Wallace, Idaho.

No. 104031

State of Idaho
County of Custer } ss.

This instrument was filed for record at the request of Leslie G. Vance at 4 o'clock P. M. Sept 7th 1951 and duly recorded in Vol. 3 of Assignments Page Records of Custer County, Idaho

John Day
Ex Officio Recorder.

By _____ Deputy.

Fees .50

Indexed
Compared

Copy as signed and recorded - Custer County Court house - Challis, Idaho. Vol. 4 page 371

MINING LEASE AND OPTION TO PURCHASE

THIS INDENTURE, Made the _____ day of _____, 1951, between FRANK FISHER and CONSTANT FISHER, his wife, DAVID FISHER and MARJORIE FISHER, his wife, and RALPH BLACK and LILLIAN BLACK, his wife, parties of the first part and hereinafter referred to as the "Lessors", and LESLIE R. VANCE, of Wallace, County of Shoshone, State of Idaho, party of the second part and hereinafter referred to as the "Lessee".

W I T N E S S E T H:

PROPERTY

1. The Lessors, for and in consideration of the royalties hereinafter reserved, and the covenants and agreements herein expressed and by the Lessee to be kept and performed, have granted, demised and let, and by these presents do grant, demise and let, unto the Lessee the following described unpatented lode mining claims, situated in the Boulder Mining District, Custer County, Idaho, together with the tenements and appurtenances thereunto incident or belonging, and together with all extralateral rights, if any appurtenant or belonging thereto, to-wit: (All book and page references refer to the records of Custer County, Idaho).

HOODOO NO. 1	The original location notice of which is recorded in Book 11 of Lode Locations at page 353.
HOODOO NO. 2	The original location notice of which is recorded in Book 11 of Lode Locations at page 354.
HOODOO NO. 3	The original location notice of which is recorded in Book 11 of Lode Locations at page 355.
HOODOO NO. 4	The original location notice of which is recorded in Book 11 of Lode Locations at page 356.
HOODOO NO. 5	The original location notice of which is recorded in Book 11 of Lode Locations at page 357.

HOODOO NO. 6	The original location notice of which is recorded in Book 11 of Lode Locations at page 358.
HOODOO MILLSITE	The original location notice of which is recorded in Book 1 of Lode Locations at page 9.

It is intended that this lease is to also include any and all other lode mining claims, including those heretofore described, located prior to signing of this agreement, or which are located during the currency of this lease by the first parties or their agents, if said claims are adjacent or contiguous to, conflict with, overlap, apex on [redacted] the present vein structure of the claims described above.

TERM

2. TO HAVE AND TO HOLD Unto the said Lessee for a term of eight (8) years, beginning the 5th day of May, 1951, and expiring at noon on the 30th day of June, 1959, unless sooner terminated or forfeited as hereinafter provided.

ROYALTY

3. The Lessee agrees to pay to the Lessors a royalty of ten (10%) percent upon the net smelter returns of all ores and concentrates recovered from said demised property, and ten (10%) percent of any and all premium payments received from any agency of the United States Government under any premium plans devised or adopted during the currency of this lease for sale of ores and concentrates.

The term "net smelter returns", as herein used, shall be construed to be the net amount paid by the smelter after deduction of treatment and smelter charges, penalties, weighing, sampling, switching, trucking and freight charges, and other deductions customarily made by the smelter.

PAYMENT OF ROYALTIES

4. All ore shall be shipped to the smelter in the name of the Lessee and the smelter shall make payment therefor directly to the Lessors and the Lessee as their interest appears. The smelter shall transmit to the Lessors and the Lessee copies of the smelter settlement sheets upon which such royalty payment is computed. The parties

shall cause a copy of this lease to be furnished the smelter for its information.

TIMBER

5. The Lessee agrees to well and sufficiently timber any operations wherever necessary in accordance with good mining practice. The Lessee may cut and use for timbering on said operations any suitable timber standing or growing upon the demised premises. In cutting such timber all brush and lashings shall be piled and burned in accordance with the laws of the State of Idaho and requirements of the United States Forestry Service.

INSPECTION

6. The Lessee agrees to permit the Lessors and their authorized agents from time to time to enter upon and into the demised premises for the purpose of inspecting the operations conducted by Lessee on the demised property. Provided, however, that such inspections shall be made at reasonable times and so as not to interfere with the Lessee's operations in the property.

PAYMENT OF LABOR AND MATERIAL

7. The Lessee agrees to promptly pay for all labor performed and materials and supplies used in the prosecution of the Lessee's mining operations and not to suffer or permit any liens, encumbrances or attachments of any kind to accrue against said mining property.

NOTICE TO LABORERS AND MATERIAL MEN

8. The Lessee agrees to notify all persons employed by the Lessee, and all persons furnishing materials and supplies for use in the Lessee's operations, that the Lessee is solely liable therefor, and that neither the Lessors nor the demised premises are in any manner liable therefor, and to post and keep posted at all times during the existence of this lease, in some conspicuous place or places upon said premises, notice to the above effect.

Before commencing work hereunto to make, record and publish the statement under oath, required by Chapter 5, Title Forty Four Idaho Code.

TAXES

~~9. The Lessors shall be liable for, and shall pay promptly when due, that portion of State, County and School District Property Taxes (not based upon net profits) annually levied upon said mining premises, and the surface improvements thereon, or subsequently placed thereon, during the currency of this lease.~~

NET PROFIT TAX

With respect to that portion of the annual State, County and School District Property Taxes, based upon net profits as provided by Chapter 28, Title 63 Idaho Code, and amendments thereto, the Lessors shall be liable for, and shall pay when due, the portion thereof attributable to and computed upon royalties received by it during the previous calendar year and the Lessee shall be liable for and pay the portion thereof attributable to, or computed upon, his net profits, if any, for the previous calendar year after deducting as an operating cost the royalties paid to the Lessors.

MINES LICENSE TAX

With respect to the Mines License Tax, provided by Chapter 12, Title 47 Idaho Code, as amended, the Lessors shall be liable for, and shall pay when due, the portion thereof attributable to and computed upon any royalties it may have received during the previous calendar year, and the Lessee shall be liable for, and shall pay, the portion thereof attributable to and computed upon his net profits, if any, for the previous calendar year after deducting as an operating cost the royalties paid to the Lessors.

SOCIAL SECURITY TAXES

10. The Lessee shall be liable for and shall pay all old age benefits and unemployment compensation charges attributable to his operations hereunder, together with any and all other social security taxes, charges or impositions, which may now or hereafter be imposed upon or be attributable to his operations hereunder.

WORKMEN'S COMPENSATION

11. The Lessee shall provide adequate workmen's compensation insurance for the protection of all persons employed by him in the

prosecution of his operations under this lease and shall at all times, and in all respects, fully comply with the Workmen's Compensation Laws of the State of Idaho.

REMOVAL OF MACHINERY

12. Upon the expiration of the term of this lease, or the sooner forfeiture or termination thereof, for any reason, the Lessee may remove from said demised premises all mining and milling machinery and equipment which he may have placed therein or thereon provided he shall not then be indebted to the Lessors in any sums whatsoever.

ANNUAL ASSESSMENT WORK

13. The Lessee agrees to perform the annual assessment work upon the unpatented mining claims covered by this lease and to record, or cause to be recorded, proof of the performance thereof within the time provided by law. The Lessee shall have the right to designate the place and manner in which said assessment work shall be performed, provided always that the work shall be sufficient in character and extent to meet the requirements of the statute with respect to the performance of annual assessment work on unpatented mining claims.

In the event the requirement for the performance of the annual assessment work is suspended for any one year, the Lessee agrees to file the proper Intentions to Hold and/or proof of the performance of annual assessment work.

MINIMUM WORK

14. The Lessee agrees that beginning with the fiscal year July 1st, 1951 to expend not less than the sum of THREE THOUSAND and no/100 ($3,000.00) DOLLARS per year on the development of said property. For this purpose it is agreed that any expenditure that tends to enhance the value of said property is to be included in this minimum requirement. In this regard the Lessee agrees that the Lessors can examine at the Lessee's office invoices and such other

records as Lessee may maintain for purpose of confirming the expenditures of these sums for work and material.

Any expenditures for material and equipment made prior to July 1st, 1951 can be credited on the minimum requirements for year beginning July 1st, 1951.

For the purpose of this provision a "year" begins 1:00 A.M. July 1st and ends 11:59 P.M. June 30th.

DEFAULT

15. If the Lessee shall default in the performance of any of the terms of this lease, the Lessors may give the Lessee notice in writing, specifying the particulars of such default, and the Lessee shall have sixty (60) days from the receipt of such notice within which to correct the default complained of, or to establish the fact that he is not in fact in default. If the Lessee shall elect not to correct such default, then he shall have sixty (60) days from the receipt of said notice in which to remove from said demised premises the property removable by him as above provided and within which to surrender said premises to the Lessors and this lease shall thereupon terminate.

CORRECTION OF DEFAULT

If the Lessee shall elect to correct such default and shall notify the Lessors of his intention to do so, he shall have sixty (60) days from the notice of the default aforesaid within which to correct such default and the correction of such default will restore this lease to good standing.

DETERMINATION OF DEFAULT BY ARBITRATION

16. If the Lessors shall serve notice of default upon the Lessee as aforesaid and the Lessee shall contend he is not in default as alleged, then the parties agree to arbitrate the question of the Lessee's default as alleged in such notice. Immediately upon

receipt of the notice of default the Lessee, if he denies the alleged default, shall appoint an arbitrator and notify the Lessors by the most rapid available means of communication. The Lessors shall thereupon designate an arbitrator and likewise notify the Lessee. The two arbitrators shall forthwith appoint a third arbitrator and forthwith proceed to arbitrate the controversy so as to render their decision within ten days from the receipt of such notice of default. Neither party shall resort to Court action with respect to such default, or the effect thereof, until the same has been first submitted to arbitration as herein provided. Each party shall pay the cost and expense of the arbitrator selected by him or them and the costs and expense of the third arbitrator shall be borne equally by the parties hereto.

FORFEITURE

17. If the Lessee shall default in the performance of any of the terms of this agreement and shall fail to correct the same within sixty (60) days after the receipt of notice to correct the default, or within sixty (60) days after an adverse decision of the arbitrators as above provided, the Lessors may, at their option, terminate this contract and the Lessee shall thereupon forthwith surrender said demised premises to the Lessors.

SUCCESSORS AND ASSIGNS

18. Each and every clause and covenant of this agreement shall extend to, and be binding upon, and shall inure to the benefit of the successors and assigns of the Lessors, and to the heirs, executors, administrators and assigns of the Lessee. It is specifically agreed that the Lessee may assign all or any part of this agreement.

FORCE MAJEURE

19. It is agreed that neither party hereto shall be held responsible for damages caused by delay or failure to perform herein when such delay or failure is due to fires, strikes, acts of God, mine accidents, inability to obtain equipment or other delays beyond the control of the parties hereto.

RELATION-SHIP LESSOR-LESSEE

20. It is expressly understood and agreed that the Lessors do not by this lease, or any provision hereunder, retain any control or direction over the operations of the Lessee other than to require that the same be performed in a good and miner-like manner and with due regard to the development and preservation of said demised premises as a workable mine. It is the intention of the parties hereto to create the relationship of Lessors and Lessee and that the Lessee is not, and shall not be, construed to be the agent of the Lessors and shall have no power, right or authority to act for, bind, or represent the Lessors in any particular whatsoever.

OPTION TO PURCHASE

In consideration of the second party, Leslie R. Vance, entering into the foregoing lease, the first parties do hereby give and grant unto the said Leslie R. Vance, his heirs and assigns, an exclusive option to purchase all of the above described mining claims and millsite including other claims located by the first parties as hereinbefore provided for a period of eight (8) years from the date hereof for the consideration of SEVENTY-FIVE THOUSAND and no/100 ($75,000.00) DOLLARS, payable as follows:

Beginning with July 1st, 1951 through and including June 30th, 1954, no payments are required in excess of royalty payments hereinbefore provided. Should there be no royalty payments, then it is understood that the Lessee is not obligated to make any payments of any kind or character. It is further understood that nothing herein shall be construed as preventing the second party from paying more than the royalty payments as hereinbefore provided.

Beginning with July 1st, 1954, the second party is required to make annual payments of not less than one-fifth (1/5th) of the unpaid balance as of July 1st, 1954. The second party shall receive credit on these payments for any royalties received after July 1st, 1951. In the event that the royalty payments for one year exceed one-fifth of the unpaid balance as the same existed on July 1st, 1954, then the excess royalty payments can be credited against the payment becoming due the following year or years.

Nothing herein shall be construed as preventing the second party from paying in excess of the required one-fifth (1/5th) of the unpaid balance during any one year.

Provided, however, that if said purchase price of Seventy-five Thousand Dollars is not fully paid within eight (8) years from the date hereof, then said option is terminated and any and all payments made hereunder by the second party are forfeited as liquidated damages.

If the foregoing lease shall be terminated or forfeited for any reason prior to the expiration of the term thereof, such termination or forfeiture shall automatically terminate or forfeit this option.

IN WITNESS WHEREOF, The parties hereto have hereunto set their hands the day and year first above written.

_____

_____

_____

_____

_____

_____ Lessors.

_____ Lessee.

STATE OF IDAHO)
) ss
County of Custer)

On this _____ day of _____, 1951, before me, the undersigned, a Notary Public for the State of Idaho, personally appeared FRANK FISHER and _____ FISHER, his wife, DAVID FISHER and _____ FISHER, his wife, and RALPH BLACK and _____, his wife, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal the day and year in this certificate first above written.

_____
Notary Public in and for the State of Idaho, residing at Clayton, Idaho.

U. S. Government Messenger Envelope

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1. Use blocks consecutively, one at a time
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3. Write clearly.

NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM		NAME OR TITLE OF PERSON, DEPARTMENT, ADDRESS, AND ROOM	
	RUN	Mr. W. J. Millar, Executive Officer	RUN
	STOP	Bureau of Mines, Eastern Experiment Station, College Park, Md.	STOP
	RUN	Mr. George C. Selfridge	RUN
	STOP	Room 4624 - Interior	STOP
	RUN	DMEA - 1959	RUN
	STOP	Read June	STOP
	RUN		RUN
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Mr. A. J. Walsh	RUN		RUN
7132 - 7th St. S.W.	STOP		STOP
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Mrs. Gutierla	RUN		RUN
7221 - 15th	STOP		STOP

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OFFICIAL BUSINESS

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DENVER 2, COLORADO

Defense Minerals Exploration Adm.
U. S. Department of the Interior
Interior Building
Washington 25, D. C.

500

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

PROJECT SUMMARY REPORT

January 17, 1956

By: W. R. Griswold

1. Docket No. DMEA-1959 (Zinc-Lead)
   Contract No. dm-E223
   Hoodoo Mine
   Custer County, Idaho

   Operator: Wylie M. Gardner & L. R. Vance
   P. O. Box 1286
   Wallace, Idaho

   Operator's Property Rights: Lease dated May 5, 1951
   Owner's Consent to Lien dated March 21, 1953

2. Contract dated: Original contract dated January 24, 1952
   Amended contract dated June 3, 1953

Work Authorized: (Original Contract)

3,000 ft. diamond drilling @ $4.50/ft.	$13,500.00
Assaying and engineering	500.00
Total	$14,000.00
Government share, 50%	$ 7,000.00

Work Completed: (Original Contract)

1631.7 ft. of diamond drilling	
Total net cost (after property settlement)	$ 7,736.12 (or $4.74/ft.)
Government share, 50%	$ 3,868.06

Work Authorized: (Amended Contract)

850 ft. drifting & Crosscutting @ $35.00/ft.	$29,750.00
Equipment purchases cars, rock drills, vent. fan and chain saw	3,500.00
Road improvement	3,000.00
Assaying	300.00
Total	$36,550.00
Government share, 50%	$18,275.00

Work Completed: (Amended Contract)

None, as contract was mutually terminated April 27, 1954.

No expenditures.

3. Audit Certificate: June 7, 1954

Operator's final report: May 15, 1954

Field Team final report: July 1955

Amendments:

No. 1 to Original Contract, dated March 24, 1952:-

Extends starting date and completion time.

No. 2 to Original Contract, dated July 30, 1952:-

Allows $20.00 per month depreciation for jeep furnished by Operator.

Also allows $450.00 cost for cleaning roads and preparing drill sites.

4. Certification of Discovery: May 14, 1953

Ore Estimate:

103,700 tons, grade 9.7% zinc.

Field also reported 43,800 tons of low grade material, 1.5% zinc.

5. Comments:

Work performance was affected by the steep terrain and the short operating season.

The partners are competent small mine operators with considerable administrative skill and modest capital reserves. They were generally cooperative, although they could have evaluated their work better had they taken more assays of the drill core and the sludge.

Project work was successful in exploring a strong replacement deposit of sphalerite in limestone to a depth of 400 feet below the highest point of outcrop along a strike length of 400 feet. This deposit definitely warrants further exploration, which can be done most

logically by the work proposed in the Amended Contract. Such exploration merits Government participation in project costs. If this proposed drifting proves successful and if downward drilling from this level is also successful, a lower haulage adit would be justified. This haulage adit should portal in Hoodoo Creek canyon near the 7,100 foot contour. Such an adit not only could develop more than 1,000 feet of "backs" but would also do away with the expensive procedure of keeping the road open to the upper workings during winter months.

The project should be considered an important DMEA discovery because exploration has exposed an appreciable tonnage of zinc ore and has partially tested a deposit that gives promise of containing large reserves of zinc. There is little doubt that the deposit will become a substantial producer of zinc at some future date.

W. R. Griswold

W. R. GRISWOLD

WRGriswold/bjl

Copy to: Docket
Base Metals
Chron.

☑ Audited

☑ Certified

Name Wylie M. Gardner and L. R. Vance (Hoodoo Mines)

State Idaho

WORK ANALYSIS SHEET - DMEA PROJECT

Analysis as of 12/9/54
Incl. Voucher for April - 53

Commodity Zinc - Lead

☑ Actual Cost

☑ Agreed Unit Costs

Docket No. 1959

Idm-E No. 223

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting Unit	250 850	29,750.00	0	00	00
Raising (WMG)					
Shafts					
Winzes					
Drilling (Specify) Diamond Actual	1,631.7	9,720.00	1,631.7	7736 ~~7,691.92~~	7,736.12
Surface Excavation					
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased		3,500.00		00	
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.		3,000.00		00	
Other (Specify) Assaying		300.00		44.20	44.20
Totals		46,270.00		7,736.12	7,736.12

Prepared by FEJ

71626

119 T

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane, Washington 99204
October 24, 1963

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Royalty reports

During a visit to the Clayton Mine on October 15, 1963, R. J. Legard, General Superintendent, supplied the following information:

* Amended Contract Idm-E266, DMEA-1894, Buchman, Breckon and Nordon (Red Bird Mine) - This mine has been bought by The Bunker Hill Company who has done nothing more than assessment work.

Contract Idm-E294, DMEA-2213, Elmer Enderlin (Meadow View Mine) - This mine has had no production during the past year. All work has been limited to assessment work. No shipments of ore have been made.

** Contract Idm-E223, DMEA-1959, Gardner & Vance (Hecdco Mine) - This mine has been either leased or bought by Cal Ida Company who has been doing some exploration work but has made no shipments.

Amended Contract Idm-E573, DMEA-3015, Hecla Mining Company, Assignee (Livingston Mine) - This mine has had no production in the past year. The present owners have been doing some trenching.

D. R. MacLaren

D. R. MacLaren

Distribution:
OME(4)
Dockets DMEA-1894
-2213
-1959
-3015

*Certification expired 2/28/63
**Certification expired 1/24/62

MME Form 7
(2/63)

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		220

FEB 2 3 1969

Mr. T. L. Bangart

Roberts, Montana 59070

Re: DMEA-1959 (Lead and Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

Dear Mr. Bangart:

Thank you for your check in the amount of $5.00 to cover the cost of duplicating and mailing available information obtained from the Operator under the subject contract.

In accordance with your request, we are enclosing copies of the following:

Logs of 8 diamond drill holes.

Memorandum of May 20, 1955, concerning assays for 6 holes.

Geologic map showing location of 8 diamond drill holes and assay data.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File
OME Region I

FEJohnson/gla 2-19-69

OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY

TO: Budget and Finance

FROM: Office of Minerals Exploration

- ABSTRACT OF REMITTANCES -

Date	Amount	Bank, City and State	Name of Remitter	Docket & Contract Numbers	Purpose
1/6/69	$5.00	1st Security Bank, Red Lodge, Montana	T. L. Bangart	DMEA 1959 E-223	Duplicating

REMARKS: (List smelter or mill lot numbers covered by royalties)

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O. M. E.
RECEIVED
JAN 9 1969

INITIALS	CODE
	110

1/9/69
Date Prepared

C. Curtis
Person Preparing Abstract

Date Received

Person Receiving Remittance

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

DEC 30 1968

Mr. Thomas Bangart

Roberts, Montana 59070

Re: DMEA-1959 (Lead and Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

Dear Mr. Bangart:

We have your letter of December 26, 1968, and enclosed letter to you dated November 21, 1968, from Mr. Frank Fisher, concerning information under the subject contract.

The only information obtained from the Operator available for release is that listed in our letter to you of October 22, 1968, copy enclosed. Upon receipt of your check or money order in the amount of $5.00 payable to the U. S. Geological Survey, we will forward copies of this material to you.

Sincerely yours,

Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosure

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

OCT 22 1968

Mr. Thomas L. Bangart
Bangart Charolais Ranch
Route 1
Roberts, Montana 59070

Re: DMEA-1959 (Lead and Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

Dear Mr. Bangart:

This is in reply to your letter of October 15, 1968, requesting the DMEA file and report on the subject contract, and U. S. Geological Survey Bulletin No. 877, "Geology and Ore Deposits of Bay Horse Region, Custer County, Idaho."

Only factual information obtained from the Operator under the contract is available. These data consist of the following:

Logs of 8 diamond drill holes.
Memorandum of May 20, 1955, concerning assays for 6 holes.
Geologic map showing the locations of 8 diamond drill holes and assay data.

Copies of the available data may be furnished upon receipt of written authorization from the owner of the property to release such information to you and check or U. S. Money Order in the amount of $5.00, payable to the U. S. Geological Survey, to cover the cost of reproduction and mailing.

U. S. Geological Survey Bulletin 877, by C. P. Ross, is out of print, but copies are available for reference in the libraries of the most large cities, universities, and colleges.

Sincerely yours,

/s/ Frank E. Johnson

Frank E. Johnson
Chief, Office of
Minerals Exploration

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(2/63)

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Date	Surname	Code
12/30/68		110
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DEC 3 1 1968

Mr. Thomas Bangart

Roberts, Montana 59070

Re: DMEA-1959 (Lead and Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

Dear Mr. Bangart:

We have your letter of December 26, 1968, and enclosed letter to you dated November 21, 1968, from Mr. Frank Fisher, concerning information under the subject contract.

The only information obtained from the Operator available for release is that listed in our letter to you of October 22, 1968, copy enclosed. Upon receipt of your check or money order in the amount of $5.00 payable to the U. S. Geological Survey, we will forward copies of this material to you.

Sincerely yours,

FRANK E. JOHNSON (gla)

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosure

cc: Director's Reading File
Economic Geology File
OME docket
OME Reading File

FEJohnson/gla 12-30-68

Thomas Bangart
Roberts, Montana 59070

December 26, 1968

United States Department of Interior
Office of Minerals Exploration
Geological Survey
Washington, D.D. 20242

Dear sirs,

Please send me the information that is listed in the enclosed letter.

I do not know the cost of this, so would yourplease bill me for it.

Sincerely,

Thomas Bangart

TLB:sj

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Frank Fisher
Clayton, Idaho 83227

November 21, 1968

United States Department of Interior
Office of Minerals Exploration
Geological Survey
Washington, D.C. 20242

Dear Mr. Johnson::

We have leased the Hoodoo mine to Mr. Tom Bangart and his associates and they would like the information you have on this.

Would you please send them the information you have on file under::

IMEA 1959 (Lead and Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

Sincerely,

Frank Fisher

Frank Fisher

FF/bf

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(2/63)

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		220
		110

OCT 22 1968

Mr. Thomas L. Bangart
Bangart Charolais Ranch
Route 1
Roberts, Montana 59070

Re: DMEA-1959 (Lead and Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

Dear Mr. Bangart:

This is in reply to your letter of October 15, 1968, requesting the DMEA file and report on the subject contract, and U. S. Geological Survey Bulletin No. 877, "Geology and Ore Deposits of Bay Horse Region, Custer County, Idaho."

Only factual information obtained from the Operator under the contract is available. These data consist of the following:

Logs of 8 diamond drill holes.
Memorandum of May 20, 1955, concerning assays for 6 holes.
Geologic map showing the locations of 8 diamond drill holes and assay data.

Copies of the available data may be furnished upon receipt of written authorization from the owner of the property to release such information to you and check or U. S. Money Order in the amount of $5.00, payable to the U. S. Geological Survey, to cover the cost of reproduction and mailing.

U. S. Geological Survey Bulletin 877, by C. P. Ross, is out of print, but copies are available for reference in the libraries of most large cities, universities, and colleges.

Sincerely yours,

FRANK E. JOHNSON (gla)

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Economic Geology File
OME File
OME Reading File

FEJohnson/gla 10-22-68

TELEPHONE
446-1088

T. L. BANGART
CHAROLAIS CATTLE

Home of Fuyard 1st

THE WORLD'S LARGEST AND
FASTEST GROWING BEEF BREED

3 MILES NORTHEAST
OF ROBERTS ON U.S. 212

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OCT 18 1968
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file ordered C.C.

MAILING ADDRESS
ROUTE 1
ROBERTS, MONTANA

October 15, 1968

Office of Mineral Exploration
Gelogical Survey
Department of the Interior
Washington, D. C. 20242

Dear sirs:

I would like the D M E A file and report on the contract IDM E223, 1959 Gardiner and Vance work on the Hoodoo Mine and also bulletin # 877 entitled Geology and Ore Deposits of Bay Horse Region, Custer County, Idaho, by E.P. Ross

Sincerely,

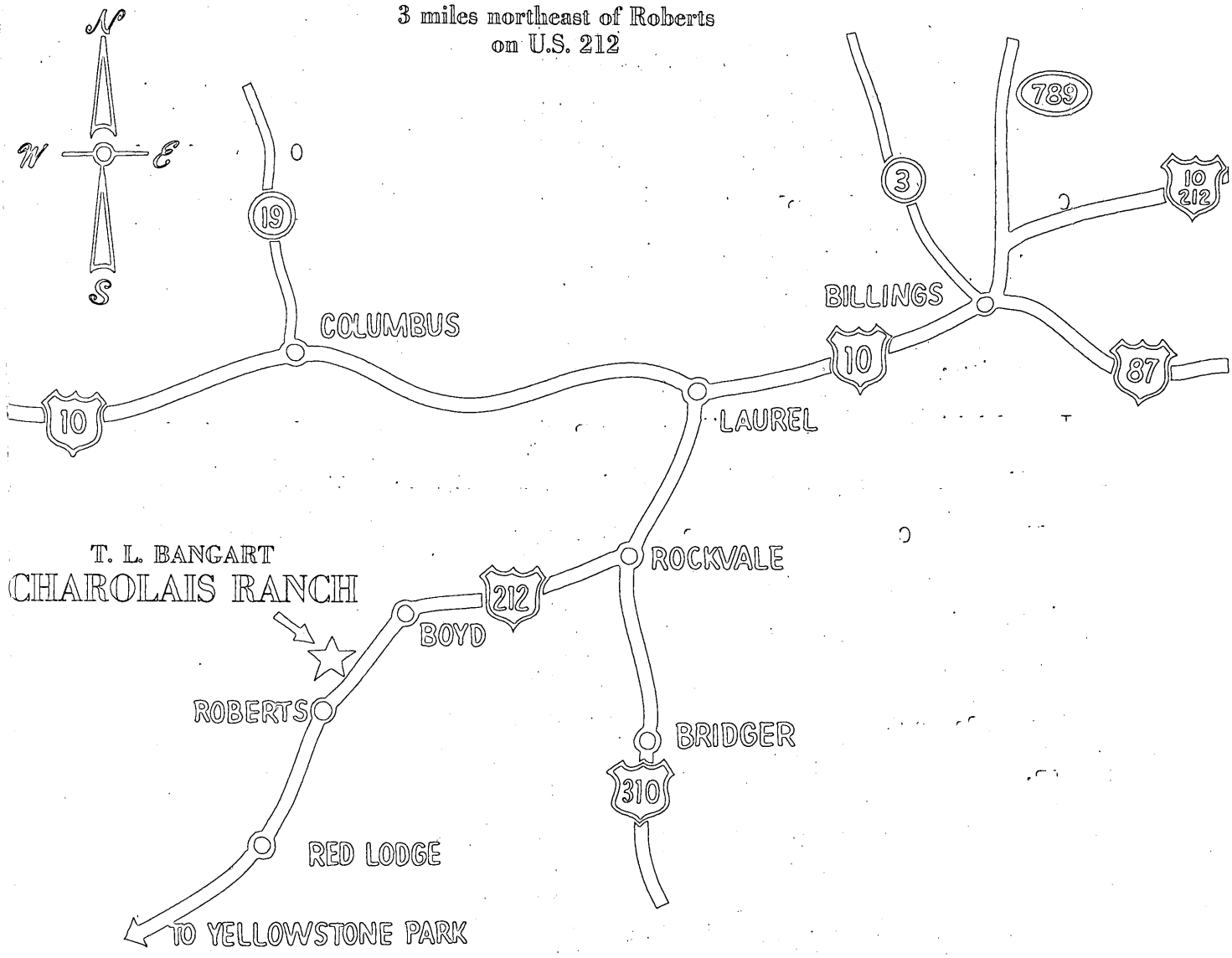
T. L. Bangart

Thomas Bangart

TLB:sj

BREEDING STOCK ALWAYS AVAILABLE

3 miles northeast of Roberts
on U.S. 212



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(2/63)

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Date	Surname	Code
12/19		110
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DEC 19 1967

Mr. Elmer E. Gray
404 North Second, West
Salt Lake City, Utah 84103

Re: DMEA-1959 (Lead-Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-8223

Dear Mr. Gray:

Your letter of December 8, 1967, to the U. S. Geological Survey, Spokane, Washington, requesting information on the Hoodoo Mine in Custer County, Idaho, has been referred to this office.

The Government granted an exploration contract on the Hoodoo Mine in January 1952. The estimated cost of the proposed work was $46,270.00, of which the Government's share was $23,135.00; but only a part of the authorized work was completed under the contract.

Information obtained under an exploration contract is considered company confidential and is not made available to the general public. In this case, however, factual data was recently furnished to Mr. David M. Fisher, Clayton, Idaho, one of the owners of the property. Upon written authority from Mr. Fisher we can release to you factual data on the property. A nominal fee to cover the cost of reproduction and mailing is charged.

The geology of the Boulder Creek Mining District has been described by C. F. Rose in U. S. Geological Survey Bulletin No. 877, "Geology and Ore Deposits of the Bayhorse region, Custer County, Idaho." This publication is out of print but is available in the libraries of most large cities, universities, and colleges.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's reading file
Division file
Economic Geology file
OME file
OME reading file
OME Region I w/cy enc. ltr.
FEJohnson/bih 12/19/67

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GEOLOGICAL SURVEY
U. S. Court House, Rm. 656
W. 920 Riverside Avenue
Spokane, Washington 99201
December 11, 1967

Mr. Elmer E. Gray
404 North Second West
Salt Lake City, Utah 84103

Re: DMEA-1959 (Lead-Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

Dear Mr. Gray:

Your letter of December 8, 1967, in which you request information relative to the Hoodoo Mine is being forwarded to our Washington, D. C. office for reply.

Sincerely yours,

D. R. MacLaren
Field Officer, Region I
OME

DRMacLaren/mls

cc: OME w/original

Director's Reading File

December 8, 1967

U. S. Geological Survey Office
Spokane, Washington

Gentlemen:

I am desirous of obtaining information on the Boulder Mining District, Custer County, State of Idaho.

The property in this district is called the Hoodoo Mine and is located in Section 24, Township 10 North, Range 15 East.

I understand that there was a DMEA loan of $46,270.00 granted, but only a portion ($9,720.00) used. Then again, a $500,000.00 loan requested of DMEA which was okayed but never used.

Any geological information that you have on the Hoodoo Mine or the Boulder Mining District that could be forwarded, will be appreciated.

Yours very truly,

Elmer E. Gray

Elmer E. Gray
404 North Second West
Salt Lake City, Utah 84103

EEG:lt

DEC 11 1967

MME Form 7
(2/63)

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Date	Surname	Code
		110
		220

Mr. J. F. Weeks
Chief Geologist
Bralorne Pioneer Mines Limited
320-355 Burrard Street
Vancouver 1, B. C.
CANADA

AUG 10 1966

Re: DMEA-1959 (Lead-Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mines
Custer County, Idaho
Amended Contract Idm-E223

Dear Mr. Weeks:

This will acknowledge receipt of your letter of August 3, 1966, enclosing Check No. U523-0773V of Bralorne Pioneer Mines, dated August 4, 1966, drawn on the Bank of Montreal, Vancouver, B. C., Canada, in the amount of $5.00 payable to the United States Department of the Interior.

In accordance with our letter to you of July 27, 1966, copies of the following material relating to the subject contract are enclosed:

Logs of 8 diamond drill holes.
Geologic map showing the locations of 8 diamond drill holes and assay data.

Also enclosed is a copy of a memorandum dated May 20, 1955, concerning assays for 6 holes (Holes 3 and 4 were not drilled under the DMEA contract).

cc: Director's reading file
Division file
Economic Geology file
OME files
OME reading file
OME Region I w/cy inc. ltr.
FEJohnson/bih 8/19/66

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to: Mr. David M. Fisher
c/o Mrs. Ralph M. Black
Clayton, Idaho

Enclosures

23263

BRALORNE PIONEER MINES LIMITED

320 - 355 BURRARD STREET

VANCOUVER 1, B.C.

OFFICIAL COPY
O. M. E.
RECEIVED
AUG 9 1966
INITIALS | CODE
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August 3rd, 1966.

Mr. Frank E. Johnson,
Chief, Office of Minerals Exploration,
United States Dept. of the Interior,
WASHINGTON 25, D.C., U.S.A.

Dear Mr. Johnson:

Re: DMEA-1959 (Lead-Zinc)
Wylie M. Gardner & L.R. Vance
Hoodoo Mines, Custer County,
Idaho. Amended Contract No.
Idm-E223.

I thank you for your letter of July 27th and enclose a money order for $5.00 and should be grateful if you would send me a copy of all available information on the above property.

Yours very truly,
BRALORNE PIONEER MINES LIMITED

J.P. Weeks,
Chief Geologist.

8/10/66

JPW:md
Encl.

E Form 7
/63)

OFFICIAL FILE COPY

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		220

Mr. J. F. Weeks
Chief Geologist
Bralorne Pioneer Mines Limited
320-355 Burrard Street
Vancouver 1, B. C.
CANADA

JUL 27 1966

Re: DMEA-1959 (Lead-Zinc)
Wylie M. Gardner & L. R. Vance
Hoodoo Mines
Custer County, Idaho
Amended Contract No. Idm-H223

Dear Mr. Weeks:

This is in reply to your letter of July 20, 1966, requesting copies of reports and plans obtained under the subject contract.

Reports relative to the minerals exploration program made by Government geologists or engineers are for Government use only and are not made available to others. Information obtained from an applicant or operator under the program cannot be released to others without the written consent of such applicant or operator. However, where an operator has abandoned all interest in leased property, available factual information may be released to the owners of the property or to others upon written authorization from the owners.

In this case, our files indicate that the operator under the contract no longer has an interest in the property and copies of correspondence sent to Mr. D. R. MacLaren, Field Officer, OME Region I, Spokane, Washington, (copies enclosed) indicate that available information on the property may be released to you.

The available factual information consists of the following:

Logs of 8 diamond drill holes.
Geologic map showing the locations of 8 diamond drill holes and assay data.

23263

Copies of the foregoing will be sent to you upon receipt of check or Money Order in the amount of five dollars to cover the cost of reproduction and mailing.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's reading file
Division file
Economic Geology file
OME file
OME reading file
OME Region I

FEJohnson/bih 7/25/66

BRALORNE PIONEER MINES LIMITED

320 - 355 BURRARD STREET

VANCOUVER 1, B.C.

July 20th, 1966.

OFFICIAL COPY
O. M. E.
RECEIVED
JUL 22 1966
INITIALS DATE
110

Mr. F.E. Johnson,
Chief, Office of Mineral Exploration,
Geological Survey,
WASHINGTON, D.C. 20242, U.S.A.

1959

Dear Sir:

We have recently become interested in the Hoodoo property in the Boulder Creek Mining District, Custer County, Idaho in Sec. 24, T. 10N., R. 15 E.B.M., near Clayton, Idaho.

We are informed that a D.M.E.A. loan was obtained in January 1952 and that reports were written for the authorities on the prospect at that time. I have been in touch with your office in Spokane and they inform me that I can obtain copies of the report and plans from you.

I should be obliged if you would mail this material to me at your earliest convenience and enclose a copy of a letter from the lessor giving his permission for me to see this information.

Yours very truly,

BRALORNE PIONEER MINES LIMITED

J.P. Weeks,
Chief Geologist.

JPW:md.

one

OFFICIAL
COPY

Idaho

110

Mr. D. P. McClaren
United States Department of the
Office of Mineral Exploration
S 157 Howard Street
Spokane, Washington 99204

Dear Mr. McClaren:

The purpose of this letter is to [illegible] to release information on the Sodco property [illegible] upon his request or to others upon Mr. [illegible] request.

Very tr[illegible]

Dave Fisher

/s/ Dave Fisher

DF:jbe
cc: Joe Bassick

Re: DMA-1959X (Lead-Zinc)
Gardner and Wagge
Spokane Mine
Custer County, Idaho
Amended Contract Ide[illegible]

One

JOE BASSI[illegible]

[illegible] Redway Road

Boise, Idaho

[illegible] 10, 1976

Mr. D. R. McClaren
United States Department of the Interior
Office of Minerals Exploration
S 157 Howard Street
Spokane, Washington 99204

Dear Mr. McClaren:

I just received a letter from J. Peter Weeks, Geologist from Canada, stating he was in your office asking information and maps on the Hoodoo property in Custer County, Idaho. He said that lacking permission from owners or lessors, he was unable to get this information.

This is to authorize you on my behalf as lessor of the Hoodoo property to release such information to Mr. Weeks. You may also expect confirmation from Mr. Dave Fisher.

Our mutual friend, Senator Joe Austin is in town. He sends his regards. He also said he would drop in on you should he be campaigning in the northern part of the State.

Very truly yours,

/s/ Joe Bassick

Joe Bassick

Re: DMA-1959X (Lead-Zinc)
Gardner and Vogge
Hoodoo Mine
Custer County, Idaho
Amended Contract Map

JB:w
cc: J. Peter Weeks

C
O
P
Y

Clayton, Idaho
July 11, 1966

Mr. D. R. McClaren
United States Department of the Interior
Office of Menerals Exploration
S 157 Howard Street
Spokane, Washington 99204

Dear Mr. McClaren:

The purpose of this letter is to authorize you to release information on the Hoodoo property to Joe Bassick upon his request or to others upon Mr. Bassick's authority.

Very truly yours,

Dave Fisher

(signed) Dave Fisher

DF:jbe
cc: Joe Bassick

Re: DMA-1959X (lead-Zinc)
Gardner and Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

C
O
P
Y

JOE BASSICK
2608 Redway Road
Boise, Idaho

Mr. D. R. McClaren
United States Department of the Interior
Office of Minerals Exploration
S 157 Howard Stree
Spokane, Washington 99204

Dear Mr. McClaren:

I just received a letter from J. Peter Weeks, Geologist from Canada, stating he was in your office asking information and maps on the Hoodoo property in Custer County, Idaho. He said that lacking permission from owners or lessors, he was unable to get this information.

This is to authorize you on my behalf as Lessor of the Hoodoo property to release such information to Mr. Weeks. You may also expect confirmation from Mr. Dave Fisher.

Our mutual friend, Senator Joe Ausich is in town. He sends his regards. He also said he would drop in on you should he be campaigning in the northern part of the State.

Very truly yours,

(signed) Joe Bassick

Joe Bassick

Re: DMA-1959X (Lead-Zinc)
Gardner and Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

JB:w
cc: J. Peter Weeks

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
8/20	Grimm	500
8/20	Talbert	800
	On leave	120
8.20	on leave	110
8-21	[illegible]	100
		220

Mr. Ralph M. Black and
Mrs. Lillian Black,
Mr. Frank L. Fisher and
Mrs. Constance M. Fisher
Mr. David A. Fisher and
Mrs. Marjorie D. Fisher
c/o Mr. Ralph M. Black
Clayton, Idaho

AUG 2 0 1962

Re: DMA-1959X (Lead-Zinc)
Gardner and Vance
Hoodo Mine
Custer County, Idaho
Amended Contract Idm-E223

Dear Sirs and Mesdames:

By the terms of the subject Exploration Project Contract and the certification of discovery or development, dated May 14, 1953, all minerals mined or produced from January 24, 1952, to January 24, 1962, were subject to the Government's percentage royalty as set forth in said contract.

As the period during which production subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract.

This relates to the Landlord's Subordination Agreement and the Owner's Consent to Lien, signed by you on July 19, 1951, and March 21, 1953, respectively, under the Defense Minerals Administration and Defense Minerals Exploration Administration programs which have been succeeded by the Office of Minerals Exploration program.

Sincerely yours,

George Fumich, Jr.

Director

GLAult/a
8-20-62
cc to: Director's Reading File
Region I (2) w/1 cy MME Form 63 completed by R.M.Black 6/14/62
Contract Division
Docket
Code 500

43683

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

JUN 8 1962

Re: DMEA-1958 (Lead-Zinc)
Gardner and Vance
Hoodoo Mines
Custer County, Idaho
Amended Contract Idm-E223

JUN 22 1962

		CODE
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Mr. Ralph M. Black

Clayton, Idaho

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

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

Sincerely yours,

W. R. Griswold, Chief
Division of Minerals

Dear Sir
I am in the Hospital and have no details here Bunker Hill has a Lease on the Hoodoo may 1/1961. they drilled last year on the property There has been no ore shiped from the Property you can get anything you want from Bunker Hill Co Kellogg Idah
Yours Truly R M Black

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since November 8, 1961, has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☒ No ☐

2. Since November 8, 1961, has there been any production from the land subject to the contract? Yes ☐ No ☒

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

	Quantity	Value

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

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

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

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

Disposition of Material	Quantity	Value

Submitted by:

Name R M Black Title

Address Clayton Ida Date 6-14-1962

4511

EXTRA COPY O. M. E RECEIVED NOV 24 1961		
DATE	INITIALS	CODE
		500
11/24	gla	500
		220

Sc. 157 Howard Street
Spokane 4, Washington
November 21, 1960

Memorandum

To: Chief, Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior

From: Acting Field Officer, OME, Region I

Subject: DNA-1959 (Zinc-Lead)
Gardner and Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-R223

Enclosed is the original of a Report of Royalty Review dated November 14, 1961, for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as the Hoodoo Mine located in Custer County, Idaho, during the period July 1, 1955, through November 8, 1961.

This Report of Royalty Review is for record purposes only and no copy has been provided for the Operator.

D. R. MacLaren

Enclosure

MLSmelser:mls
cc: CA&A Div., OME
OME
Reading copies to:
Nolan
Hobbs
Guild

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

NOV 1 5 1961

Memorandum

To: Acting Field Officer, Region I

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: UMA-1959 (Zinc-Lead)
Gardner and Vance
Hoodoo Mine
Custer County, Idaho
Amended Contract Idm-E223

The original and one copy of a Report of Royalty Review covering the subject contract are attached. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.; and

(b) One copy for your files.

This Report of Royalty Review is made for record purposes only; therefore, no copy for the Operator is provided.

As evidence of your concurrence, a copy of your memorandum transmitting the original report to the Fiscal Section should be furnished this Division. If for any reason you do not concur, both copies of the report should be returned to this Division with your comments.

Attachments

EDTalbert/ama
November 15, 1961

Copy to: Docket
Director's Reading File
CA & A Division
Mr. Rothrock

43683

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

OCT 3 1961

Memorandum

To: Acting Field Officer, Region I

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-1959 (Lead-Zinc)
Gardner and Vance
Hoodoo Mine
Custer County, Idaho
Contract Idm-E223

This Division is preparing a Report of Royalty Review on the subject contract. Accordingly, your submission of an original and one copy of MME Form 22, Check Sheet of Examining Engineer, will be appreciated.

It appears that this project has been inactive since 1956. If this is so, please make an appropriate statement under item 8 of MME Form 22.

EDTalbert/ama
October 31, 1961

Copy to: Docket
Director's Reading File
CA & A Division

43683

Misc (2)

OFFICIAL FILE COPY
O. M. E
RECEIVED AUG 28 1961

DATE	INITIALS	CODE
8/28	[illegible]	800
		500
"	[illegible]	500
		220

No. 157 Howard Street
Spokane 4, Washington
August 24, 1961

Mr. Ralph M. Klenk
P. O. Box 11
Clayton, Idaho

Re: MMA-1979 (Lead-Zinc)
Rocky Mine
Custer County, Idaho
Contract Ida-8825

Dear Mr. Klenk:

During a recent field trip into the Challis-Clayton area I was advised that you have leased the Rocky mine. If this report is correct, will you please furnish us with a photostat or true copy of the lease and advise us whether or not any ore has been shipped from the property.

Sincerely yours,

D. H. MacLaren
Acting Field Officer, OME
Region I

DHMacLaren:mls
cc: OME(2)
CFF
Reading copies to:
Nolan, Hobbs, Guild

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
August 2, 1961

OFFICIAL FILE COPY
O. M. E
RECEIVED AUG 4 1961

DATE	INITIALS	CODE
		120
		800
		500
		500
		220

Memorandum

To: Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: Royalty inspections

Docket No. DMEA-4659 (Lead-Zinc), Clayton Silver Mines, Clayton Silver Mine, Custer County, Idaho, Contract No. Idm-E1108:

The Clayton mine was visited July 22, 1961. Richard Settle, Superintendent, was interviewed. The mill was undergoing routine repairs. The purpose of this visit was primarily to inquire about possible activity at other Certified Projects in the area that time did not permit visiting. Mr. Settle was able to give me some information on the following mines:

Docket No. DMEA-1894 (Lead), Buchman, Brecken and Norden, Red Bird Mine, Custer County, Idaho, Amended Contract No. 266 (There have been no shipments from the Red Bird mine which Settle believes has been leased by Bunker-Hill.)

Docket No. DMEA-1959X (Zinc-Lead), Gardner and Vance, Hobdco Mine, Custer County, Idaho, Contract No. Idm-E923 (There has been no production from the Hobdco mine but Settle believes that it too has been taken over by Bunker Hill.)

Docket No. DMEA-3015 (Lead-Zinc), Ethela Mining Company, Livingston Mine, Custer County, Idaho, Amended Contract No. Idm-E573 (Elmer H. Swanson, present owner of the Livingston mine by virtue of a Receiver's Sale is doing some bulldozer trenching in an effort to find some shallow ore that can be mined by open cut or shallow workings. To date, no shipments have been made.

Docket No. DMEA-2213 (Zinc), Elmer Enderlin, Meadow View Claims, Custer County, Idaho, Contract No. Idm-E294 (Settle has not heard of any shipments being made but believes that Bunker-Hill has leased the property. He has no information on what activity there may be.

Docket No. DMRA-1984 [illegible] Highland-Surprise Consolidated Mining Company, Deer Trail Mine, Custer County, Idaho, Contract No. [illegible] (Seattle has no positive information [illegible] at the Deer Trail mine but believes something is being done there.

I shall write to the various Operators or owners of the above properties for more definite information.

D. R. MacLaren

One (3)

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

DATE	INITIALS	
4-14	gad	VVO
		170
4/17	[illegible]	800
"	Received	500
		220

Sp. 157 Howard Street
Spokane 4, Washington
April 12, 1961

Mr. Ralph M. Black
P.O. Box 11
Clayton, Idaho

Re: DMEA-1959 (Lead-Zinc)
Hecdoo Mine
Custer County, Idaho
Contract Ida-8223

Dear Mr. Black:

The effective date of the referenced contract is January 24, 1952, and, as set forth in Annex II of an Amended Contract dated June 3, 1955, the period of royalty repayment will terminate January 24, 1962, unless the funds contributed by the Government shall have been repaid before that date. A Report of Review in lieu of a final audit indicates that the Government contributed $3,868.06, none of which has been repaid.

I enjoyed talking with you on April 7 and hope this information which you requested will be helpful to you.

Sincerely yours,

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

cc: OME(3)✓
CPF
Director
Econ. Geol.
BLFM

OME

OFFICIAL FILE COPY
O. M. E.
RECEIVED 8 1959

DATE		
9-8	gad	vvo
		~~vvo~~
9/9		800
		~~500~~
9-10	~~[illegible]~~	~~225~~ ~~500~~
		225

Sc. 157 Howard Street
Spokane 4, Washington

September 3, 1959

Mr. B. F. Mills
American Zinc, Lead & Smelting Co.
2682 East 3135 South
Salt Lake City 9, Utah

Gardner & Sauer

Re: Docket No. DMEA-1-5 (Lead-Zinc)
Hoodoo Mine
Custer County, Idaho
Contract No. Idm-3223

Dear Bi:

Thank you for your letter of August 30 and Mr. Black's of August 17. The Hoodoo mine is an interesting property. We have not seen the tunnel Mr. Black describes as it has been run since we were at the property.

I am sorry but we are not permitted to release any of the reports we have on the property but if you could stop in the office sometime I would be glad to discuss it with you.

Sincerely yours,

A. E. Weissenborn
Executive Officer, OME
Field Team Region 1

cc: OME (2) w/cys incoming
USBM (1) "

American Zinc, Lead and Smelting Company

HIRAM F. MILLS
WESTERN GEOLOGIST

PHONE
HUNTER 5-2088

2062 EAST 3188 SOUTH
SALT LAKE CITY 9, UTAH

August 30, 1959.

Dr. A. E. Weissenborn,
U.S. Geological Survey,
Spokane, Wash.

Dear Al:

I am enclosing the facsimile of a letter Mr. R. M. Black, of Clayton, Idaho, and one of the owners of the Hoodoo mine in that area. It is my understanding that the diamond drilling on the property was done with a DMEA contract - - apparently in 1952. Hence, there should be some factual data such as drill hole assays and probably maps in the Survey files. I presume Mr. Black should have any such data in his possession but I hesitate to rely on this.

If there is any data that could be released to me and conveniently transmitted - such as a copy of the final report - I would appreciate it. The enclosed letter is not exactly a letter ofauthorization from the owner but might be considered such with a little stretching of inference.

With kindest personal regards.

Yours very truly,

H. F. Mills

[illegible] up there now and if
[illegible] you could come up and look
[illegible] can ask any one in Clayton
[illegible] and they will tell you
[illegible] home I will be up there.

Yours Truly

R. B. Black
Box 11 Clayton
Idaho

Clayton Idaho
8/17/59

Mr F J Mills
Dear Mr Mills

We Rec your letter of Aug 8/59 so will try and give you the information you want

The ~~Torolo~~ are in Custer Co Idaho Boulder mining district about 18 miles from Clayton and 8 miles from Highway 93. We are about 6700 ft high and you can work all winter. There are several mines in this County Bay horse claims Ivingston, Custer. The Clayton Silver mine is the only one working at present and the only mine that ever went below water level. They are now on the 800 ft level and got more and better ore than they had on the upper levels. The Ivingston mine was active last year but burned down in the Fall

We have 12 claims and two millsites. no Property join our claims

There is a power line runs up Salmon River which is 8 miles from the property, a good road on the Creek maintained by the Forest service we have a nice hot springs 150 ft from our no 2 millsite lots of water in Cre

The Government thinks it is an important zone
report [illegible] and [illegible] South
and south a few degrees east of south.
[illegible] unique and opening to some people they
[illegible] holes on the upper lead which
[illegible] 149 ft. The Government wanted a shaft
[illegible] and would give the [illegible] to run
[illegible] ft to the vein then shift [illegible] on it but
[illegible] could not get the money so had to let
go [illegible] we have got the tunnel in 393 ft
[illegible] ft we went through a [illegible] zone
[illegible] got about 150 to 200 ft to hit the
[illegible] they drilled then we have a large
[illegible] have cross cut 50 ft and it is still
[illegible] of zone. [illegible] not that
[illegible] as the people that had an
[illegible] not hadent done any work for a year
but still would not turn [illegible] so we
had to go to court to get it back.
[illegible] vein runs clear through the mountain
can find it in the next canyon.
If you are looking for a big image
don't think you can find one any bigger
than the Hoosier

OFFICIAL FILE COPY
DMEA
RECEIVED APR 28 1958

DATE	INITIALS	CODE
4/28	[illegible]	230
4/28	[illegible]	560
4/28	[illegible]	560

So. 157 Howard Street
Spokane 4, Washington

April 22, 1958

Messrs. Ralph Black, Frank Fisher
and David Fisher
Clayton, Idaho

Re: Docket No. DMEA-[illegible]59X (Lead-Zinc)
Gardner & Vance
Hoodoo Mine
Custer County, Idaho
Contract No. Idm-2223 (Term.)

Gentlemen:

This is in reply to your letter of April 8, 1958, in which you ask about the status of an affidavit you gave to Fairway Uranium Corporation giving them permission to get a Government loan on the Hoodoo group of claims in Custer County, Idaho, and for the results of drilling done by Gardner and Vance under a DMEA contract in 1952 and 1953.

Fairway Uranium Corporation requested DMEA aid to explore the Hoodoo claims and sent us a recorded copy of a Mining Lease, a recorded copy of an Option, and six copies of a Consent to Lien signed by each of you. I presume that the Consent to Lien is the affidavit to which you refer. Because the Fairway Uranium Corporation failed to send us certain necessary information regarding their proposal, the application was withdrawn and the copies of the lease and the option were returned to them. The Consent to Lien never became effective.

However, on July 19, 1951, before a DMEA contract was given to Gardner and Vance, a Landlord's Subordination Agreement was signed by Ralph M. Black, Lillian Black, David A. Fisher, Marjorie D. Fisher, Frank L. Fisher, and Constance M. Fisher. Again on March 21, 1953, before the same gentlemen were given an amended contract, an Owner's Consent to Lien was signed by the same six parties. Under the Landlord's Subordination Agreement and the Owner's Consent to Lien the signers as owners of the property agree to secure the payment to the Government of the percentage royalty on production provided for under the terms of the contract and grant to the Government a lien upon the land described in the contract and upon any production of minerals therefrom until the royalty claim is fully paid or until

ten years from the date of the contract has elapsed.

As a result of the drilling done by Gardner and Vance, a Certification of Discovery or Development was made on May 14, 1953 and therefore the Owner's Consent to Lien cannot be cancelled. The Government's contribution to the project was $3,868.06 and the date of the contract, which determines the royalty period, is January 24, 1952. Therefore, if any ore is produced from the Hoodoo claims 1 through 12 and the Hoodoo Millsite, royalty is due the Government until the sum of $3,868.06 has been repaid or until January 24, 1962, whichever occurs first. As Gardner and Vance have given up their lease, it is the obligation of the claim owners to see that royalty on any production is paid. If you lease your claims, you may protect your liability for royalty payments by including an appropriate clause in the lease.

We regret that Government regulations prevent us from giving anyone a copy of our reports, drill logs, maps or other information in our DMEA files. However, if you contemplate doing any further work and care to call at our Spokane office, we would be glad to discuss the property with you.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

cc: DMEA (2)
USBM (2)
USBM (AD)

Dec
re
USAM
AD
DMEA

Clayton, Idaho
April 2, 1958

D.M.E.A.
South 157 Howard Street
Spokane, Washington

Dear Sir:

In 1955 we entered into an option and lease with the Fairway Uranium Corporation of Salt Lake City, Utah. We signed an affidavit giving them permission to get a government loan on the Hoodoo group of claims located on Slate Creek in Boulder mining district, Custer county, state of Idaho. If this affidavit is still good we would like to have it cancelled as this company let these claims by default.

In 1952 and 1953 Mr. L. Vance and Mr. Gardner had a lease on these claims and did considerable diamond drilling, some of it with government money.

We are the owners of these unpatented mining claims and would like to have the engineers report on the drilling of this property. Someone told me they seen a pamphlet on these claims but I have never seen one. If you have any I would like one or any information on the Hoodoo group of claims. If there is any charges for this information I would gladly pay for it. Thank you very much.

DMEA
RECEIVED APR 1958

DATE	INITIALS	CODE

Very truly yours,

Ralph M. Black
Frank L. Fisher
David A. Fisher

Ralph M. Black
Frank L. Fisher
David A. Fisher

The attending engineer was Mr. N. Nicholson.

[illegible] Seattle [illegible]

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 3 1958

DATE	INITIALS	CODE
2/3	C	220
2/3	MW	800
		~~500~~

So. 157 Howard Street
Spokane 4, Washington

January 29, 1958

Mr. O. C. Larson, President
Fairway Uranium Corporation
Twenty-Three-Twenty South Main St.
Salt Lake City 15, Utah

Re: Docket No. DMEA-1959X (Lead-Zinc)
Gardner & Vance
Hoodoo Mine
Custer County, Idaho
Contract No. Idm-E223 (Term.)

Dear Mr. Larson:

This is in reply to your letter of January 23, 1958 in which you request that we furnish the Eagle-Picher Mining Company with information regarding exploration carried out by Gardner and Vance at the Hoodoo mine.

Government regulations prevent us from giving anyone a copy of our reports, drill logs, maps or other information in our DMEA files. However, should a representative of the Eagle-Picher Mining Company care to call at our Spokane office, we would be glad to discuss the property with him.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

cc: DMEA (2) w/2 copies of incoming
USBM (2) " " " "

FAIRWAY URANIUM CORPORATION

TWENTY-THREE-TWENTY SOUTH MAIN STREET
SALT LAKE CITY 15, UTAH

January 23,1958

Re: Docket No. DMEA -3898 Lead Zinc
Hoodoo Mine
Custer County, Idaho.

Mr A. E. Weissenborn Jr
Executive Office D.M.E.A.
U.S. Dept of Interior
So. 157 Howard St.
Spokane, Washington.

Dear Mr Weissenborn,

We are today in receipt of a letter from The Eagle-Picher Mining Co. Stating that they have Requested information regarding drilling done by your office on the Hoodoo Mine Property In Slate Creek, Near Clayton, Idaho. They Stated that you have referred them to Killagnard as engineer for the Gardner-Vance operation. They have sent several letters to Gardner-Vance and although have not been returned they have not answered.

The Fairway Uranium Corporation as Lessee of the Hoodoo Mine and named on above Docket as recipitent of DMEA loan, hereby requests that any information that you may be able to Furnish to The Eagle-Picher Mining Co. be so furnished and meets with our full sanction and approval.

Yours Truly

O.O. Larson President

REFER TO	ACTION	NOTED	DATE
Mac			1/27
al			
USBM			
DMEA			
ANSWERED			

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 3 1958

DATE	INITIALS	CODE

RECEIVED
JAN 27 1958
U.S.G.S.
SPOKANE WASH

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DMEA
RECEIVED OCT 30 1957

DATE	INITIALS	CODE
10/30	C	220
10/30	[illegible]	800
10/31	~~[illegible]~~	500

So. 157 Howard Street
Spokane 4, Washington

October 25, 1957

Mr. D. C. Brockie
Chief Geologist
Mining & Smelting Division
The Eagle-Picher Company
Tri-State Mines
Cardin, Oklahoma

Re: Docket No. DMEA-1959X (Zinc-Lead)
Wylie R. Gardner & L. R. Vance
Hoodoo Mines
Custer County, Idaho
Contract Idm-E223

Dear Mr. Brockie:

This is in reply to your letter of October 17, 1957 requesting the logs and assays of diamond drill holes at the Hoodoo mine, formerly leased to Gardner and Vance.

We regret that we are unable to give you the information you request as it is DMEA policy that the Field Offices regard all information relative to exploration done under DMEA as confidential and can only be released by authorization of the Administrator.

We suggest that you first try to contact Mr. Wylie Gardner whose last address, as of September 1953, is P. O. Box 1286, Wallace, Idaho. If you cannot get the information from him, we suggest that you write to Mr. C. O. Mittenderf, Administrator, DMEA, Washington 25, D. C., explain the circumstances, and ask if the drilling information can be released. You should accompany this request with a letter from the present lessees requesting the DMEA to release this information.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

cc: DMEA (2) w/2 copies of incoming
USBM (2)

RECEIVED
BUREAU OF MINES
OCT 21 1957
SPOKANE, WASH

THE EAGLE-PICHER COMPANY

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 30 1957

DATE	INITIALS	CODE

Mining & Smelting Division
TRI-STATE MINES
CARDIN, OKLAHOMA

October 17,1957

Mr. A. E. Weisenborn,
DMEA, Bureau of Mines,
Spokane, Washington.

Dear Mr. Weisenborn:

We have recently made an examination of the Hoodoo Mine, now under lease to Fairway Uranium Corporation (Mr. O.C.Larsen, President), formerly leased by Gardner & Vance, and have become quite interested in the possibilities of this property.

During the course of our field examination, we noticed the diamond drill core scattered around in a number of locations but, as was to be expected, the ore sections were missing. To date, we have been unable to obtain detailed logs of these drill holes. It is our understanding that your representatives logged these holes. Is it possible for us to obtain, from you, these logs and any of the assays that may have been determined from same? I would appreciate any other information that it would be possible for you to give us on this property. Should it be impossible for you to provide us with logs of these holes, could you advise me as to who to contact in order to obtain them? I have also written Mr. Thor Kiilsgaard, in Washington, in regard to this matter.

Thanking you, in advance, for any information you can give us, as we are definitely interested in this property.

Sincerely,

D C Brockie

D. C. Brockie,
Chief Geologist,
Mining & Smelting Division,
The Eagle-Picher Company.

DCB/tp.

File Copy
Surname

Selfridge
H. E. Nelson

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

AUG 27 1956

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

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

Dear Mr. Weissenborn:

In the semi-annual report on the cited certified project (date of examination May 22, 1956), by A. L. Service, we note the following statement:

"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."

If possible, without the expense of a field trip, would you kindly give us some detail on such work. We are interested in knowing the kind of work, location, estimated capital expenditure, results, etc.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (WB)

WRGriswold/er 8/27/56
Copy to: Docket
Admr & File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

FRANK D. LAMB (WB)
Member, Bureau of Mines

N. E. Nelson (WB)
Member, Geological Survey

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, Executive Officer
U. S. Geological Survey

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

Enclosure

cc: USGS (2)
USBM (AD)

xxxxxxxxxxxxxxxxxx

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

C

RECEIVED

JUL 27 1956

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

July 23, 1956

Mr. O. C. Larson, President
Fairway Uranium Corporation
Twenty-Three-Twenty South Main Street
Salt Lake City 15, Utah

Re: Docket No. DMEA 1959 (Lead-Zinc)
Wylie M. Gardner and L. R. Vance
Hoodoo Mine
Custer County, Idaho
Contract No. Idm-E223

Dear Mr. Anderson:

In reply to your letter of July 14, 1956, the Defense Minerals Exploration Administration had a contract with Wylie M. Gardner and L. R. Vance, partners, to carry out an exploration program at the Hoodoo Mine, near Clayton, Idaho. I regret to advise you that this office cannot give out any information regarding the results of this program. I suggest you get in touch with Mr. Gardner or Mr. Vance and obtain the information from them.

Very truly yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

cc: DMEA (2) w/inc.
USBM (2) w/inc.
USBM(AD) w/inc.
Nickelson

URANIUM CORPORATION

TWENTY-THREE-TWENTY SOUTH MAIN STREET
SALT LAKE CITY 15, UTAH

Mgr
Geol
Rick

Basin

[illegible]

RECEIVED
JUL 27 1953

Mr. [illegible] Tiesons Jr., Jr.
[illegible] D.M.E.A.
[illegible] Region 1
[illegible] Service
U.S. Department of Interior
Suite 227 Howard Street
Spokane, Washington

Dear Sirs

We are reconstructing the [illegible] Mine in Slate Creek, near [illegible] and would appreciate any reports or assays [illegible] [illegible].

[illegible] permission to [illegible] of samples or assays on [illegible] [illegible].

[illegible] D.M.E.A. - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Very truly yours,

O. J. Larson

O. J. LARSON
PRESIDENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP 2 1955

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

September 22, 1955

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

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

Dear Mr. Selfridge:

This is in reply to your letter of August 15, 1955, raising a question as to the ore reserves at the Hoodoo mine.

The reserves have been recalculated by M. L. Lickes, Bureau of Mines; Mr. Kiilsgaard, who discussed the results with Mrs. Lickes, is now in substantial agreement with the new figures.

We question whether Block A will ever be considered ore; the same may be said of Block A'. These figures are included for completeness.

Enclosed is an Errata Sheet listing corrections to be made in our final report mailed to you July 22, 1955. Attached to the sheet are four copies of a new longitudinal section showing the ore blocks, and four copies of a new section discussing ore reserves.

By Field Team, Region I, NW District

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr., Acting Executive Officer
U. S. Geological Survey

Stephen W. Zoldok

Stephen W. Zoldok, Acting Member
U. S. Bureau of Mines

Enclosures as above

cc: USBM (2) w/5 cys encl.
USGS (SRO) w/1 cy encl.
Kiilsgaard w/1 cy encl.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
SEP 29 1955

September 22, 1955

ERRATA SHEET

Please make the following corrections and substitutions to the Field Team's final report on the Hoodoo mine, Custer County, Idaho (Docket No. DMEA-1959, lead-zinc, Wylie M. Gardner and L. R. Vance, Amended Contract No. Idm-E223).

(1) Page 1, under Summary, line 10, change "30" feet to "18" feet.

(2) " , line 11, before semi-colon, add "whose true length is 9.2 feet".

(3) Page 4, paragraph 3, line 12, change "13.6" and "7.7" to "13.4" and "7.6", respectively.

(4) Page 5, section on "Ore Reserves", remove and substitute attached page 5.

(5) Page 8, line 3, change "20" feet to "18" feet.

(6) Remove from pocket the longitudinal section showing Ore Reserve Blocks and substitute the one attached.

Ore Reserves

There are no measured reserves at the Hoodoo property.

Indicated ore reserves include that part of the deposit whose area is bounded by lines drawn midway between the intersections of the holes with the plane of the vein, and extended in the boundary blocks half the distance to the nearest drill hole (see attached Longitudinal Section X - Y).

Inferred reserves were calculated in two categories. Block A' (Class 1) was separated from the remainder of the inferred blocks because: (1) the grade of the outcrop, although reported to be 10 to 20 percent zinc, cannot be used because no assay is available, and (2) the assays of hole 3 probably indicate a lower grade than exists; thus, the grade of the block, calculated from the assays of hole 3, would not be representative of the material in the block. Hole 3 was the first hole drilled that intersected the deposit and, according to the Operator, the core was badly crushed and broken and core recovery was poor. The Operator found much sphalerite in the sludge, although he took no sludge samples. In his opinion, material tested by the hole is of better grade than is indicated by the assays of the fragments of core recovered. Blocks B', C', D', and E' are extensions of blocks B, C, D, and E to the surface and to a depth of 300 feet, using the width and grade assigned to blocks B, C, D, and E respectively.

Using a tonnage factor of 12 cubic feet per ton, total ore reserves are:

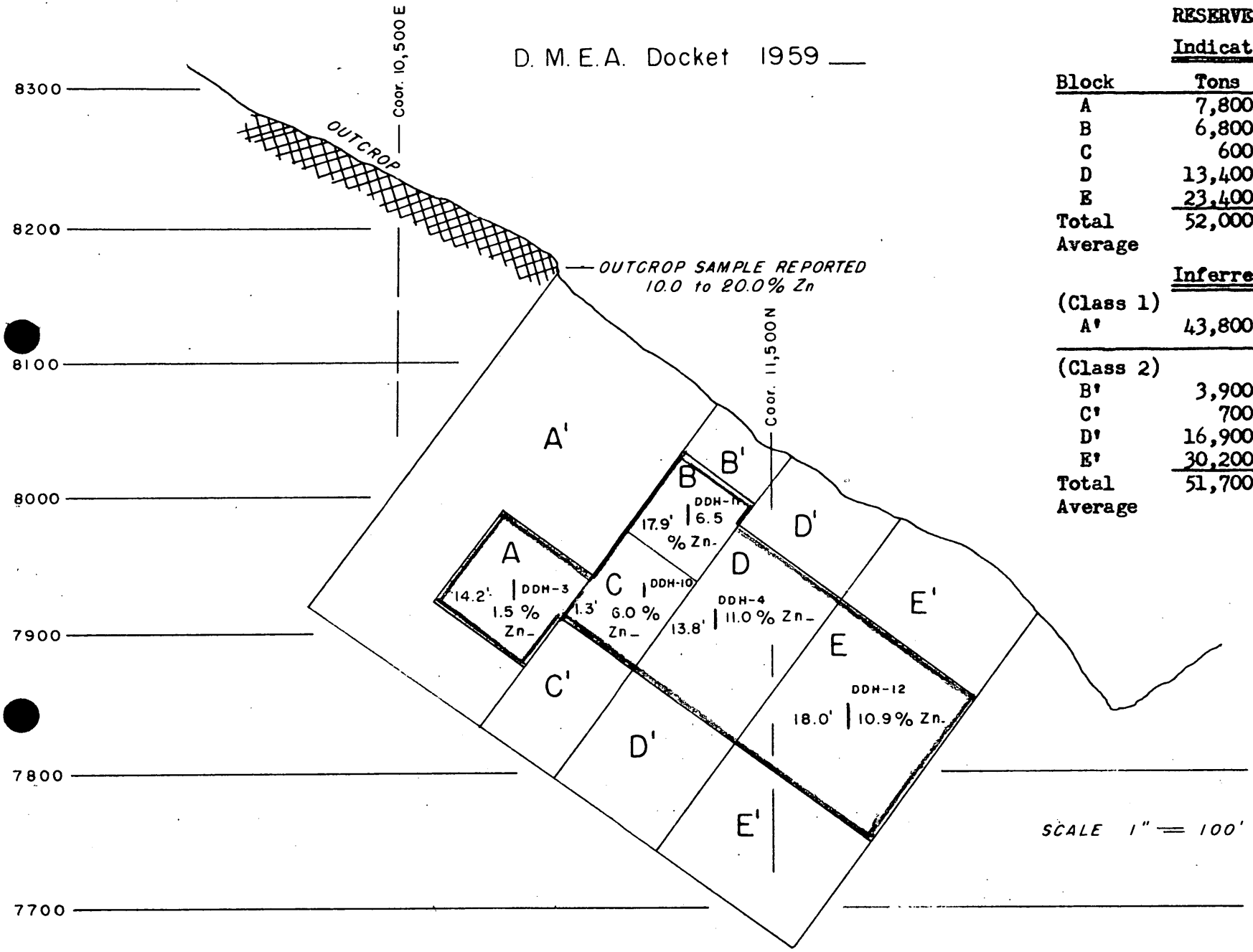
Indicated ore:

Block	Tons	% Zn	True thickness (feet)
A	7,800	1.5	14.2
B	6,800	6.5	17.9
C	600	6.0	1.3
D	13,400	11.0	13.8
E	23,400	10.9	18.0
	52,000 (Total)	8.9 (Av.)	14.3 (Av.)

Inferred ore:

(Class 1)			
A'	43,800	1.5	14.2
	43,800 (Total)	1.5 (Av.)	14.2 (Av.)
(Class 2)			
B'	3,900	6.5	17.9
C'	700	6.0	1.3
D'	16,900	11.0	13.8
E'	30,200	10.9	18.0
	51,700 (Total)	10.5 (Av.)	14.2 (Av.)

D. M. E. A. Docket 1959 ___



RESERVES

Indicated

Block	Tons	% Zn
A	7,800	1.5
B	6,800	6.5
C	600	6.0
D	13,400	11.0
E	23,400	10.9
Total	52,000	
Average		8.9

Inferred

(Class 1)		
A'	43,800	1.5
(Class 2)		
B'	3,900	6.5
C'	700	6.0
D'	16,900	11.0
E'	30,200	10.9
Total	51,700	
Average		10.5

ORE RESERVE BLOCKS

Longitudinal section X — Y, (Looking N. W.) Hoodoo property.

RECEIVED
SEP 29 1955

File Copy
Surname

Griswold
Martin
Johnson
Whitenbarg

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

AUG 15 1955

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-1959 (Zinc-Lead)
Wylie M. Gardner and L. R. Vance
Hoodoo Mines
Custer County, Idaho
Amended Contract No. Idm-R223

Dear Mr. Weissenborn:

We have received the final Field Team report covering the cited project. Apparently there is some conflict of opinion regarding the ore reserve calculations. We are enclosing copies of the memorandums of Mr. O. M. Bishop, USBM, dated August 3, and Mr. Thor H. Kiilsgaard, USGS, dated August 3.

Would you kindly review the points which have been brought up and let us have your comments.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee (HB)

Enclosures

WRGriswold/er 8/8/55

APPROVED:

/s/ Robert W. Geehan (HB)
Member, Bureau of Mines

Thor H. Kiilsgaard (HB)
Member, Geological Survey

Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

RECEIVED

August 3, 1955

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

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

Subject: Review of Field Team Final Report, Hoodoo property, Custer County, Idaho, DMEA Docket 1959.

I have reviewed the final report submitted by the Field Team on the cited contract. Exploration proved successful in finding a fairly substantial zinc deposit which was certified as a discovery on May 14, 1953.

As joint author I feel compelled to make certain criticisms of the report as changes have been made in the contents unbeknownst to me. I disagree with the section on ore reserves. As stated in the report, there are indicated reserves of 92,600 tons assaying 8.3 percent zinc, a Class 1 inferred reserve of 32,000 tons assaying 10.8 percent zinc, and a Class 2 inferred reserve of 110,000 tons of 1.5 percent zinc. All of these reserves have been calculated from 5 drill hole intersections with a deposit that does not outcrop above the area drilled. In my opinion this reserve estimate is exaggerated and creates an unrealistic picture of the potential of the property.

In calculations I made of the ore reserves at the Hoodoo property, I drew a block enclosing the four more promising drill holes, and, using weighted assays of the core and the corrected thickness of the vein, computed an indicated reserve of 38,000 tons having a grade of 10% Zn. This is, I believe, a more realistic estimate of the deposit as tested by the DMEA project. The deposit is such that an indefinite inferred tonnage could be calculated by projecting the limits of the inferred blocks; however, an inferred reserve of 100,000 tons would not be out of order.

It will be noted that further Government participation is recommended for underground exploration of the deposit.

Thor H. Kiilsgaard

Thor H. Kiilsgaard

BUREAU OF MINES
WASHINGTON, D. C.

AUG 4 8 53 AM '55

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

August 3, 1955

Re: DMEA-1959
Hoodoo Group
Custer County,
Idaho

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Branch of Base Metals

Subject: Review of final Field Team report on project under Contract Idm-E223, and recommendation that it be returned to originating office

Exploration in the form of 8 surface diamond drill holes totalling 1631.7 feet and costing $7,736.12 was successful in indicating a sphalerite replacement of limestone which the Regional examining and review staff conclude contains about 90,000 tons of indicated and 140,000 tons of inferred ore in a strike length of 400 feet and to a depth of 400 feet.

In addition to the drilling program, the contract, as amended, provided for 350 feet of crosscutting and 500 feet of drifting, but no crosscutting or drifting had been done when the contract was terminated.

In reviewing the ore reserve data it appears that the 35-foot thickness of ore credited to Blocks A and A' is based on the 175- to 210-foot ore intercept of D.D.H. No. 3. Similarly the critical thickness dimension for Block B appears based on the ore intercept in D.D.H. No. 11, that for Blocks C and C' on the ore intercept in D.D.H. No. 10, that for Blocks D and D' on the ore intercept in D.D.H. No. 4 and that for Blocks E and E' upon the ore intercept in D.D.H. No. 12. If such is the case the thickness of mineralization is exaggerated for in no instance does the data on the Geologic map indicate the drill holes cut the replaced Milligen limestone member normal to its dip and strike. On the bases of inspection of the Geologic map the probable true thickness of mineralization, where intersected by D.D.H. No. 3, is about 25 feet rather than 35 feet, and the tonnage of ore in Blocks A and A' would be in the order of 13,500 and 72,500 tons rather than 20,500 and 110,000 tons. The calculated reserves in the other blocks would also be reduced when the intercept is reduced to true thickness.

I would suggest that on the bases of the assays reported on Hole 3 (page X of Annex) the section of 0.85 percent zinc from 190 to 200 feet and of 1.50 percent zinc from 200 to 210 feet be eliminated from the ore width calculation. Such grades are not ore.

Because of the probability that the reserve calculations are in considerable error, I suggest the final report be returned to the Field Team for correction or clarification.

O. M. Bishop

O. M. Bishop

Copy to - Division of Minerals
Mr. Kiilsgaard, Room 5222
O. M. Bishop
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

July 29, 1955

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

Re: Docket No. DMEA-3898 (lead-zinc)
Fairway Uranium Corporation
Hoodoo Mine
Custer County, Idaho

Docket No. DMA-1959 (~~lead-zinc~~)
Hoodoo Mines
Custer County, Idaho
Amended Contract No. Idm-E223

Dear Mr. Selfridge:

Reference is made to your letter of July 25, 1955, citing the above dockets.

The final Field Team report on the Hoodoo Mine was sent from this office July 22, 1955, and it no doubt is in Washington by now.

Sincerely yours,

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr.
for A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

File Copy
Surname

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

JUL 25 1955

Mr. A. A. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-3898 (Lead-Zinc)
Fairway Uranium Corporation
Needoe Mine
Custer County, Idaho

Re: Docket No. DMA-1959 (Lead-Zinc)
Needoe Mines
Custer County, Idaho
Amended Contract No. Ida-L223

Dear Mr. Weissenborn:

We have your letter of July 11 enclosing copies of the application of the Fairway Uranium Corporation, for the Needoe Mine.

We have not yet received the final Field Team report covering the work done under the previous contract on this property. If possible, we would like to have the report, or at least a condensed summary covering the previous work, prior to giving any consideration to the new application.

Sincerely yours,

W. S. Martin
ACTING Chairman, Operating Committee

APPROVED:
/s/ Robert W. Geehan
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

WRGriswold/er 7/20/55
Copy to: Docket (2)
Admr R File
Op. Committee
Base Metals (2)
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

R.G.H.

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

RECEIVED
JUL 2 0 1955

July 22, 1955

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

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

Dear Mr. Selfridge:

Enclosed are four copies of the final report by Thor H. Kiilsgaard, Geologist, U. S. Geological Survey, and Margaret R. Lickes, Mining Engineer, U. S. Bureau of Mines, covering project work at the above property. The authors believe that the deposit warrants Government participation in underground exploration to test further the deposit that was diamond drilled. It is their feeling that the exploration program proposed in the Amended Contract should be approved if the Operator seeks to reactivate his terminated contract.

The Field Team concurs in the conclusions and recommendations of the authors.

A Certification of Discovery or Development was issued May 14, 1953.

By Field Team, Region I, N.W. District

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

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

Reviewed by
DMEA OPERATING COMMITTEE
8-1-55
(date)

Enclosure 1 (in quad.)
cc: USBM (2)
USGS (SRO)
Docket
Kiilsgaard

FIN. FLD. T. RPT.

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION I
Northwest District

RECEIVED
JUL 29 1955

FINAL REPORT

Amended Contract Idm-E223

by

Margaret R. Lickes
Mining Engineer
U. S. Bureau of Mines

Thor H. Kiilsgaard
Geologist
U. S. Geological Survey

WYLIE M. GARDNER and L. R. VANCE
d.b.a. HOODOO MINES
Clayton, Idaho

Docket No.:	DMA 1959
Commodity:	Zinc-lead
Prior Contract date:	January 24, 1952
Amended Contract date:	June 3, 1953
Termination date:	April 27, 1954

HOODOO GROUP OF CLAIMS
Boulder Creek Mining District
Custer County, Idaho

Spokane, Washington

July 1955

Reviewed by
DMEA OPERATING COMMITTEE
8-1-55
(date)

FINAL REPORT

WYLIE M. GARDNER and L. R. VANCE, Partners
d.b.a. HOODOO MINES
Hoodoo Group of Claims
Boulder Creek Mining District
Custer County, Idaho

Amended Contract Idm-E223

✡ ✡ ✡ ✡ ✡ ✡ ✡

INTRODUCTION

This final report describes a lead-zinc exploration project conducted jointly by the Defense Minerals Exploration Administration and Hoodoo Mines, a partnership of Wylie M. Gardner and L. R. Vance, at the Hoodoo claims, Boulder Creek mining district, near Clayton, Custer County, Idaho.

Summary

The exploration project with Hoodoo Mines was designed to explore by diamond drilling for continuity at depth of an outcrop showing sphalerite and minor amounts of galena. It was hoped that drilling would serve to correlate the outcrop with other outcrops to the north and to the south and that it also would prove the ore body extensive enough to warrant underground exploration. Drilling proved the deposit to be almost entirely sphalerite with a strike length of at least 400 feet and a depth of at least 400 feet below the highest part of the outcrop. Throughout the area explored, the deposit was found to range in thickness from 18 inches to 30 feet and to have a grade as high as 15.4 percent zinc in a 10-foot sample; galena was observed in only one 1.5-foot sample.

The contract was effective January 24, 1952; drilling was started July 1, 1952: and a Certification of Discovery or Development dated May 14, 1953, was issued to the Operator on the basis of results obtained in the 1631.7 feet of diamond drilling completed during the project. An Amended Contract, dated June 3, 1953, allowing 350 feet

of crosscutting and 500 feet of drifting to explore the deposit further was granted to the Operator, but this work was never begun. The contract was terminated by mutual agreement on April 27, 1954.

Recommendations

The deposit warrants Government participation in underground exploration to test further the deposit that was diamond drilled. The exploration program proposed in the Amended Contract should be approved if the Operator seeks to reactivate his terminated contract.

LOCATION AND ACCESSIBILITY

The Hoodoo claims are in the Boulder Creek mining district, believed to be in sec. 24, T. 10 N., R. 15 E., (unsurveyed), on Hoodoo Creek, a tributary of Slate Creek, about 14 miles southwest of Clayton, Idaho. To reach the claims from Clayton, Highway 93 (Alternate) is followed up the Salmon River 7 miles in a westerly direction to the mouth of Slate Creek. An unimproved Forest Service road is then followed up Slate Creek in a southerly direction for about 6½ miles to the mouth of Hoodoo Creek. From this point, there is about three quarters of a mile of steep bulldozer trail to the drill sites and the outcrop (see attached map of the Hoodoo property).

The topography has sharp relief. Altitudes increase from 7,000 feet at the mouth of Hoodoo Creek to 8,200 at the deposit, in a distance of about three quarters of a mile. The work was done on the north slope of Hoodoo Creek canyon.

There is considerable commercial-grade timber growing on the property.

Winter temperatures are not severe, and the Slate Creek road can be kept open to the mouth of Hoodoo Creek. Beyond this point, the jeep road to the drill sites could be kept open for winter operations only with a great amount of work.

PROPERTY

The unpatented mining claims, Hoodoo No. 1 through Hoodoo No. 12, and the Hoodoo millsite are recorded in Book 11, pages 353, 354, 355, 356, 357, and 358; Book 13, pages 576 and 577; Book 14, pages 54, 55, 56, and 57; and in Book 1, page 9, of the Mining Records of Custer County, Challis, Idaho. Of these claims, only the Hoodoo No. 1 through Hoodoo No. 6 were included in the original contract; however, by the terms of the Amended Contract, all 12 of the Hoodoo claims and the Hoodoo millsite are subject to royalty payments to the Government.

The Hoodoo [illegible] in 1933 [illegible] the [illegible] in 1953 and are now held by [illegible] and [illegible] Elmer, and David A., Marjorie D., Frank L., and Germaine M. Fisher of Clayton, Idaho, and vicinity.

The operators under the exploration project contract, Wylie M. Gardner and L. R. Vance, were lessees.

Additional claims on property adjoining the Hoodoo group were staked by the partners during the term of the contract but were not included in it. They are recorded in the mining records of Custer County, Challis, Idaho, as follows: G & V No. 1, Book 13, page 518; G & V Nos. 2, 3, and 4, Book 14, pages 52 and 53; and the G & V millsite, Book 1, page 68.

There are no mine workings other than a 60-foot adit, the portal of which is at Coordinates 11300 N. - 11980 E. (see attached map of Hoodoo property).

About three quarters of a mile of access road from the mouth of Hoodoo Creek to the drill sites was built and four holes were drilled prior to DMEA project work. In addition to this preparatory work bulldozing excavated diamond drill sites and the site of the adit portal.

The argillite country rock will require some support for underground excavations, but the limestone and hornfels will require very little timbering.

GEOLOGY

The geology of the region has been described by C. P. Ross in U. S. Geological Survey Bulletin No. 877.

The Hoodoo property is underlain by strongly folded argillites, quartzites, and impure limestones, all members of the Milligen formation of Mississippian age. Granitic rocks of the Idaho batholith more or less enclose the region on at least three sides, although the nearest known granitic contact is about two miles to the west. The presence of various metamorphic mineral assemblages in the Milligen rocks, some of which are almost pure diopside hornfels, suggests that the area may be underlain at no great depth by intrusive rocks.

At the property the Milligen rocks strike in a northerly direction and dip steeply to the east. For the most part, contacts between the various rock types are gradational, making the rocks difficult to map as individual members. The dark gray, massive,

dolomitic limestone, shown on the attached geologic map and distinguished by the symbol Cm(Ls), is the only Milligen member that was mapped on the property. This member is well exposed in Hoodoo Creek gulch and again where it crops out as a bluff face near Coordinates 11,350 N. - 10,540 E. Where measured at the bluff face, the member is 72 feet thick. It is underlain by a series of interbedded argillites, hornfels, and dolomitic limestones (see Section B-B' on attached geologic map), and overlain by diopside hornfels, recognized along Hoodoo Creek and in diamond drill cores of Holes No. 3, 4, 11, and 12 as being about 100 feet thick. The overlying hornfels was not recognized on the ridge south of the 8,200-foot contour; therefore, no attempt was made to map it as a distinguishable member.

There are several mineralized outcrops on the property. One outcrop has been explored by a 60-foot adit, the portal of which is at Coordinates 11,300 N. - 11,980 E. This outcrop was not tested by DMEA work, although Holes No. 1 and 2 were drilled to test the outcrop prior to commencement of the DMEA project. These holes failed to provide any useful information because the nature of the ground encountered was such that they could not be completed.

The strongest outcrop is in the upper part of the dark, dolomitic limestone, in the bluff face immediately south of where the limestone crosses the 8,150-foot contour. At this point, the outcrop is about 12 feet wide, extending from the bottom to the top of the bluff. To the south, the outcrop follows the limestone-argillite contact, being, in part, in the argillite, but it thins and near the 8,300 contour becomes hidden by overburden. Farther to the south, in the northwest corner of G & V Claim No. 1, there are two outcrops at the limestone-argillite contact that are believed to be the southern continuation of the deposit which outcrops at the bluff face. From north to south, these outcrops are 7 and 6 feet wide, and are reported to assay 13.6 and 7.7 percent zinc respectively (see map of Hoodoo property).

North of the bluff face, the deposit does not crop out in Hoodoo Creek gulch where the limestone is well exposed, but a vein does crop out farther down the gulch at Coordinates 11,750 N. - 10,750 E. This outcrop was originally believed to be the northern continuation of the deposit outcropping in the bluff face, but project drilling proved it to be the outcrop of a different vein.

Ore minerals at the outcrop in the bluff face consist chiefly of sphalerite, as a replacement of the limestone, and some smithsonite, abundant iron oxides and occasional pyrite. Some galena has been reported but none was seen by the examining geologist.

Ore Reserves

There are no measured reserves at the Hoodoo property.

Indicated ore reserves include that part of the deposit whose area is bounded by lines drawn midway between the intersections of the holes with the plane of the vein, and extended in the boundary blocks half the distance to the nearest drill hole (see attached Longitudinal Section X-Y). Blocks B, D, and E are extended to the surface because the vein outcrops and it is assumed that ore is continuous through this distance. Block A was not extended to the surface because: (1) its ore intercept is at greater depth, (2) the grade of the outcrop, although reported to be 10-20 percent zinc, cannot be used because no assay is available, and (3) the assays of Hole No. 3 probably indicate a lower grade; thus, the grade of the block, calculated from the assays of Hole No. 3, would not be representative of the material in the block. Hole No. 3 was the first hole drilled that intersected the deposit, and according to the operator the core was badly crushed and broken and core recovery was poor. The Operator found much sphalerite in the sludge, although he took no sludge samples. In his opinion, material tested by the hole is of better grade than indicated by the assays of the fragments of core recovered.

Inferred reserves were calculated in two categories. Blocks C', D', and E' are extensions of Blocks C, D, and E to a depth of 300 feet, using the width and grade assigned to Blocks C, D, and E, respectively. Inferred Block A' is separated from the other inferred blocks and is given the same grade as indicated in Block A, even though the outcrop is reported to assay between 10 and 20 percent zinc.

Using a tonnage factor of 12 cubic feet per ton, total ore reserves are:

Block	Tons	% Zn	Thickness (ft.)
Indicated:			
A	20,533	1.5	35
B	10,132	6.5	18
C	660	6.0	1.5
D	21,375	11.0	15
E	40,000	10.9	20
	92,700 (Total)	8.3 (Aver.)	18.5 (Aver.)
Inferred:			
(Class 1)			
A'	110,170	1.5	35
	110,170 (Total)	1.5 (Aver.)	35 (Aver.)
(Class 2)			
C'	800	6.0	1.5
D'	11,250	11.0	15
E'	20,000	10.9	20
	32,050 (Total)	10.8 (Aver.)	14.0 (Aver.)

In the calculation of these reserves two assays were changed to represent more nearly the actual conditions encountered. When sampling the ore intercept in Hole No. 10, ten feet of core was sampled, although all ore was found in 18 inches of core. In estimating reserves, the grade and thickness of ore in Hole No. 10 was used as 18 inches of 6 percent zinc, instead of 10 feet of 0.9 percent zinc reported in the 10-foot assay. A similar change was made in the first assay of Hole No. 11. In this hole the first assay was 10 feet of 7.0 percent zinc; because all the ore occurred in the last 5 feet of core, the grade and thickness of this area was used as 5 feet of 14 percent zinc.

THE PROJECT

The contract entered into January 24, 1952, specified 3000 feet of diamond drilling at a cost not to exceed $4.50 per foot, and $500.00 for assaying and engineering. The contract also specified that at least one hole should test the outcrop extension at an elevation of 7,100 feet. This hole was never attempted because the topography and the steep dip of the deposit would have made such a hole difficult if not impossible to drill with the rig used for the project.

Project work was started in June 1952, when drill sites were prepared and the drill rig moved to the project site. Actual drilling began on July 1, 1952, the first DMEA hole being No. 5, as shown on attached maps. Drilling continued through October when Hole No. 12, the last hole drilled on the property, was completed.

The project was recessed during the winter of 1952-53. In February 1953, the Operator applied for an extended contract that would allow exploration of the limestone deposit by crosscutting and drifting. The application was recommended for approval by the Field Team, and an Amended Contract allowing $3000.00 for road improvement, 350 feet of crosscutting, and 500 feet of drifting was granted the Operator on June 3, 1953.

During the summer of 1953 the project was inactive, the Operator giving as the reason that a major mining company was negotiating purchase of the property. In October 1953 the Operator assured the Field Team that project work would be resumed on or before July 1954; however, on March 16, 1954, the Operator advised that the low price and dull outlook for zinc forced withdrawal from the contract. Accordingly, an instrument terminating the contract was signed, effective April 27, 1954.

Prior to the contract, the Operator drilled Holes No. 3 and 4 from the road bank, at Coordinates 11,420 N. - 10,688 E., to test the northern and downward continuation of the deposit

outcropping in the bluff face. These holes were successful in finding ore. Core from the holes indicated the ore occurred as a replacement of the limestone near its contact with overlying hornfels. For purposes of clarification it might be noted that the hornfels is the same rock referred to by the Operator as quartzite.

Hole No. 5, collared at Coordinates 11,560 N. - 10,342 E., was the first hole drilled under DMEA contract. (Logs of all drill holes are appended to this report.) This hole was intended to test the downward continuation of two outcrops, both shown on the attached geologic map. The hole was successful in intersecting three occurrences of sphalerite, one of which was 4 feet thick, but all of which were too low grade to warrant sampling (see section of Hole No. 5 on attached geologic map). It is believed that two of the core intersections of sphalerite could be correlated with the two outcrops; thus the hole may be said to have accomplished its purpose even though drilling results were disappointing.

Hole No. 6 was intended to explore the southern extension of the outcrop at the bluff face, but it was improperly located to accomplish this purpose and was unsuccessful (see Section B-B' on attached geologic map).

Holes No. 7, 8, and 9 were collared in the south bank of Hoodoo Creek gulch at Coordinates 11,660 N. - 10,935 E. These holes were intended to explore the outcrop in the gulch to the northwest and also to explore the northern continuation of the deposit outcropping in the limestone bluff face, which previously had been tested by Holes No. 3 and 4. The holes collared in thin-bedded argillite which sloughed into the hole and proved difficult to core. Hole No. 7 was extended to a distance of 375 feet, but no ore was found in the core and no evidence of ore was noted in the sludge. Holes No. 8 and 9 bottomed at depths of 55 and 17 feet respectively, because they were lost at those points.

Failure to find ore in Hole No. 7 raised doubt in the Operator's mind as to continuity of the sphalerite deposit so he moved his rig back to the drill site of Holes No. 3 and 4, and drilled Holes No. 10 and 11. These holes confirmed the downward and northern extension of the limestone replacement ore body (see Section A-A').

While Hole No. 11 was being drilled, the property was visited by a DMEA examiner who suggested that a hole should be put down between Holes No. 7 and 4 to determine whether the ore continued in the limestone to the north, or if the ore structure

veered off to the northeast to crop out in the gulch at Coordinates 11,750 N. - 10,750 E. Accordingly, Hole No. 12 was drilled from Coordinates 11,520 N. - 10,725 E. This hole intersected 20 feet of ore in the limestone (see section of Hole No. 12 on accompanying geologic map).

Assays taken of drill cores showed no lead or silver in the limestone replacement deposit of sphalerite. This is unusual because similar base metal deposits in nearby mines contain appreciable quantities of lead and silver. It therefore seems reasonable to assume that if continued exploration of the Hoodoo deposit finds appreciable quantities of sphalerite, it should also find related lead-silver ores.

Exploitation Possibilities

Further exploration of the deposit must be done before any reasonable exploitation program for the property can be outlined.

On the basis of information on hand, it would appear that milling of the ore would present no problems. The only ore mineral found so far has been sphalerite, and it is rather coarse grained. Apparently a rather simple minerals separation and concentration plan could be effected.

The most favorable location for a mine camp and mill is at the mouth of Hoodoo Creek about three quarters of a mile from the deposit, where some warm springs could be utilized. Surface transport over this steep three quarters of a mile cannot be carried on continuously during the winter months, so that eventually half a mile or more of adit at or near the 7,100 elevation or a tramline over the surface must be considered.

Seasonal operation might be undertaken from an adit such as that proposed under this contract at times when zinc prices are somewhat higher than they were in 1954. However, labor conditions and other economic factors prohibit a successful operation at such a remote property at the present time.

Summary of Factual Data

There was 1,631.7 feet of diamond drilling completed at an approved cost of $4.74 per foot. (This includes preparation at drill sites and assaying.) Total approved costs were $7,736.12, after crediting the contract with salvage returns. The Government's share of the final cost was $3,868.06.

The Operator purchased the Government's interest in the small tools and supplies for $100.00. All other items were returned to the equipment dealers.

There has been no production from the property.

Conclusions

Work performance was affected by the steep terrain and the short operating season.

The partners are competent small mine operators with considerable administrative skill and modest capital reserves. They were generally cooperative, although they could have evaluated their work better had they taken more assays of the drill core and the sludge.

Project work was successful in exploring a strong replacement deposit of sphalerite in limestone to a depth of 400 feet below the highest point of outcrop along a strike length of 400 feet. This deposit definitely warrants further exploration, which can be done most logically by the work proposed in the Amended Contract. Such exploration merits Government participation in project costs. If this proposed drifting proves successful and if downward drilling from this level is also successful, a lower haulage adit would be justified. This haulage adit should portal in Hoodoo Creek canyon near the 7,100 foot contour. Such an adit not only could develop more than 1,000 feet of "backs" but would also do away with the expensive procedure of keeping the road open to the upper workings during winter months.

The Hoodoo deposit probably will not repay any royalty funds to the Government, because, barring a major increase in the price of zinc, there will be little chance of the property being worked within the foreseeable future. The inaccessibility and raw state of development of the property will continue to discourage exploitation as long as present economic conditions exist. Nevertheless, the project should be considered an important DMEA discovery because exploration has exposed an appreciable tonnage of zinc ore and has partially tested a deposit that gives promise of containing large reserves of zinc. There is little doubt that the deposit will become a substantial producer of zinc at some future date.

Enclosures (3)

Distribution:
DMEA (4)
USBM (5)
USGS (SRO)
Docket
Killsgaard

ANNEX

Diamond Drill Hole Logs

(Note: Diamond Drill Hole information submitted by Operator)

Log of diamond drill hole No. 3

This hole was drilled S. 50° W., at a -35° angle, for a distance of 400 feet

Footage From	Footage To	Percent Recovery	Remarks
0	6	27	Light gray Ls., crystalline, coarse texture
6	12.5	34	do do
12.5	15	76	Light gray Ls., local black chert lenses
15	24	56	Gray Ls., fractured, cemented by calcite, pyrite in calcite stringers
24	34	60	Gray Ls., Calcite stringers up to 1/4" thick
34	39.5	33	Dark gray Ls., at 34' many calcite stringers
39.5	45.5	43	Dark gray Ls., many calcite stringers cutting bedding, pyrite in stringers
45.5	52.5	10	Core of ground-up Ls., gouge at base
52.5	58	2	Limy gouge
58	69.5	3	Limy gouge, black hornfels fragments in gouge
69.5	77.2	4	Gouge, fragments of hornfels
77.2	84	5	Hornfels, black, fragmental, poor core recovery
84	101.5	9	Hornfels, ground-up to sand. Rock does not core, very fragmental
101.5	106.5	6	Hornfels, black, rock like argillite but with hornfelsic texture
106.5	109.5	7	Argillite, black, graphitic surface on bedding and cleavage. Typical of Milligen formation
109.5	111	10	Limy argillite, brecciated
111	123	26	.8 of a foot of core limy argillite, then into light-gray, coarse, Ls. with calcite stringers. Last foot of core fragments contain sphalerite stringers and blebs
123	132	71	Gray Ls., coarse, mottled green possible by diopside

Footage From	Footage To	Percent Recovery	Remarks
132	139.5	20	Gray Ls., mottled green, last foot of core gray quartzite
139.5	148	18	Gray quartzite
148	156	6	Gray quartzite, fine-grained
156	162	16	Gray quartzite, hornfels in lower part
162	170	17	Hornfels, dark gray
170	172	70	Light gray Ls., bleached, brecciated, cemented with calcite, iron-stained, could be low grade ore. Last 6" of core dark gray limestone
172	204	81	Dark gray Ls., some calcite stringers, good core
204	215	61	Gray Ls., at 1.5 of core hit sphalerite as replacement in limestone. About 4 feet of core shows sphalerite, believed to be low-grade
215	224	91	Dark gray Ls.
224	237	57	Dark gray Ls.
237	245	25	Argillite, black, some calcite stringers
245	265	30	Argillite, core grades into fine-grained dark gray argillitic Ls. Last 2 feet of core have sphalerite replacing Ls.
265	277	42	Dark gray Ls., brecciated, replaced by sphalerite, probably low-grade. No ore beyond 270 feet.
277	315	78	Gray Ls., mottled to a greenish, may contain diopside, coarse texture
315	323	80	Gray Ls., mottled, coarse texture
323	373	88	Gray Ls., grows progressively finer-grained, some beds silty, almost argillitic, but core for most part is limestone
373	400	40	Gray Ls., brecciated, many calcite stringers

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%.

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" 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.

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
115.0'	125.3'		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, grey, dolomitic in part.
	208.9'		Bottom of hole.

Note:
Recovery
approximately 100%.

Diamond Drill Hole No. 11 Logged by Johnson and Vance

From	To	Remarks
04	6.7	Argillite with oxidized fractures.
6.7	11.9	Argillite, with oxidization and pyrite cemented in fractures; at 10.4' some calcite.
11.9	12.7	Brittle argillite, oxidation stain.
12.7	17.0	Argillite, hard, brittle; pyrite at 12.7' in fracture.
17.0	21.8	Argillite, at 19' sulfides and calcite cementing fracture, at 20' seam of pyrrhotite.
21.8	24	Argillite, at 23' calcite cementing fracture.
24	26.5	Argillite grading to hornfels, oxidation stains.
26.5	27.6	Banded hornfels, calcite cementing fractures.
27.6	29	Banded hornfels, (lost drill water)
29	33.3	Banded hornfels, few fractures, good core.
33.3	38	Banded hornfels, at 35' pyrrhotite, 37-38' limey hornfels with sulfides.
38	42	Limey hornfels.
42	44	Very limey hornfels, oxidation and sulfides.
44	50	Hornfels or limestone, few fractures, little oxidation.
50	60	Limey hornfels, bands of calcite.
60	70	Hornfels with less calcite, pyrite specks.
70	80	Hornfels, little calcite; at 74' large crystals of pyrrhotite.
80	90	Hornfels, sulfide specks.
90	100	Hornfels, at 98' streak of sulfides.
100	104	Hornfels, with some fracturing.

From	To	Remarks
104	106.5	Hornfels, and gray limestone; 105-106.5' sphalerite and galena.
106.5	109	Hornfels, 2½ ft. of ore sphalerite, quartz calcite.
109	112	Gray limestone, 109-110' high grade sphalerite, 110-112' streaks of sphalerite
112	117	Gray limestone, 112-113' about ½ volume is sphalerite, 113-117' spots of sphalerite and calcite bands.
117	123	Gray limestone, disseminated sphalerite thru entire run.
123	131	Dark gray limestone.
	131	Total depth -15° dip, N. 78° W.

Diamond Drill Hole No. 12 Logged by Johnson and Vance

From	To	Remarks
0	28	Overburden and broken material.
28	31.7	Argillite with limey bands.
31.7	34.6	Argillite with limey bands, oxidation stains on fractures.
34.6	41.0	Fractured argillite, less lime, considerable oxidation stain.
41.0	44.3	Argillite, at 41.5' quartz seam, 41.5-43.0' pyrite filling fractures.
44.3	48	Argillite grading to hornfel, very few fractures.
48	51.5	Hornfel fractured, at 50' little oxidation stain.
51.5	61.7	Hornfel, pyrrhotite on fractures, entire run.
61.7	65.5	Hornfel, pyrrhotite on fractures.
65.5	73.3	Hornfel disseminated pyrrhotite, at 72.5' quartz streak.
73.3	83.3	Hornfel, occasional bunches of pyrrhotite.
83.3	93.3	Hornfel, occasional bunches of pyrrhotite.
93.3	101.1	Hornfel, no sulfides.
101.1	111.2	Hornfel, seam fillings - calcite, pyrrhotite, pyrite.
111.2	121.4	Hornfel, limey bands, bunches of pyrrhotite.
121.4	131.6	Hornfel, limey bands.
131.6	141.9	Dark hornfel, sulfides and calcite in fractures.
141.9	152	141.9-143' hornfel, dark gray 143-143.3' calcite 143.3-145.5' Limey rock with disseminated pyrite or pyrrhotite. 145.5-152' Dark gray hornfel.
152	162	Dark gray hornfel, few calcite seams

From	To	Remarks
162	170	Dark gray hornfel 162-167'. 167-170' sphalerite 30% recovered.
170	177.4	Hornfel with calcite seams, 170-176' seams of sphalerite some 3" to 4", good ore 176-177.4' sphalerite disseminated in limey hornfel.
177.4	180.2	Limey hornfel, some bands and disseminated sphalerite.
180.2	185.3	Hornfel with more lime, 180-182' disseminated sphalerite.
185.3	187.3	Gray limestone, calcite, some disseminated sphalerite.
187.3	192.6	Hornfel, gray limestone, calcite seams; disseminated and fracture filling sphalerite.
192.6	203	Dark gray limestone, bands of calcite.
	203	Total depth -45°, N. 78° W.

COPY

U. S. BUREAU OF MINES
1201 N. Division St.
Spokane 2, Washington

MEMORANDUM May 20, 1955

To: Files

From: M. R. Lickes, Mining Engineer, Bureau of Mines

Subject: Docket No. IAEA 1959 (zinc-lead), Hoodoo Mines, Custer County, Idaho, Gardner and Vance, partners, Contract Idm-E223 (terminated)

Because there were discrepancies between the reported assays of the Hoodoo property I interviewed Lester Vance in Wallace, Idaho, on May 10. The following assay results are a copy of the ones he gave me.

Hole No.	Footage	% Zn	
3	175-180	1.8	
	180-190	2.05	
	190-200	0.85	
	200-210	1.50	
	210-220	0.75	
	220-230	0.20	
4	145-155	15.4	
	155-160	2.3	
	160-165	0.2	
5	180-190	0.9	
	190-198.5	0.8	
	198.5-205	3.75	
	205-210	1.6	
	260-270	3.6	
	270-280	2.1	
	350-360	0.25	
	360-370	0.2	
	370-380	0.2	
10	150-160	0.9	- All this ore occurred in 18" of core. Equivalent of 18" of 6%.
11	100-110	7.0	- All this ore occurred between 105 and 110 feet. Equivalent of 5' of 14%.
	110-120	3.75	
	120-123	3.60	
12	160-170	13.5	
	170-180	8.35	
	180-190	1.55	

cc: USGS (2)

COPY

x

Alley
Talbot
Chamber

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

SEP 17 1954

Mrs. Myrtle I. Purdy
Certifying Officer
Bureau of Mines
1201 North Division Street
Spokane 2, Washington

Re: Idm-E223, Docket No. DMA-1959X
Hoodoo Mines

Dear Mrs. Purdy:

Reference is made to the above cited Exploration Project Contract for which a Report of Review in the amount of $3,868.06 was issued by Mr. C. A. Turner, DMEA Auditor, on June 7, 1954.

It appears that the Washington office has not received all of its copies of payment documents on this contract. We are listing those documents received and would appreciate it if you would review them and, where necessary, furnish us two copies of any pertinent vouchers or schedules (showing voucher numbers, dates of payment, and amounts paid) in order that our records will be complete.

Date	Doc. No.	Month	Amount Paid
10-3-52	DMA-401	July	$1,602.15
10-13-52	DMA-418	August	397.95
10-27-52	DMA-490	September	1,916.82
12-8-52	-	October	326.26
8-13-53	-	November	- 474.82
8-13-53	-	December	- 115.79
8-13-53	-	January	- 197.59
8-13-53	-	February	- 72.33
8-13-53	-	March & April	13.94
8-13-53	S.C.- 71	Repay. of salvaged supplies	- 100.00
6-15-54	S.C.-143	Refund of overpayment	- 275.12
		Total	$3,021.47

AMAlley/ama
September 17, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers

Sincerely yours,

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Talbert

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

JUN 11 1954

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-1223, DMA-1959X
Hoodoo Mines
and
Idm-1200, DMA-1466X
Addy Mining Company

Dear Mr. Turner:

Receipt is acknowledged of the Washington copies of the Report of Review covering contract Idm-1223 and the Audit Report and Certificate covering contract Idm-1200.

After insertion of the word "Supplemental" in the title of the Audit Certificate, normal distribution of the subject reports may be effected. This correction has been made on the copies submitted to this Division.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

WBorovies/wb
June 11, 1954

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.C.G.

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

May 28, 1954

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

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

Dear Mr. Selfridge:

Enclosed are the original and two signed copies of an agreement mutually terminating the above-referenced contract. Distribution of this agreement is being made in the usual manner.

Also enclosed are the original and two signed copies of a letter from the operator dated May 15, 1954, which has been accepted by the Executive Officer as satisfactory for a final report. We have retained one copy of this document for our files.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Attachments as indicated

cc: Finance Office w/cy term. agreement
USBM (2)
Kiilsgaard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

May 28, 1954

Certifying Officer, DMEA
Field Team, Region II
1201 North Division
Spokane 2, Washington

Re: Docket No. DMEA-1959 (lead-zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-3283 (terminated)

Dear Sir:

Attached is a check in the amount of $275.12, signed by Mr. Wylie M. Gardner and made payable to the Treasurer of the U. S. Government. This check has been submitted by the operator in response to a Field Team letter dated April 27, 1954. The check represents an overpayment to the operator by the Government with regard to certain monthly invoices. The check should be credited to the operator's account, and Mr. C. E. Turner, DMEA auditor, by copy of this letter is hereby notified so that he can make a correction statement in his audit of July 7, 1953.

The cited project has been terminated by mutual agreement; the operator has submitted a final report which has been accepted by the Executive Officer; the operator has purchased the government's equity in certain items of jointly-owned equipment and there remains no items to be disposed of.

Inasmuch as all contract requirements have been met, it is requested that correction in the operator's audit account be made, and that the contract be closed out as quickly as possible.

Sincerely yours,

A. E. Weissenborn, Executive Officer
DMEA Field Team, Region II

cc: DMEA (2)
USBM (2)
Auditor Turner

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

May 27, 1954

Messrs. Wylie M. Gardner and
L. R. Vance
P. O. Box 1286
Wallace, Idaho

Re: Docket No. DMEA-1959 (lead-zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-2223

Gentlemen:

This will acknowledge receipt of your letter of May 15, 1954, to which was attached a check payable to the Treasurer of the U. S. Government in the amount of $275.12. It is assumed your letter is intended to serve in lieu of a final report on the cited project, and, as such, it is hereby accepted by the Executive Officer. As the contract has been terminated by mutual agreement, and as all items in which the Government had an equity have been disposed of to the satisfaction of the Government, I am recommending that the contract be closed out as quickly as possible.

We wish to commend you on the manner in which you conducted your exploration contract and in the manner in which you attended to the various items of business necessary to closing out the contract. If, at some future date, you should decide to resume operations at the Hoodoo property, we would be most happy to discuss an exploration contract with you, provided, of course, the Government is still participating in such work at that time.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA (2)
USBM (2)
Kiilsgaard

P.O. Box 1286
Wallace, Idaho.
May 13, 1954

Mr Ving G. Agnew
Acting Executive Officer
U. S. Bureau of Mines
So. 157 Howard St.
Spokane 4, Washington.

Re: Docket No. MEA-1039
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-1223

Gentlemen:

In compliance with Section 14 of our original contract, we wish to submit the following as a finalreport on the above project.

A small amount of building and repairing roads, and preparing diamond drill stations, on the property, was allowed in a supplement to the original contract. The remainder of the money was used for diamond drilling. Seven holes were drilled for a total of 1672.2 ft .

Ore of good grade was indicated in four of the holes and ore of lower grade in one other hole. Certain outcrops and surface float had suggested the possibility of considerable lead in parts of the ore zone. Our diamond drilling failed to disclose such values of lead but show the probability of an important body of zinc ore.

The total expenditure of $ 9,995.12 has been accounted for and an audit of this account has been made and accepted. The enclosed check for $ 275.12 is to reimburse the Government for overpayment on monthly invoices. All items in which the Government had an equity have been disposed of, to the satisfaction of the auditor. All major items of equipment were used on a rental basis, and no buildings were constructed on the property.

Because of the low price for zinc, we will be unable to continue with the development of the property at this time. For the same reason, we have been unable to interest private capital, or any of the major operating companies, in a project that indicates main values in zinc.

May we express our sincere appreciation to the personnel of the various departments, for the help and cooperation given us in this matter.

Yours truly,

Dylie M. Gardner

Dylie M. Gardner

L. R. Vance

L. R. Vance

RECEIVED
MAY 20 1954
U. S. G. S.
SPOKANE, WASH.

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
MAY 3 - 1954

April 27, 1954

Messrs. W. M. Gardner and
L. R. Vance
Box 1286
Wallace, Idaho

Re: Docket No. DMEA-1959 (lead-zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-8223

Gentlemen:

Reference is made to the Field Team letter of March 5, 1954, and to your reply of March 16 to that letter, both letters pertaining to the cited contract.

Following receipt of your letter of March 16, we notified our Washington office that you would be unable to do any exploration project work during the coming season. Consequently, they have prepared an instrument that will terminate the cited contract by mutual agreement. Seven copies of this agreement are enclosed. If you find the agreement acceptable, please sign all copies, retain that copy marked for the Operator, and return the others to this office.

Section 14, of your original contract, specifies that you are to submit four copies of a final report on the accomplishments of the exploration work upon termination of the contract. This matter was previously called to your attention in a letter of December 29, 1952, from Mr. Thomas E. Howard, U. S. Bureau of Mines. This report was never received, undoubtedly because shortly after receipt of Howard's letter you received an extension to your contract and therefore decided to wait until the contract was completed before preparing your report. We must, however, now ask you for the report so that we can officially close out the contract.

Another matter to which we wish to direct your attention concerns the payment of $275.12, which you owe the Government. This debit resulted from overpayment to you on monthly invoices. The overpayment was directed to your attention in a letter from the Executive Officer dated August 20, 1953. We note that your answering

letter of August 31, 1953, stated that you intended to pay this amount after you had transferred your interests in the Hoedoo property to an assignee or that you would pay it if such a transfer did not take place. We will need your payment of $275.12 before we can close out our books on the contract.

By Field Team, Region II

Wing G. Agnew, Acting Executive Officer
U. S. Bureau of Mines

Thor H. Kiilsgaard, Acting Member
U. S. Geological Survey

Enclosure

cc: DMEA (2)
USBM (2)
Hindman
Kiilsgaard

File Copy
Surname

500

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

APR 1 0 1954

Mr. A. F. Weissenborn
Executive Officer
DMEA Field Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-1959 (Lead-Zinc)
Hoodoo Mines
Custer County, Idaho
Amended Contract No. Idm-F223

Dear Mr. Weissenborn:

Referring to your March 31 letter covering the cited project, we are enclosing the original and five copies of a mutual termination agreement, as you had recommended. Kindly present it to the Operator for signature and distribute the copies in the usual manner.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

Enclosures 6

WRGriswold/bjl (4/13/54)

APPROVED:

J. H. Hedges
Member, Bureau of Mines

D. M. Larrabee
Member, Geological Survey

Copy to: Docket
Admr. R. File
Base Metals
Op. Committee
Mr. Kinkel
Mr. Bishop
Chron.

P.S. If not already paid, the sum of $275.12 due on overpayment to Operator should be collected or satisfactory arrangement for payment made.

Docket copy

TERMINATION AGREEMENT

It is agreed this _____ day of _____, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Wylie M. Gardner and L. R. Vance, partners, doing business as the Hoodoo Mines, hereinafter called the "Operator," parties to that certain Amended Exploration Project Contract Idm-E2F3 (Docket No. DMEA-1959), dated June 3, 1953, hereinafter called the "Amended Contract," that:

1. All work and operations provided for in said Amended Contract shall be terminated as of May 1, 1953.

2. The Operator shall promptly perform all winding-up and settlement actions provided for in the Amended Contract, including the disposal of any buildings, fixtures, equipment, or other items to the cost of which the Government has contributed and in which it has an equity; and shall promptly render to the Government a final report and final accounting.

3. Any work or operations prosecuted or costs incurred by the Operator after May 1, 1953, shall be for the sole account of the Operator without contribution by the Government, except for necessary and reasonable costs and expenses incurred in (a) preserving and disposing of property, and (b) making and rendering reports, accounts, and winding-up and settlement actions provided for in the Amended Contract.

4. The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Amended Contract, except as herein otherwise provided.

5. All rights of the Government with respect to percentage royalty and lien for its payment under the Amended Contract are preserved.

6. In Articles 9 and 10 of the Amended Contract form the words "the date of this contract" are deleted, and the words "the date of the Prior Contract (January 24, 1952)" are substituted.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By _____
Administrator, Defense Minerals
Exploration Administration

MOODOO MINES

By _____ (Partner)

By _____ (Partner)

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

500

H. S. in R. R.

April 7, 1954

Memorandum

To: Chief Counsel

From: Chief, Base Metals Division

Subject: Docket No. DMEA-1959, Hoodoo Mines, Contract No. Idm-E223

With reference to the March 31 letter from Mr. A. E. Weissenborn, will you kindly prepare the mutual termination agreement as requested.

The project has already been certified.

W. R. Griswold

W. R. Griswold

WRGriswold/bjl

Copy to: Docket
Base Metals
Chron.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 6 1954

So. 157 Howard Street
Spokane 4, Washington

March 31, 1954

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

Re: Docket No. DMEA-1959
Hoodoo Mines
Custer County, Idaho
Contract Idm-E223

Dear Mr. Selfridge:

For some time we have been trying to get a statement from the Hoodoo mine people as to their intentions in completing the contract. Mr. L. R. Vance of the company has replied to our inquiry of March 5, and a copy of his letter is enclosed.

As you will note, the exploration was done in the hope that the amount of lead in the ore zone would be fairly high in relation to the zinc. The diamond drilling, although indicating possibly an important body of zinc ore, shows that this is likely to be very low in lead. The operator states that under the present low price and dull outlook for zinc, there is little incentive for the exploration of ore deposits of this metal and that, consequently, they are unable to continue work on the contract.

Inasmuch as, on the basis of the work done to date, a bona fide discovery can be certified, we recommend that the contract be terminated by mutual agreement.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
Geological Survey

cc: USBM (2)
Kiilsgaard
Hindman

Wing G. Agnew

Wing G. Agnew
Bureu of Mines

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 6 1954

422 Bank St.
Wallace, Idaho.
March 16, 1954.

Mr. A. E. Weissenborn
So. 157 Howard St.
Spokane 4, Washington.

Re: Docket No. DMEA-1959
Hoodoo Mines
Custer County, Ida.
Contract Idm-2223

Gentlemen:

Mr. Gardner and I have discussed your letter of March 5, 1954, and have reached the only conclusion possible at this time.

Because of the present conditions of lead-zinc mining we will be unable to continue with our proposed development of the Hoodoo project during the coming season. Nor have we been able to interest private capital, or any of the major operating companies, in a project that indicates major values in zinc.

Certain outcrops and surface float suggested the possibility of considerable lead in parts of the ore zone. Subsequent diamond drilling failed to disclose commercial values of lead but indicated an important body of zinc ore. The present low price and dull outlook for the future of zinc give little incentive for the exploration of new deposits of this metal.

We sincerely regret having to give this answer because we are convinced that the property has great merit as a potential zinc producer.

Yours truly,

L. R. Vance

L. R. Vance

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
MAR 8 1954

March 5, 1954

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

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

Dear Mr. Selfridge:

Reference is made to your letter of February 23 in which you inquire as to the status of the referenced contract.

The last contact we had with the operator was on October 7, 1953. Comments on this interview were included in Mr. Thor Kiilsgaard's interim inspection report of October 7, copies of which are in your files. At that interview the operator was requested to write the Field Team officially requesting a recess of project work; however, this was not done. We have not written the operator as we knew his mine was inaccessible during winter months and that he could not resume work until early summer. However, we are on this date writing him and asking that he advise us of the date that he intends to resume work. When this date is known, we shall again write your office requesting a formal recess agreement which should be so worded that if work is not resumed of that date, the contract shall be terminated.

By Field Team, Region II

A. E. Weissenborn

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

Wing G. Agnew

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

: USBM (2)
Kiilsgaard

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

No. 157 Howard Street
Spokane 4, Washington

March 5, 1954

Messrs. W. M. Gardner and
L. R. Vance
Box 1286
Wallace, Idaho

Re: Docket No. DMEA-1959 (lead-zinc)
Hoodoo Mines
Custer County, Idaho
Contract Ida-E223

Gentlemen:

On October 7, 1953, Mr. Vance was contacted by Mr. Thor Kiilsgaard of this office and asked of your proposed exploration plans for the Hoodoo property. He was informed that work would not be resumed until early summer of 1954. He therefore suggested that a formal letter be written the DMEA Field Team requesting an official recess from winter operations.

We have recently been requested by the Washington office of DMEA to again request from you the date at which you intend to resume work in the spring, assuming of course that you will resume work. With the knowledge of that date, we will have a recess agreement prepared to be so worded that if work is not resumed as of the contemplated date, the contract shall be terminated by mutual agreement.

We will appreciate your immediate attention to this matter.

By Field Team, Region II

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

cc: USBM (2)
DMEA (2)
Kiilsgaard

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

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

500

FEB 23 1954

Mr. [illegible] Weisenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Projects believed to be of
indefinite status

Dear Mr. Weisenborn:

The following listing shows projects in Region II which are believed to be inactive and having an indefinite status. In some instances they may be inactive without a recessing amendment, or others may have been recessed but with the recessing period having expired. Will you kindly review such projects with a view toward taking whichever action may seem advisable in the particular cases.

We realize that you are well aware of these problems and in certain cases you have already written regarding actions which you contemplate taking. However, we list all such projects as a matter of record.

Bunker Chance Mining Co., Docket DMA-495, Contract DMA-283
William Goren, Docket DMA-1131, Contract Idm-242
Goodon Mines, Docket DMA-1859, Contract Idm-223
Pacific Northwest Inc. Co., Docket DMA-2123, Contract Idm-228
Signal Mining Co., Docket DMA-2237, Contract Idm-421

Sincerely yours,

George C. Selfridge (GCS)

Chairman, Executive Committee

Concurred:

J. H. Hedges (JHH)
Member, Bureau of Mines

Philip W. Guild (PWG)
Member, Geological Survey

WRGriswold/bjl (2/18/54)

Copy to: Docket (5)
Admr. R. File
Op. Committee
Base Metals (5)
Mr. Kinkel
Mr. Bishop
~~Mr. Kinkel~~ Chron.

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

October 7, 1953

Memorandum

To: DMEA Field Team, Region II

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

Subject: Discussion with Mr. L. R. Vance, Operator, Hoodoo Mines, Custer County, Idaho, Docket DMEA 1959 (lead-zinc), Contract Idm-E223

Mr. Vance was contacted at his home in Wallace, Idaho, on October 7, 1953. He informed me that no work had been done at the Hoodoo property during the present working season, and that no work was planned until next spring.

As reasons for the recess in operations, Mr. Vance stated that he and his partner, Mr. Wylie Gardner, had been negotiating with the Coronado Mining Company to take over the property and that only last week had they been informed that the company had decided not to take over the mine. Chief reasons for the negative decision appear to have been the falling lead-zinc market, and the relatively small size of the deposit. Mr. Vance stated that Coronado had deliberated for a good part of the summer before announcing their decision and that the partners had delayed commencing work while waiting for the company to arrive at their decision. By the time the company's conclusions were made known it was too late in the season to commence project work.

When asked about future plans, Mr. Vance informed me that the agreement he and his partner had with the owners of the Hoodoo property calls for $3,000 of exploration and/or development work each year and that to stay within the terms of the agreement the partners will have to commence work by July 1, 1954. He said the partners definitely planned to commence project work by July, and he requested a recess for the project until such time next spring when they will be able to begin work.

I advised Mr. Vance to write a letter to the Field Team explaining the partners' plans for project work and officially requesting a recess in project work. I further told Mr. Vance that upon receipt of this request the Field Team would forward it to the DMEA Washington, D. C. office for consideration as any decision on such an extended recess would have to come from that office. Mr. Vance stated that his letter would be forthcoming in the near future.

Should look at this closely

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

September 1, 1953

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

Re: Docket No. DMA-1559 (lead-zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-2223 (Amended)

Dear Mr. Selfridge:

Enclosed are the original and two signed copies of Owner's Consent to Lien to the above-captioned contract. These forms were returned to the Operator for additional signatures in accordance with your letter of June 3 forwarding the Amended contract to us. Reference is also made to the 2nd paragraph of our letter dated July 7, 1953, forwarding the signed copies of the Amended contract to your office.

As per usual, we are retaining a copy of the Owner's Consent to Lien for our files, the Finance Officer's copy is being distributed by a carbon copy of this letter, and a copy has been forwarded to the Operator.

Sincerely yours,

Thor H. Killsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: Finance Officer w/encl.
USBM (2)
Killsgaard

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

September 1, 1953

Mr. Wylie Gardner
Box 1286
Wallace, Idaho

Re: Docket No. DMA-1259 (lead-zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-E223 (Amended)

Dear Mr. Gardner:

Enclosed please find a copy of the signed Owner's Consent to Lien form which should be attached to your copy of the subject contract.

Sincerely yours,

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

Enclosure

cc: DMEA (2)
USBM (2)
Kiilsgaard

FILE COP
SURNAME:
800

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

JUL 30 1953

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-E223, DMA-1959X
Hoodoo Mines

Dear Mr. Turner:

Reference is made to your transmittal letter of July 27, 1953, submitting copies of the Audit Reports and Certificates for the above-cited contract.

The revised Report and Certificate have been accepted by this office and may be distributed in the usual manner.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

JLChambers/wb
July 30, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

FILE COPY
SURNAME:

pc
Talbot
Chamb

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

JUL 21 1953

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Subject: Idm-E223, DMA-1959X
Hoodoo Mines

Dear Mr. Turner:

A more complete review of the Interim Audit Report and Certificate covering the subject project indicates that certain corrections are necessary.

One of the basic principles that we follow in our audits is to use the total costs claimed by the Operator on the last MT-104 covering the period under audit as the amount which must be reconciled. The statement of facts on the Audit Certificate must always start with the amount claimed by the Operator. Accordingly, it appears that in the case under consideration this statement should be similar to the following:

Total cost as billed by contractor			$9,522.10
Less: Salvage proceeds on property			200.00
Net cost claimed			9,322.10
Exceptions (see Audit Report for details):			
Prior to this audit	$323.36		
Less: Reinstatements	32.01	$ 291.35	
During this audit		1,326.64	1,617.99
Total accepted cost			$7,704.11

The Audit Certificate, as prepared by you, indicates that you have taken no exceptions. However, an analysis of your Audit Report indicates that you actually disallowed a net amount of $1,326.64 (as indicated above), after offsetting certain additional allowances against your gross disallowances. The net exceptions consist of the following:

R.C.G.
7-21-53

Bits returned for credit:			
Nov. credit not given by Operator		$1,571.93	
Less: Credit duplicated by Operator		204.11	$1,367.82
Differences in totals forwarded:			
Plus: Oct. to Nov.	$ .15		
Nov. to Dec.	7.20	$7.35	
Less: Feb. to Mar/Apr		.17	-7.18
Nov. accounting not charged			-34.00
Net audit exceptions			$1,326.64

In addition to rewriting your Audit Certificate you also should correct the Exhibit "A" attached to your Audit Report. The disallowances and additional allowances, which you have included in the "Distribution Corrected" column, should be under the "Disallowed by Audit" column. Also the $32.01, covering a prior exception reinstated by your audit, should be shown as a minus amount in the column headed "Disallowed Prior to Audit" rather than in the "Distribution Corrected" column.

You will note that the accepted cost according to my figures is $32.01 less than shown on your Audit Certificate. It appears that possibly you have duplicated the reinstatement of this amount. Since I have neither the pertinent Forms MF-104 or your work sheets I cannot be sure of the amounts indicated above; therefore please feel free to correct or amend as deemed necessary.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Attachment

EDTalbert/wb
July 21, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

FILE COPY
SURNAME: Chambers

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

DMEA- 1959

Contract Admin. & Audit Division
Defense Minerals Exploration Admin.
14X3923.970 Working Fund, DMEA

July 21, 1953

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re my letter of approval Contract 223, July 16, 1953. Error found in audit. Please hold distribution of reports and certificates. Letter follows.

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

JLChambers/wb
July 21, 1953

Copy to: Mails & Files
Admr. Reading File
Mr. Chambers

R.C.L. 7-21-53

FILE COPY
SURNAME:

800

JLChambers/ama

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

JUL 16 1953

Mr. Charles A. Turner
DMA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-F223, DMA-1959X
Hoodoo Mines

Dear Mr. Turner:

Reference is made to your transmittal letter of July 9, 1953, submitting copies of the Audit Reports and Certificates for Contract Idm-F223, Docket No. DMA-1959X, Hoodoo Mines.

The Certificate and Report have been accepted by this office and may be distributed in the usual manner.

Sincerely yours,

SIGNED
Jay L. Chambers, Chief
Contract Administration
and Audit Division

JLChambers/ama
July 16, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.C.G.
7-16-53

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

July 3, 1953

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

Re: Docket No. DMA-1959 (Lead-Zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-E223 (Amended)

Dear Mr. Selfridge:

Enclosed please find the Government, the Docket, and the Division copy of the above mentioned contract extension. The Finance Officer's copy is being distributed with carbon of this letter.

Please note on the attached letter from Mr. Wylie M. Gardner that the new consent to lien forms will be forwarded at a later date.

Sincerely yours

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

cc: USBM (2)
Finance Officer

Cal
7-10

WYLIE M. GARDNER, OWNER

BOX 1286

SUCCESS LEASE

WALLACE, IDAHO

June 30, 1953.

DMEA

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region 11
So. 157 Howard St.
Spokane 4, Wash.

Re: Docket No. DMA-1959
(Lead - Zinc)
Hoodoo Mines
Custer County, Idaho.
Contract No. Idm-8223

Dear Mr. Weissenborn:

We wish to thank you for your fine cooperation in the above matter. You will note that the copies of the consent to lien are not included with signned copies of our contract with the DMEA. We are taking these copies to Challis Idaho with us in order to expedite the signatures of the signner's wives in accordance with your letter of instructions of June 9,1953. We shall forward these forms to your office as soon as they are completed.

Yours very truly,

Hoodoo Mines,

by

Wylie M. Gardner

Wylie M. Gardner

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
XXXXXXXXXXXXXXXXXXXX
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

June 9, 1953

Mr. Wylie Gardner
Box 1286
Wallace, Idaho

Re: Docket No. DMA-1959 (Lead-Zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-E223

Dear Mr. Gardner:

Please find enclosed the original and five copies of an amended contract to provide crosscutting and drifting at the Hoodoo Claims. If the contract is satisfactory, please sign all copies, retain the one marked "Operator's Copy" and return the rest to this office. Further, the Consent to Lien forms must bear the signatures of the signers' wives if these parties are married; or if they are single, please so state.

Yours very truly

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: DMEA (2)
USBM (2)
Kiilsgaard

DMEA

RGriswold/bjl
3669 4058

June 5, 1953

[illegible] Weissenborn, Executive Officer, DMEA Field Team, Region II, Spokane Washington

Re phone inquiry by Killeen of June 4. Contract for Polaris Mining Company, Docket DMEA-2879 and Amended Contract Woodin Mines, DMEA-1959, mailed to Field for signature June 3. Linton Mines, Docket DMEA-208, now being processed.

Chairman, Operating Committee

Copy to: Docket
Admr. D. File
Op. Committee
Base Metals Div.
Mr. Bishop
Mr. Kinkel
Chron

FILE COPY
SURNAME:
500

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

JUN 3 1953

Mr. G. E. Weissenborn, Executive Officer
DMA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-1959 (Lead-Zinc)
Woodoo Mines
Custer County, Idaho
Contract No. Idm-5223

Dear Mr. Weissenborn:

Enclosed are the original and five copies of an amended exploration project contract with the above-named company which have been signed by the Government.

Your attention is called to the enclosed copy of a memorandum from our Chief Counsel relative to the necessity of additional signatures to "Owner's Consent to Lien".

If the contract meets with your approval, please present it to the Operator for his approval and signature, and when completed distribute it in the usual manner. In the event that the contract is not satisfactory, return all copies accompanied by your recommendations concerning any modifications.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures 7

WRGriswold/hmj
(5/1/53)
CC to: Docket
Op. Committee
Adm. R. File
Base Metals Division
Mr. Kinkel
Mr. Bishop
Chron.

APPROVED:

J. H. Hedges

Member, Bureau of Mines

A. R. Kinkel, Jr.

Member, Geological Survey

FILE COPY
SURNAME:

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

WRGriswold
ext. 3669

Department of the Interior

Defense Minerals Exploration
Administration
Interior Working Fund
13X3923

Dmea 1959

June 2, 1953

DAY LETTER

KYLIE M. GARDNER
BOX 1286
WALLACE, IDAHO

REOURTEL MAY 20 DENYING YOUR AMENDMENT TO CONTRACT NUMBER IDM-E229, THIS IS TO ADVISE YOU THAT RESTRICTED PROGRAM DIRECTIVE DATED APRIL 15 MODIFIED ON JUNE 1 GIVING DMEA AUTHORITY TO EXECUTE YOUR CONTRACT WHICH WAS PENDING PRIOR TO DATE REFTEL. ACCORDINGLY AMENDED CONTRACT WILL BE SIGNED BY ME AND MAILED TO REGIONAL OFFICE AT SPOKANE FOR SUBMISSION TO YOU.

C. O. Mittendorf

C. O. MITTENDORF, ADMINISTRATOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

WRGriswold/hmj
(6/2/53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals Div.
Region II (2)
Mr. Kinkel
Mr. Bishop
Chron.

FILE COPY
SURNAME:
500

Chamlin

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

June 2, 1953

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Amended Contract, Docket MIA-1959
Hoodoo Mines, (Lead-Zinc)
Contract No. Idm-E223

Under the initial contract work of diamond drilling from the surface had indicated an ore zone at least 400 feet long and with a depth of at least 400 feet below the highest point of the outcrop.

Drill sample assays showed variable results — from 0 to 15 percent zinc. In general the project is considered as attractive. The apparent ore zone shows a width up to 15 feet and it is believed that underground work is likely to encounter lead mineralization in addition to the zinc.

350 feet of crosscutting and 500 feet of drifting are contemplated.

W. R. Griswold

W. R. Griswold

Attachment

WRGriswold/hmj
5/1/53
CC to: Docket
Op. Committee
Base Metals
Chron.

[illegible] Lincoln
[illegible] 1063

[illegible]partment of the Interior

[illegible] [illegible]ration
[illegible]ration
14 39.3-970 [illegible]orking [illegible] and
Interior

May 20, 1953

Day Letter

[illegible]
[illegible] 1286
[illegible] 20, 1953

[illegible] [illegible] IDR-
223 [illegible] [illegible] EFFECTIVE
[illegible] 15, 1953 [illegible]

[illegible]

C. O. Mittendorf

[illegible]

McGriswold/hmj (5/20/53)
CC to: Docket
Adm. A. File
Op. Committee
Base Metals Div.
Region II (2)
Mr. Kinkel
Mr. Bishop
Chron.

500

FILE COPY
SURNAME:

Griswold
Wallace
Martin
F. Johnson
Hedges
Thayer
Martin

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

MAY 14 1953

Mr. Rylie M. Gardner, Partner
Hoodoo Mines
Box 1286
Wallace, Idaho

Re: Docket No. DMA 1959 (Lead-Zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Idm-5223

Dear Mr. Gardner:

Transmitted herewith is a "Certification of Discovery or Development" related to the Contract No. Idm-5223 on the subject mine.

By the terms of the Exploration Project Contract and of the Certification, all production from the property described in the contract, after January 24, 1952, the date of the contract, is subject to the Government's percentage royalty as set forth in the said contract until such sums as the Government may advance as its participating interest have been repaid or until January 24, 1962.

Payments should be made to Mr. A. G. Weissenborn, Executive Officer, DMA Field Team, Region II, South 157 Howard Street, Spokane 8, Washington. Checks should be drawn in favor of the Treasurer of the United States. The purchaser should be advised to deduct the royalties from the amount due on each shipment and forward the checks to the Executive Officer.

Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets, showing quantity and grade of the products sold, the name of the purchaser and the price and charges, certified to be correct by the purchaser.

You are requested to notify Mr. Weissenborn of any changes in ownership or production rights that might affect the Government's right to its percentage royalty. Also, if production ceases at any time for an extended period, please notify Mr. Weissenborn at six-month intervals that such is the case.

WRGriswold/hmj (5/6/53)
CC to Docket
Cont. Admin & Audit Div.
Region II (2)
Russell Forbes, Act. Adm. DMPA
Adm. R. File
Op. Committee

Sincerely yours,

C. O. Mittendorf
Administrator

fw

A.N.
5-14-53

Enclosure Mr. Hedges, Rm 4604
Mr. F. E. Johnson
Mr. Thayer, 5216, GSA Bldg.
Mr. W. R. Griswold

Chron

FILE COPY
SURNAME:
500

Griswold
Ostrom
Martin
Chandler
F. E. Johnson
Hedges
Martin

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

MAY 14 1953

Mr. Russell Forbes, Acting Administrator
Defense Materials Procurement Agency
General Services Administration Building
Washington 25, D. C.

Re: Docket No. MA-1959 (Lead-Zinc)
Hoodoo Mines
Custer County, Idaho
Contract No. Adm-1223

My dear Mr. Forbes:

Enclosed is one copy each of a "Certification of Discovery or Development" related to Exploration Project Contract No. Adm-1223.

The contract was dated January 24, 1952, with the Government participating to the extent of 50 per cent in an exploration project estimated to cost $14,000.00. Of such amount $9,429.30 had been expended, the Government's share being $4,714.65 as of December 1, 1952.

The total program of work done on the project consisted of 1,632 feet of diamond drilling.

The discovery may be described as zinc ores occurring in a wide vein, over a length of at least 400 feet and a vertical range of at least 400 feet in extent.

The final Field Team report, with an estimate of the ore reserve, has not yet been received. A copy of this report will be sent you when it is received by this office.

Sincerely yours,

C. O. Mittendorf

Administrator

WRGriswold/jmj
(5/6/53)

CC to: Docket
Cont. Admin. & Audit Div.
Region II (2)
Base Metals Division
Adm. R. File
Op. Committee
Mr. Hedges, Rm 4604
Mr. Thayer, Rm 5216, GSA Bldg.
Mr. Griswold
Chron.
Frank E. Johnson

Enclosure

F.N.
5-14-53

FILE COPY
SURNAME:
500

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

MAY 14 1953

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Certification, Docket No. MA 1959 (Lead-Zinc)
Hoodoo Mines, Custer County, Idaho
Contract No. Idm-8223

The Exploration Project Contract was executed January 24, 1952, with a total cost of $14,000.00. Final audit total of approved expenditures have not yet been received, but will probably be $9,429.30.

The contract provided for 3,000 feet of diamond drilling of which 1,632 feet were actually done.

As a result of such work zinc ores of various grade (up to a maximum of 15 percent) were indicated, occurring in a wide vein over a total minimum length of 400 feet (probably much longer) and to at least a depth of 400 feet below the highest point of outcrop.

No ore reserve estimates can be calculated until final Field Reports are received.

W. R. Griswold

W. R. Griswold

Attachments

WRGriswold/hmj
(5/5/53)
CC to: Docket
Op. Committee
Base Metals
Mr. Chambers
Mr. Griswold
Chron.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 18 1953

1201 N. Division St.
Spokane 2, Washington
May 12, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: E. G. Erickson, Mining Engineer, Bureau of Mines

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

Mr. Wylie M. Gardner, one of the partners under the contract, was contacted April 28, 1953 in the presence of Mr. Doyle of the Bres Machinery Co. regarding disposition of jointly-owned equipment.

The major items of equipment were: 1 air and 1 water hose, 6" and 8" sheave wheel (blocks), 100 feet 3/8" cable, 500 feet of 1" pipe, 2 sludge boxes, 2 10-ft. core barrels, 1 5-ft. core barrel, and other sundry small items. The total new cost approximated $400.00.

Mr. Doyle stated he would not consider buying any of the items except the 500 feet of pipe (new cost - $83.08) and said he could afford to bid only a few cents a foot for it due to the small amount and the handling cost that would be necessary to dispose of it.

Most of the items, with the exception of the pipe, have a questionable resale value, and for this reason it was considered in the best interest of the Government to lump all the items to dispose of them. Mr. Gardner was asked to submit a bid for the Government's total equity.

In a letter dated April 30, 1953, Mr. Gardner made an offer of $100.00 for the Government's equity in the jointly-owned equipment. This offer is considered to be more than any outside party could afford to bid; therefore, it is recommended that his bid be accepted.

E. G. Erickson

E. G. Erickson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
AD
EGE/he

Received
Betty

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

1201 N. Division St.
Spokane 2, Washington
May 12, 1953

Mr. Wylie M. Gardner
Hoodoo Mines
Box 1286
Wallace, Idaho

Subject: Docket No. DMEA 1959 (zinc-Lead)
Contract Idm-E223
Disposal of small tools and supplies

Dear Mr. Gardner:

This is in reply to your letter of April 30, 1952, to Mr. Howard, in which you offer $100 for the Government's interest in certain small tools and supplies purchased under the subject contract. This offer is acceptable to the Government.

We regret that we have had no information from the Washington, D. C. office regarding the proposed amendment to the contract. If we do not hear within the next few days we intend to wire for the information.

Sincerely yours,

M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

cc: Certifying Officer
C. A. Turner, DMEA Auditor
DMEA, Wash. (2)
USGS (2)

FILE COPY
SURNAME:

140

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

KANE
Rubin

April 30, 1953

Memorandum

To: Chief, Base Metals Division

From: Chief Counsel M.S. in K.K.

Subject: Amended Contract, Hoodoo Mines, Docket No. DMA-1959, Contract No. Idm-E223

There is attached, in satisfactory legal form for execution, a contract covering the above-described project, subject to the Owner's Consent to Lien being signed by the wives of the present signers thereof.

/s/ AEKane
for J. L. Hofflund
Chief Counsel

Attachments

AEKane/ema
cc: Mails & Files
J. L. Hofflund
A. E. Kane
Chron.

FILE COPY
SURNAME:

500

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

April 24, 1953

Memorandum

To: Chief Counsel

From: Chief, Base Metals Division

Subject: Amended Contract, Doodoo Mines, Docket No. WMA-1959, Contract No. Idm-E223.

As approved by the Field Team and Commodity men, also by this office, the proposed Amended Contract would be as indicated on the attached draft of Exhibit "A".

W. P. Griswold

Attachments

N.S. in R.R.

WRGriswold/bjl

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Chron.

HOODOO MINES
Custer County, Idaho
Docket No. 1959X (zinc-lead)

Exploration Project Contract (Amended)

EXHIBIT "A"

Description of the Additional Work

The object of the additional work is to explore at depth a mineralized zone indicated by diamond drilling done under the original contract. The additional work shall consist of:

(1) Crosscut (7x5 feet in the clear) approximately 350 feet to intersect the vein as indicated on the attached map.

(2) Drift (7x5 feet in the clear) approximately 500 feet on the vein.

The location, direction and extent of all work is subject to the approval of the Government engineers.

Estimated Costs of the Project

*Indicates allowable maximum

Agreed Unit Costs

850 feet of drifting and crosscutting @ $35/ft. $29,750.00

The Government will contribute to the costs of the drifting and crosscutting on the basis of these agreed unit costs per foot, as they accrue, for units of work actually performed, in lieu of actual costs. These agreed unit costs include all costs of the work, except the items estimated below, to the cost of which the Government will contribute on the basis of actual costs as specified in Article 6(a) of the contract form,

Estimated Actual Costs

(4) Operating Equipment
To be purchased

4 side dump mine cars @ $400/ea.	$1,600.00
2 Atlas rock drills @ $700/ea.	1,400.00
1 Ventilation fan with 5 HP engine	200.00
1 30" chain saw	300.00
	$3,500.00*

(6) New buildings, improvements, installations
Improve part of present road and construct new section as shown on attached map $3,000.00* 1/

1/ Includes all costs of labor, supplies, equipment rental and all other costs of the work.

(7) Miscellaneous
Assaying 300.00

Estimated total cost of additional work $36,550.00

SUMMARY

Estimated cost of additional work	$36,550.00
Estimated cost of work under prior contract	9,700.00
Estimated total cost of project	$45,250.00
Government's participation @ 50%	$22,625.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

April 16, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 20 1953

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

Re: Docket No. DMEA-1959 (Lead-Zinc)
Hoodoo Mines
Custer County, Idaho
Contract Idm-E223

Dear Mr. Selfridge:

Reference is made to a letter from the Field Team, dated March 19, 1953, which accompanied a request from the Operator for additional contract funds. In that letter it was stated that the Operator had recently staked adjoining claims in which other parties were interested and that he had been asked to secure the necessary signed Consent to Lien Agreements for the affected claims.

These agreements have been received and are believed to be in order; they are enclosed herewith.

Sincerely yours,

Thor H. Kiilsgaard

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

Enclosure

cc: USBM (2)
Kiilsgaard

IN REPLY REFER TO:

Griswold
Betty

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

April 7, 1953

Memorandum

Re: IMEA-1959
Hoodoo Mine
Custer County, Idaho
Proposed Amendment -
Contract - E-223
$36,550

To: Mr. W. R. Griswold

From: E. L. Newcomb

Subject: Recommendation for approval

The applicant requests additional funds to crosscut and drift 850 feet to further explore a zone of zinc mineralization which has been indicated by diamond drilling.

The field team recommends the proposed work for approval.

Drill holes 4, 10, 11, and 12 cut 1.5-20 feet of zinc mineralization. These holes confirm the existence of an ore zone at least 400 feet long and 400 feet deep at the highest point of the vein outcrop. According to the field team, assays range from nil to 15% zinc. Although assays and assay widths were not submitted, the drill logs confirm that significant mineralization was cut in holes 4, 10, 11, and 12.

Sufficient drilling has been done to indicate that a second stage of exploration is warranted. The location of the proposed underground work has been very efficiently planned.

We concur with the field team's recommendation for approval of the proposed amendment.

E. L. Newcomb
E. L. Newcomb
Geologist

O. M. Bishop
O. M. Bishop
Base Metals Branch

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

March 19, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 27 1953

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

Re: Docket No. DMEA-1959 (Lead-zinc)
Hoodoo Mines
Custer County, Idaho
Contract Idm-E223

Dear Mr. Selfridge:

This letter will reply to a letter from your office dated March 11, 1953 concerning the subject contract. It also accompanies an application made by the Operator to increase the extent of the present contract.

The following are enclosed:

1. Four copies of a letter from the Operator dated February 25, 1953 requesting additional DMEA assistance. Accompanying the request are maps and sections showing where the proposed additional work is to be done and a breakdown of the estimated costs.

2. Six copies of a proposed Exhibit "A" with attached map, to be incorporated into the proposed amended contract, by T. E. Howard, USBM.

3. Four copies of a memorandum and map from Thor Kiilsgaard, U. S. G. S., recommending the proposed additional exploration work.

Perusal of the plan map accompanying the Operator's letter will reveal that DMEA diamond drill holes 5 and 6 were drilled on property not covered in the subject contract. The location of these holes was called to the Operator's attention last summer, and at that

time he agreed to stake additional claims and to notify us so that we could make the necessary contract amendment. However, the Operator delayed in submitting the location of these claims until the present time, until he could submit both the claim locations and his request for additional work. In a recent telephone conversation we have asked the Operator to make all Hoodoo claims applicable to contract terms. It was pointed out that the property as an entirety would benefit from exploration results, and therefore all claims should be listed on the contract. The Operator agreed to this proposal and also agreed to secure consent to lien agreements on recently staked claims in which other parties are believed to have an interest. The description of the affected property and the lien agreements will be forwarded to Washington, D. C. , upon receipt.

The Field Team recommends that the Operator's proposal be given favorable consideration and that additional funds be made allowable to do the proposed work. It is also recommended that the present contract be extended so that the completion date will be two years from the date of the contract.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
(Geological Survey)

M. E. Volin

M. E. Volin, Member
(Bureau of Mines)

cc: USBM (2)
Kiilsgaard

Hoodoo Mines
P. O. Box 1286
Wallace Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 27 1953

February 25, 1953

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

Re: Docket No. DMA 1959
Hoodoo Mines

Dear Mr. Howard:

The enclosed plan maps show the location of diamond drill holes drilled on the Hoodoo Mines property during the last two summers. One principal ore zone has been established which shows considerable length and an attractive grade of ore. The longitudinal projection shows the depth at which the drill holes crossed the ore body.

We are of the opinion that the information we now have is sufficient to justify an underground exploration project, and wish to apply for additional DMEA assistance for that purpose.

The proposal that we wish to submit is that of a crosscut (marked "B" on map) between 325 and 350 feet in length, and a drift on the ore for a distance of 500 feet, more or less, if our results justify such length. The total maximum distance to be 850 feet for crosscut and drift combined.

The only other possible plan would be to crosscut from the Slate Creek level, or 7120 ft. elevation (marked "C" on plan map.) This second plan would provide an all year working tunnel, but would necessitate a 2600 ft. crosscut. We do not think this more extensive project is justified until we have more information on the extent and grade of ore and more geologic data on the type and possible extent of the ore body.

On a separate sheet I have tabulated our estimate of the cost of the project. We plan to rent three items of heavy equipment, and have been quoted these rental figures by equipment dealers. The prices on other equipment and supplies are those in effect locally at this time.

For labor we expect to have two men underground on a contract basis, and one man on the surface to keep the dump in shape, care for the compressor, cut or frame timbers when needed, and be a relief man for the underground crew. The supervisor will also do the engineering, sampling, and accounting.

The total of $33,696.00 for the underground project sounds rather high, but when it is known that there is no equipment or installation of any kind on the ground to be used, and that everything has to be secured and transported

into that district, some of the higher costs can be understood. Also, many of the items, such as preparing the site, and getting the tunnel started and into solid rock, will cost as much for this project as for one many times as long. Based on this total, the estimated cost per foot is $39.64. Since this allows nothing for unforseen difficulties, repairs, or additional supplies, equipment, and labor; the actual cost could easily exceed $40.00 per foot. We are willing to assume the risk of any additional expense if the project could be allowed on the basis of $40.00 per foot. If so approved, we also request that it be set up on a unit basis if possible. This would greatly simplify the keeping of our records, and minimize our need for the services of a public accountant.

The proposal to improve part of the present road and to construct a new section is almost a necessity. We built the present road to give access to the property for diamond drilling. In places it is too steep, and has a number of very sharp switch-backs, and can be traveled only by a jeep pickup or other small vehicle. It served well enough during the drilling period when the largest unit to be moved weighed less than a ton, but is most inadequate for the transportation of heavy equipment to the tunnel site. The proposed new section of road would eliminate all but one switch-back, and reduce the grade to a maximum of 15%. The part of the present road to be retained could easily be improved to accommodate any size or type of truck. Of the 800 feet of new road at least 200 feet would be through solid rock, and more rock might be encountered so near the surface that additional drilling and blasting would be necessary. It is very difficult to make an estimate under such conditions, but judging from our experience in building the present road, $3,000.00 should not fall too much below the necessary amount.

Please accept this letter as an application for additional assistance for underground exploration of the Hoodoo Mines property near Clayton, Idaho. If I could add to this information or explain any part of it, I should be glad to come to Spokane to discuss it with you.

Yours truly,

Hoodoo Mines

L. R. Vance

L. R. Vance

Hoodoo Mines
P. O. Box 1286
Wallace Idaho

HOODOO TUNNEL PROPOSAL: Estimated costs of proposed Crosscuss "B" on sketch map, 320 ft. in length, more or less; and 530 ft. of drift, more or less, along ore zone indicated by diamond drill holes. Total 850 Ft.

EQUIPMENT, RENTAL BASIS FOR 6 MONTHS:		
315 cu/ft diesel compressor @ 425.00/mo.	$2,550.00	
Eimco 12B mucker @ 300.00/mo.	1,800.00	
Diesel trammer @ 400.00/mo.	2,400.00	
		$6,750.00
EQUIPMENT, PURCHASE:		
4 side dump mine cars @ 400.00	1,600.00	
2 Atlas rock drills @ 700.00	1,400.00	
1 Ventilation fan with 5 HP engine	200.00	
1 30" chain saw	300.00	
		3,500.00
SUPPLIES:		
6 tons 20# rail @ 100.00	600.00	
2 switches complete @ 75.00	150.00	
1000' 2" Victaulic pipe	500.00	
1500' 1" pipe	300.00	
7 tons blasting powder @ 420.00 = 16⅝ dol/ft.	2,940.00	
10 reels fuse 320.00, 5 cartons caps 105.00	425.00	
56 pcs (Atlas) drill steel	1,060.00	
700' ventilation pipe @ 1.00	700.00	
4500 gal. diesel fuel @ .17	765.00	
Miscellaneous oils and greases	150.00	
Air and water hose, fittings, etc.	200.00	
Mine timbers (50' at portal)	500.00	
Track ties 400 @ .40	160.00	
Miscellaneous small tools	50.00	
		8,500.00
LABOR:		
50' @ 12.00/ft. (timbering at portal)	600.00	
800' @ 8.00	6,400.00	
Surface labor, 150 shifts @ 12.50	1,875.00	
Supervision and engineering @ 500.00	3,000.00	
Compensation insurance	768.00	
Social Security taxes	503.00	
		13,146.00
OTHER EXPENSE:		
Clearing roads, preparing portal site	200.00	
Estimated freight on equipment and supplies	800.00	
Assaying	300.00	
Transportation and travel expense	500.00	
		1,800.00
Estimated cost of underground project TOTAL		$33,696.00

$2250
1125 ft.
Contract $39.47/ft.
3964
39.47
.17 drift
for $1.32/ft. for installation on pipe, track, etc.

Hoodoo Mines
P. O. Box 1286
Wallace Idaho

HOODOO TUNNEL PROPOSAL (Continued):

ROAD PROJECT: To improve part of present road and construct new section as shown on sketch map

Estimated 200' rockwork @ 10.00/ft.	$2,000.00	
Estimated additional use of dozer	1,000.00	
Total road project		$3,000.00

Hoodoo Tunnel	$33,696.00
Road Project	3,000.00
Total	$36,696.00

HOODOO MINES
Custer County, Idaho
Docket No. 1999X (zinc-lead)

Exploration Project Contract (Amended)

EXHIBIT "A"

Description of the Additional Work

The object of the additional work is to explore at depth a mineralized zone indicated by diamond drilling done under the original contract. The additional work shall consist of:

(1) Crosscut (7x5 feet in the clear) approximately 350 feet to intersect the vein as indicated on the attached map.

(2) Drift (7x5 feet in the clear) approximately 500 feet on the vein.

The location, direction and extent of all work is subject to the approval of the Government engineers.

Estimated Costs of the Project

*Indicates allowable maximum

Agreed Unit Costs

850 feet of drifting and crosscutting @ $35/ft. $29,750.00

The Government will contribute to the costs of the drifting and crosscutting on the basis of these agreed unit costs per foot, as they accrue, for units of work actually performed, in lieu of actual costs. These agreed unit costs include all costs of the work, except the items estimated below, to the cost of which the Government will contribute on the basis of actual costs as specified in Article 6(a) of the contract form.

Estimated Actual Costs

(4) Operating Equipment
To be purchased

4 side dump mine cars @ $400/ea.	$1,600.00
2 Atlas rock drills @ $700/ea.	1,400.00
1 Ventilation fan with 5 HP engine	500.00
1 30" chain saw	100.00
	$3,500.00*

(6) New buildings, improvements, installations
Improve part of present road and construct new section as shown on attached map $3,000.00* 1/

1/ Includes all costs of labor, supplies, equipment rental and all other costs of the work.

(7) Miscellaneous
Assaying 300.00

Estimated total cost of additional work $36,550.00

SUMMARY

Estimated cost of additional work	$36,550.00
Estimated cost of work under prior contract	9,700.00
Estimated total cost of project	$45,250.00
Government's participation @ 50%	$22,625.00

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
MAR 27 1953

March 18, 1953

Memorandum

To: DMEA Field Team, Region II

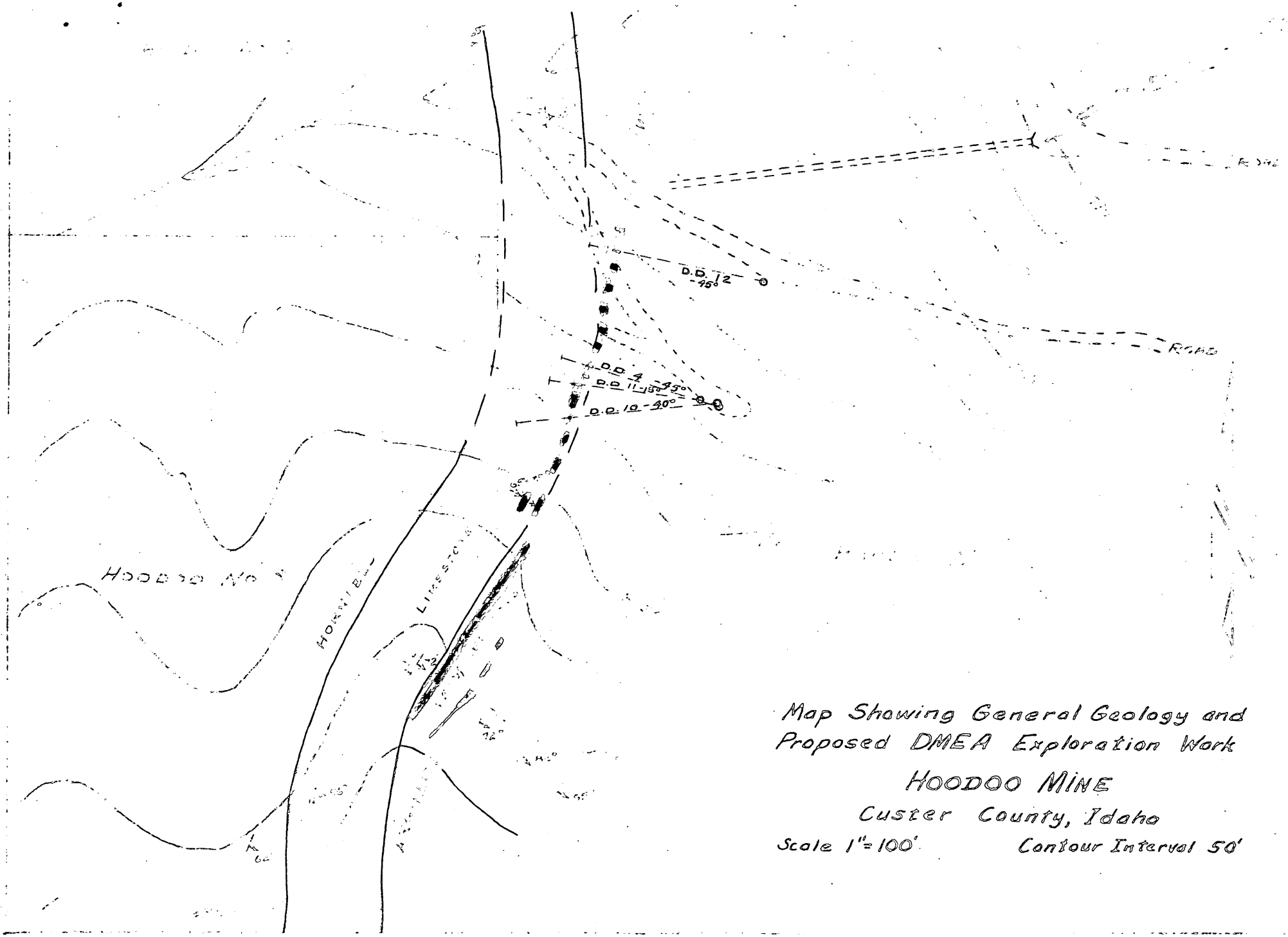
From: Thor Kiilsgaard, Geologist, U. S. Geological Survey

Subject: Contract Idm-E223, Request to increase Hoodoo mine contract to include exploration from an adit level.

Mr. L. R. Vance, a partner in the Hoodoo contract, has submitted a request to extend the subject contract to allow for adit level exploration of the sphalerite-bearing vein which has been tested by the diamond drilling done under terms of Contract Idm-E223. Mr. Vance proposes to locate the adit in such a position that it will reach the vein with about 350 feet of crosscut and at an elevation about 90 feet below the point where the No. 12 diamond drill hole intersected the vein.

Mr. Vance's proposal is technically sound. The site he has selected for proposed crosscut "B" is the most logical place on the Hoodoo property from which to conduct relatively shallow underground exploration. The most difficult problem he will probably encountere will be the transportation of men and supplies from the Slate Creek road to the adit portal; however, this problem should be lessened by the road improvement which he proposes to do. The vein, which is to be the exploration target, has been explored on the outcrop and by diamond drilling for a total strike distance of about 400 feet and to a depth of about 400 feet below the highest point on the outcrop. Near the 8,150 contour, where the vein is exposed in a cliff face, two bands of mineralization aggregate a total thickness of about 12 feet. Mineralization found in diamond drill holes No's. 10, 11, 12, and 4 has ranged from 18 inches up to an aggregate length of almost 20 feet, thus there is ample evidence that the vein is strong and persistent. Assay values of the ore have ranged from nil to 15 percent zinc. One detracting feature is that the mineralization found thus far has been almost entirely sphalerite which would mean that the potential ore within the vein might not be of too much economic value. It would be most unusual, however, for a vein in such a geologic setting not to contain appreciable lead and silver, and it is to be expected that quantities of these minerals will be found by continued exploration. In any event it is believed that the vein warrants further exploration and that the method proposed by Mr. Vance, to drive the proposed "B" crosscut, is logical and most certainly warrants Government participation.

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



Map Showing General Geology and Proposed DMEA Exploration Work

HOODOO MINE

Custer County, Idaho

Scale 1" = 100' Contour Interval 50'

CONTRACT IdM - E-223

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

1201 N. Division St.
Spokane 2, Washington
March 19, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 24 1953

Mr. Wylie M. Gardner
Box 1286
Wallace, Idaho

Subject: Docket No. DMEA 1959 (zinc-lead)
Contract No. Idm-E223
Consent to Lien

Dear Mr. Gardner:

The completed consent to lien forms recently submitted to this office are not acceptable and are returned herewith.

Evidently you misunderstood Mr. Howard's telephoned instructions regarding the completion of these forms. A consent to lien is not necessary for claims owned by the Hoodoo Mines partnership. A new consent to lien will be required to cover all claims owned by the Fishers and Black and leased by Hoodoo Mines as the original subordination agreement covered only the six original Hoodoo claims. The forms must be signed by all the owners of these claims.

Another set of blank form MF-203 is enclosed for your convenience.

Sincerely yours,

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

Enclosure

cc: DMEA, Wash. (2)
USGS (2)
DMEA
VZJ
df

TEH/he

FILE COPY
SURNAME:

500

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

Griswold
Selfridge

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

MAR 1 1 1953

J. C. 3/11/53

Re: Docket No. DMEA-1959 (zinc-lead)
Hoodoo Mines (Wylie K. Gardner)
Custer County, Idaho
Contract No. Idm-X223

Dear Mr. Weissenborn:

Referring to the subject contract, the letter of Mr. Thomas T. Howard of December 29, 1952, to the Operator, discusses the final audit and final report to be made up on this project.

Since the project is one upon which certification may be in order, would you kindly advise us as to its present status and your recommendations.

Sincerely yours,

George C. Selfridge (2/B)

Chairman, Operating Committee

WRGriswold/bjl (written 3/9/53)

APPROVED:

J. H. Hedges (2/B)

Member, Bureau of Mines

D. M. Lemmon (2/B)

Member, Geological Survey

Copy to: Docket
Admr. R. File
Base Metals
Mr. Griswold
Mr. Kinkel
Mr. Bishop
Chron.

1201 North Division Street
Spokane 2, Washington
December 29, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
1953

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

Subject: Hoodoo Mines, Docket No. 1959X,
Contract Idm-E223

Dear Mr. Gardner:

Original invoices submitted to support gasoline purchases made under the subject contract are returned herewith as you requested in your November progress report. All other gasoline invoices in our file are copies and have been retained as it is assumed they would be of no value to you. Please return to us certified copies of these invoices as they are required for our file.

Your monthly operating report for November 1952 has been received and audited. However, we are obliged to delay final settlement under the contract pending receipt of your final report and a final audit of your account by representatives of the Contract and Audit Division, Defense Minerals Exploration Administration. Auditors of this division will contact you in the near future to arrange a time and place for the audit.

Yours very truly,

Thomas E. Howard
Chief DMEA Section
Bureau of Mines, Region II

cc:
DF
DMEA
AD
USGS (2)
WASH (2)

1959

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

October 8, 1952

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Discussion with Mr. Vance, engineer-operator, Hoodoo Mines, Custer County, Idaho, Contract Idm-E223, Docket No. DMEA 1959 (zinc-lead)

Mr. Vance was contacted by Bureau of Mines engineers, H. T. Reno and V. Z. Johnson, at his quarters, Terrell Cabins, on Route 93 at 5:00 P.M. on October 2, 1952. The discussion indicated that Mr. Vance needed to review circumstances with his partner, Wylie Gardner, before expressing a desire to continue or discontinue the exploration project.

Mr. Vance express disappointment at the indications provided by diamond drilling - so far, cores for the greater part have been barren of ore. He anticipated a visit by Mr. Thor Kiilsgaard, geologist, USGS, to provide technical consultation for the most feasible program.

V Z Johnson
V. Z. Johnson

Orig. & 3—Wash.
USGS (2)
DMEA
M/D
VZJ

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

1201 N. Division St.
Spokane 2, Washington
September 23, 1952

Mr. Wylie M. Gardner
Wallace, Idaho

Subject: August 1952 invoice
Contract Idm-E223
Docket No. 1959X (zinc-lead)
Hoodoo Mines, Custer County, Idaho

Dear Mr. Gardner:

The subject invoice has been received and approved for vouchering; however, the narrative submitted is not considered adequate and future invoices cannot be approved unless they are accompanied by proper narratives and maps.

In addition to cost data and tabulation of drill hole data, the narrative should indicate the assay information obtained from each hole. If possible, drill logs should be submitted. Maps showing the location of holes in relation to surface outcrops, depth and inclination of each hole and any other pertinent technical data must also be submitted.

Sincerely yours,

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

TEH/MEV/he

cc: DMEA, Wash (2)
USGS (2)
DMEA & AD
DF
HTR

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

So. 157 Howard Street
Spokane 4, Washington

August 22, 1952

Mr. F. E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Contract No. Idm-E223, Wylie M. Gardner and L. R. Vance, partners, Hoodoo Mines, Clayton, Idaho, Docket DMEA 1959X, Zinc-Lead.

Dear Mr. Johnson:

Attached are the original and two copies of Amendment No. 2 to the subject contract.

The necessity for this amendment is adequately discussed in the attached inspection report dated August 19 by Mr. T. E. Howard, U. S. Bureau of Mines.

Sincerely yours,

A. E. Weissenborn, T.H.K.
A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure (as above)

cc: USBM (2) w/ 2 encls.
T. Kiilsgaard w/o encl.
Regional Fiscal Officer
Albany, Oregon w/1 encl.

RECEIVED
SEP 5 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

SDG
9-9-52

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

April 15, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Sir:

Enclosed are three copies each of the following amendments:

No. 1 -- Hoodoo Mines, Contract Idm-E223 (DMEA-1959, Lead, Zinc)
No. 1 -- West Slope Mining, Contract Idm-E249 (DMEA-2267-Tungsten)

Both amendments were required to delay the starting dates of the projects.

Sincerely yours,

K H Gray

Kathryn Gray
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

March 18, 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Hoodoo Mines
Custer County, Idaho
Contract Idm-E223

Dear Sir:

Enclosed are four signed copies of the subject contract.

Additional copies have been retained by the Operator and by the Field Team.

Sincerely yours,

K. H. Gray

Kathryn Gray
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 21 1952

FILE COPY
SURNAME:

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

Frank E. Johnson, Chm. Operating Comm.

DMEA

1420137 Salaries and Expenses, Defense Production Activities, Interior, 1952.

February 4, 1952

A.E. WEISSENBORN, EX OFFICIO OFFICER
DMEA FIELD TEAM, REGION IV
SPOKANE, WASHINGTON

REURTEL JANUARY 29, 1952, EFFECTIVE DATE CONTRACT IDM-E223 HOODOO MINES IS JANUARY 24, 1952.

cc 2/4/52

Frank E. Johnson
Chairman, Operating Committee

FEJOHNSON/hb

Copy to: Adm. Reading File
DMEA Docket File ✓
Operating Committee File
Frank E. Johnson

5 K

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 29 1952

DMA-1959

244 WA SP /I-GS-G/

SPOKANE, WASH 1-29-52 849

FRANK E. JOHNSON, CHAIRMAN

OPERATING COMMITTEE

DMEA, BOM,

WA

CONTRACT IDM-E223 HOODOO MINES RECEIVED HERE BUT WITHOUT EFFECTIVE DATE. PLEASE WIRE DATE IMMEDIATELY.

A E WEISSENBORN, ADMIN GEOLOGIST, USGS, SP

I

CORRN - 7TH WD LINE ONE SHD READ BUT, RPT BUT

IDM-E223

EC 850

JAN 29 1 00 PM '52
BUREAU OF MINES
MAIL ROOM
WASHINGTON, D.C.

Docket File Copy

FILE COPY
SURNAME:

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

Moulds

JAN 24 1952

Mr. A. R. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA 19597
Contract Ida-2223
Hoodoo Mines, Clayton, Idaho

Dear Mr. Weissenborn:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by this office for the Government with register number and effective date as shown.

The project has been approved only for the drilling, as the drifting proposal does not appear to be substantiated by the widely scattered ore occurrences presented on the Field Team's map. It is therefore believed that further exploration cannot be definitely presented as a project until the drilling has been accomplished.

If the contract meets with your approval for starting the work subject, of course, to any later required amendment, present it to the two partners for approval and signature in the customary manner with the original and three copies returned to this office.

Sincerely yours,

~~C. O. Mittendorf~~

(signed) FRANK E. JOHNSON NB

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures - 6

APPROVED:

J. H. Hedges, DMA

Member, Bureau of Mines NB

/s/ J. P. Thayer

Member, Geological Survey NB

DEHoulds/hmj
1-22-52

S.N.
1-24-52

cc to: Adm. Reading File
Docket File Copy
Mr. Bishop
Mr. McKnight
Mr. Moulds
Region II

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

January 16, 1952

Memorandum

To: ~~Director, Production Expansion Division~~ Acting Administrator

From: Chief Counsel

Subject: Wylie M. Gardner and L. R. Vance exploration contract (doing business as the Hoodoo Mines) — Docket No. DMEA-1959X

The new draft of the Exploration Project Contract in this case, submitted to us on January 4, 1952 because of the elimination from the project as described in the original drafts commented upon by us in our memorandums of November 30 and December 4, 1951 of the work designated as Phase II, is approved as to legal form and sufficiency for signature on behalf of the Government, subject to:

1. Proper signature by the applicants.

2. Proper dating prior to delivery.

3. Government approval of all subcontracts.

Your file on the case is returned herewith.

J. L. Hofflund
Chief Counsel

Attachments

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

January 2, 1952

Re: DMA-1959
Hoodoo Mines
Clayton, Idaho
Exploration loan $14,000
Lead, zinc

Memorandum

To: Mr. D. E. Moulds
Base Metals Division

From: Mr. E. L. Newcomb ~~and O. M. Bishop~~
Geological Survey ~~Bureau of Mines~~

Subject: Review of proposed exploration contract

A review of the proposed contract indicates that Stage II, as outlined by the field team, should be deleted. The limited and widely scattered ore occurrences presented on the field team's map do not define the ore body or bodies well enough in advance of further drilling to justify the location and driving of a 3,000 foot tunnel as shown on the field team's map.

I recommend that a contract be approved for only Stage I of the original project, which involves approximately 3,000 feet of diamond drilling. Also, the spotting of holes should be based on the results obtained as the drilling program progresses.

E. L. Newcomb
E. L. Newcomb
Geological Survey

FILE COPY
SURNAME:

Mnl do

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

December 19, 1951

not stripped in R.V.R.

Memorandum

To: Mr. M. T. McKnight
Geological Survey

From: Mr. D. E. Moulds, Acting Chief
Base Metals Division,
Defense Minerals Exploration
Administration

Subject: Hoodoo Mines - Docket No. DMA 1959X

Attached is the complete docket on the subject exploration project which has been returned by the Operating Committee with the request to review the program as set up in the contract and presented by the Region. Your attention is directed to page 6 of the Field Team review.

Kindly send us your recommendation for a program which will be approved by the Operating Committee and by the Field Team for administration, pursuant to Mr. Thayer's discussion with you.

DEMoulds/hmj
12-19-51
cc to: Mails and Files
Mr. Mittendorf
Mr. Moulds
Mr. Bishop
Docket

BL

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

December 14, 1951

Re: DMA-1959
Hoodoo Mines
Clayton, Idaho
IDM-E223
Lead, Zinc

Memorandum

To: Mr. D. E. Moulds
Base Metals Division

From: Mr. E. L. Newcomb
Geological Survey

Subject: Review of proposed contract

The subject docket and a proposed contract have been reviewed.

A revision of the drilling estimate should be made since 640 feet of this phase of the project has already been completed, according to a letter received from the applicant on November 12, 1951. In addition to this subtraction, I now recommend that the contract should include both phases of the project, as outlined in the proposed contract submitted by the field team.

Attachments:

1 Form MF-200
1 Owner assignment
1 Lease
1 Field team report
7 Copies Form MF-103
2 Copies Form MF-100

E. L. Newcomb
E. L. Newcomb
Geologist

FILE COPY
SURNAME:

Moulds

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

December 10, 1951

Memorandum

To: Mr. E. T. McKnight
GSA Room 4204

From: D. E. Moulds

Subject: Docket No. DMA 1959X
Contract Idm-E223
Hoodoo Mines, Clayton, Idaho

The Operating Committee has requested that you review the attached docket and project presented by Field Team under date of September 14, 1951 and reviewed on October 12, 1951.

Please furnish your comment and indicate your recommendation by signed memorandum in duplicate.

D. E. Moulds

Attachments

DEMoulds/meh
cc to: Reports and Records
Mr. Mittendorf
Mr. Moulds
Docket
Chron.

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA 1959X
Contract Ida-1223
Noodoo Mines, Clayton, Idaho

Dear Mr. Weissenborn:

Please find herewith the original and five copies of a contract covering the subject exploration project which have been signed by this office for the Government with register number and effective date as shown.

The project has been set up in two stages with the second stage subject to field approval. Your attention is drawn to the assaying and engineering allowance which is to include the expense of preparing all reports called for in the contract form.

If the contract meets with your approval for starting the work subject, of course, to any later required amendment, present it to the two partners for approval and signature in the customary manner with the original and three copies returned to this office.

Sincerely yours,

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures-6

DMHoulds/mah 12/7/51
cc to: Adm. Reading File
Reports and Records
Mr. Fittendorf
Mr. Moon
Mr. Mote
Mr. McKnight
Mr. Houlds
Region II
Docket

Member, Bureau of Mines

Member, Geological Survey

FILE COPY
SURNAME: Guthrie

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

December 4, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Wylie M. Gardner and L. R. Vance, partners, exploration contract — Docket No. DMA-1959X

The draft of the exploration contract in this case, resubmitted to us on November 30, 1951, meets the objections of our memorandum of November 28, 1951, and is approved as to legal form and sufficiency for signature on behalf of the Government, subject to:

1. Proper signature by the applicants.
2. Proper dating prior to delivery.
3. Government approval of all subcontracts.

Your file on the case is returned herewith.

J. L. Hofflund
J. L. Hofflund
General Counsel

N.S
R+R

Attachment

RRGuthrie/bjl

Copy to: Repts. & Records
J. L. Hofflund
R. R. Guthrie
Chron.

bl

FILE COPY
SURNAME:

Author

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

Hoodoomine

not stripped in R.R.

November 28, 1951

Memorandum

To: Director, Production Expansion Division

From: General Counsel

Subject: Wylie M. Gardner and L. R. Vance, partners, exploration contract — Docket No. DMA-1959X

The proposed exploration contract in this case, submitted to us on November 26, 1951, is approved as to legal form and sufficiency for signature by the Government, subject to:

1. The elimination under "Operating Equipment" in Exhibit "A" of the provision for rental of diamond drilling equipment, if the drilling is to be done by contract. If there is a possibility that the Operator may do his own drilling and the rental of drilling equipment is to be allowed in that contingency, a statement to that effect should accompany the item.

2. Proper signature by the applicants which should be in the form:

"Hoodoo Mines, a partnership

By Wylie M. Gardner
Partner

L. R. Vance
Partner"

3. Change the second paragraph under the heading "Labor and Supervision" in Exhibit "A" to read as follows:

"Labor to perform the crosscut of Step 2 may be employed on the basis of a maximum of $8.00 per foot of advance. Other classifications of labor may be employed, at not more than the rates of pay for such classifications prevailing in the area, if necessary for the performance of the project as outlined in this exhibit, but the aggregate amount to be paid by the Government under this contract shall not thereby be increased over that stipulated in Article 13 thereof."

BL

4. Proper dating prior to delivery.

5. Government approval of any subcontracts.

Your file is returned herewith.

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachment

JLHofflund/bjl

Copy to: Repts. & Records
J. L. Hofflund
R. R. Guthrie
Chron.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 14 1951

DEPARTMENT OF THE INTERIOR
RECEIVED
NOV 19 1951
Defense Minerals Administration,
Production Expansion Division.

422 Bank St.
Wallace, Idaho.
Nov. 9, 1951

Mr. Frank E. Johnson, Acting Director
Production Expansion Division
Defense Minerals Administration
Washington 25, D.C.

Re: Docket No. DMA 1959
Hoodoo Mines

Dear Mr. Johnson:

Your letter to Mr. Wylie Gardner, dated October 24, 1951, has been referred to me. I wish to submit the enclosed assignment to Mr. Gardner of one half interest in the agreement that covers the Hoodoo propefty. This is an official copy which has been recorded in the Custer County court house.

A diamond drilling program was started this fall and four holes were drilled for a total of 640 feet. Drilling has been discontinued until the weather becomes more favorable and we are able to secure more suitable drilling equipment.

I am very pleased to note the progress of our application, and wish to thank you for your cooperation in the matter.

Sincerely yours,

L. R. Vance

L. R. Vance

FILE COPY
SURNAME: 400

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

Moulds
F. Johnson

OCT 24 1951

Mr. Wylie M. Gardner
Box 1286
Wallace, Idaho

Re: Docket No. DMA 1959
Hoodoo Mines

Dear Mr. Gardner:

Examination of your application for exploration project participation by the Government indicates that the lessee of the property on which the work is to be done is Mr. Leslie R. Vance. As the application is in the name of the partnership, a copy of an executed and recorded assignment of the Mining Lease and Option to Purchase, dated May 5, 1951 is required. This assignment is to be to Wylie M. Gardner and Leslie R. Vance, Partners, doing business as the Hoodoo Mines, Clayton, Idaho.

Also, advise if drilling is now in progress and, if so, the amount of footage completed in relation to the 3,000 feet recommended for the project. Mineral Order 5 precludes any Government participation in costs incurred prior to signing of the approved contract by the Government.

Upon receipt of the above assignment and information, a contract for the approved project will be drawn and forwarded to the Region Office at Spokane, Washington, to obtain your approval and signature.

Sincerely yours,

(signed) FRANK E. JOHNSON (for) F.J. 10-24

Frank E. Johnson, Acting Director
Production Expansion Division

DEMoulds/meh 10/23/51
cc to: Adm. Reading File
Reports and Records
PED
Mr. Moulds
Region II (2)
Docket

McKnight

6/5/51

Billings Bishop

Defense Minerals Administration

Review of Application for Exploration Assistance OCT 17 1951

Docket No. 1959

To: Production Expansion Division

Commodity Lead, zinc

$79,900 requested

Total Amount $14,000 recommended ?

See item 16

From: Director, Supply Division

Govt. Participation 50% $7,000

1. Name and Address of Applicant Wallace M. Gardner, Box 1286, Wallace, Idaho

L. R. Vance, Clayton, Idaho

2. Location of Property Boulder Mining District, Custer County, Idaho

T 10 N, Sec. 24, R 15 E.

3. Mineral or metal Lead, zinc, silver Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good Yes, see field team report

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project? (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Yes

Does the lease have sufficient time to run to cover a future productive period? Yes

*question numbers are those of MF-103

5

7. Are subordination agreements necessary? Yes

a) MF-201? _____

b) MF-202 Yes, they are attached

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

_____

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? Yes, see Exhibit "A"

If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? Yes

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? See Exhibit A MF-200 If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? No

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? See Exhibit A MF-200 If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft. See Exhibit A MF-200

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes, see Exhibit A MF-200

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.
I recommend the 2-stage program asoutlined in MF-200 Exhibit A - E.L. Newcomb

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: E. L. Newcomb GS

Approved
Tom Lyon

Date 10-12-51

INT.-DUP. SEC., WASH., D.C. 99009

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1951

September 28, 1951

Through: Executive Secretary

Memorandum

To: T. P. Billings, Chief Lead-Zinc Branch

From: Executive Officer, Region II

Subject: Application for Exploration assistance Hoodoo Mines
Custer County, Idaho
DMA Docket 1959X

Enclosed is a copy of a review of application for exploration assistance concerning the Hoodoo mines, one copy of the Landlord's Subordination Agreement, MF-202, and one copy of a mining lease with option to purchase on the Hoodoo mine.

The Hoodoo mine was examined by Mr. Tom Howard, U. S. B. M. engineer, who recommended the application for approval, and whose report coupled with additional information was mailed from this office on September 26.

At the time Mr. Howard's report was submitted to the Washington office this office had not received the review of the application for exploration assistance, and the Landlord's Subordination Agreement and copy of the lease with option to purchase were being withheld in a separate file and thus were not included with Mr. Howard's report.

Please attach the included data with the application in question.

Thos. H. Tilsgaard
for A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

OFFICIAL FILE COPY

To	Init.	Date
350		10-5-51
210		

Enclosures

cc: Exec. Officer
U.S.B.M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1201 N. Division St.
Spokane 2, Wash.
September 26, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 4 1951

MEMORANDUM

To: Chief, Lead-Zinc Branch, Defense Minerals Administration, Washington 25, D. C.

Through: L. F. Strobel

From: DMA Field Team, Region II

Subject: Application, exploration assistance, Hoodoo Mines, Custer County, Idaho, DMA-1959

The following material concerning the subject property is forwarded herewith for review and appropriate action:

Form MF-100 - 1 copy
Form MF-103 - 4 copies
Form MF-200 - 6 copies
Examination report - 5 copies

The Field Team is in agreement with the examining engineer's recommendations and supports the request that a 2-step project at an estimated total cost of $98,700 be approved. The Field Team, however, considers it advisable that initiation of the second stage of this project be entirely contingent upon the results of core drilling performed in the initial step and subject to Field Team approval.

Investigation of the Hoodoo area undoubtedly has been retarded because of difficult topography and severe winter operating conditions. In the opinion of the Field Team the combined evidence of widespread mineralization in limy rocks together with locally intense shearing suggests a favorable environment for metalliferous deposits of economic significance.

OFFICIAL FILE COPY

To	Init.	Date
350	ll	10-5-51
210		

By Field Team, Region II

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures

UNITED STATES
DEPARTMENT OF INTERIOR
OSCAR L. CHAPMAN-SECRETARY

DEFENSE MINERALS ADMINISTRATION

Report by Examination Team
Region II

DMA Docket No.1959Hoodoo Mines, Inc.

Custer County, Idaho

ON-SITE EXAM.

T. E. Howard
U.S.B.M.

September 14, 1951

HOODOO MINES, INC.
Custer County, Idaho

DMA Docket No. 1959

by T. E. Howard (U. S. B. M.)

RECOMMENDATIONS

It is recommended that approval be given to an exploration project designed to probe vein outcrops at depth on the Hoodoo Mines, Incorporated, property, Clayton, Idaho. The cost of this project is estimated at $98,700.00.

It is further recommended that the project be divided into two stages with the start of the second stage contingent upon the successful completion of the first. The first stage would consist of diamond drilling to determine the extent and grade of the ore above and at the proposed crosscut level. Crosscutting should be started only upon approval by the Field Team.

APPLICANT

The applicants are Wylie M. Gardner, Wallace, Idaho, and L. R. Vance, Clayton, Idaho, partners, doing business as the Hoodoo Mines, Clayton, Idaho.

LOCATION OF DEPOSIT

The property consists of the Hoodoo Nos. 1, 2, 3, 4, 5, and 6 and the Hoodoo millsite, all unpatanted mining claims in the Boulder Creek Mining District, sec. 24, T. 10 N., R. 15 E., Boise Meridian (unsurveyed) Custer County, Idaho.

OWNERSHIP

The mining claims were located in 1930 and the millsite in 1933 by Dave Fisher, R. M. Black and Frank S. Fisher. They now are held under lease by the applicant.

HISTORY AND PAST PRODUCTION

The property has no recorded history of production.

DESCRIPTION OF PROPOSAL

The proposed project includes about 3,000 feet of diamond drilling and 3,000 feet of crosscut designed to intersect and explore at depth ore showings exposed in a short 60-foot adit and in surface outcrops 1,000 to 2,000 feet farther west (see map). The cost of the proposed program is estimated at $98,700.00.

The applicant originally proposed 2,000 feet of crosscut. However, a brunton and tape survey made during the examination showed existing maps to be in error. Consequently, an amended application containing the revised figures and a new estimate of total cost has been submitted.

TECHNICAL FEASIBILITY

Geologic Setting

The geology of the region has been described by C. P. Ross in U. S. G. S. Bulletin No. 877.

The property is in an area of sharply folded beds of impure limestones, quartzites and argillites, probably of the Milligen formation about 2 miles east of the nearest exposure of the quartz-monzonite of the Idaho batholith.

The beds, all more or less limy, range from hard black argillite near the mouth of Hoodoo creek through light to dark gray limestones and light brown to almost black quartzites to a gray sandy limestone near the west end of the property. For the most part they are massive and gradational so that no distinct partings are visible.

Mineralization on the property occurs as a replacement and fracture filling in limestone along shear zones. Exposures are confined to two areas about 1,200 feet apart horizontally and 600 feet vertically. The easternmost known exposure is penetrated by a short 60-foot adit about 1,600 feet west of Slate creek. The adit, driven southwest in a light gray, crystalline limestone, crosscuts three minor southeast-striking fractures and one zone of intense shearing 10 to 20 feet wide. This zone also strikes southeast and dips from 45° to 60° northeast. Mineralization is evident along the total length of the adit. The area is so heavily covered with overburden that the bed thickness could not be estimated.

Additional outcrops 1,200 to 1,700 feet upstream contain mineralized zones ranging from 6 to 30 feet wide. The precipitous topography has evidently discouraged work on these outcrops in the past so that no attempt has been made to determine their extent along the strike. None of them can be definitely traced for more than 100 feet due to the heavy overburden. The principal mineralized fractures strike north to northeast and dip from 60° southeast to vertical. The gray-sandy lime country rock strikes about S. 10° to 20° W. and dips 60° to 70° N.W. According to the applicant, further exposures have been observed between the adit and the upper exposures in areas now covered with slide rock.

Ore minerals present include smithsonite, scant sphalerite, pyrite and galena in a gangue of calcite, iron oxides and crushed wall rock. There is little evidence of wall rock alteration.

Samples were taken from two of the outcrops as well as from the adit. Results of the analyses will be forwarded on receipt.

The applicant had commenced the drilling phase of the program at the time of the examination. It is expected that this stage will be completed in October, 1951. Drilling sites for exploration of the upper showings had not been definitely selected as additional road construction will be necessary to attain reasonable drilling distances.

Mine Workings

The short 60-foot adit described above constitutes all the underground workings on the property

Reserves

There are no measurable reserves on the property.

Mining Method - Costs

Further exploration will be required to determine the size, shape and character of the ore bodies before a mining method can be planned or mining cost estimate made. According to the applicant, a similar ore was mined from the nearby Clayton Silver mine for a direct mining cost of about $1.50 per ton. This figure is considered unusually low.

Milling Method - Costs

No ore from the property has been milled; as far as could be learned no ore-dressing tests have been made. The character of the ore indicates that concentration, either by selective flotation or a combination gravity-flotation process, will be necessary. Metallurgical tests must be made before milling costs can be estimated.

RATE OF PRODUCTION

Present

The property is not producing at the present time.

Anticipated

The applicant anticipates a daily production of 100 tons after development, provided the proposed exploration program is successfully concluded.

TIME SCHEDULE TO ATTAIN OBJECTIVES

A 200-foot per month rate of advance for the crosscut using contract labor and working two shifts per day is considered feasible. If this rate can be maintained, 15 operating months will be required to complete the proposed crosscutting.

MARKETING FACILITIES

The applicant expects to market lead concentrates at one of the lead smelters in the Salt Lake Valley. Zinc concentrates probably can be marketed at the Anaconda Copper Mining Company's plant in Great Falls, Montana.

EQUIPMENT AND FACILITIES

Installed

There is no equipment installed on the property. Existing facilities consist of one small log cabin in poor repair.

Required

Equipment required for the project will consist of the following:

	Cost
1 Portable air compressor	$ 6,000.00
1 Drifter or sinker with jackleg	1,000.00
1 Mucking machine (Emico 12-B or equivalent)	3,000.00
1 Ventilation fan and engine	800.00

	Cost
1 Locomotive (compressed air driven)	$ 2,000.00
4 16-cu. ft. mine cars	800.00
Total	$13,600.00

Facilities required and the applicant's estimate of cost are as follows:

1 Compressor room - tool shed	$ 1,000.00
1 Three-room temporary dwelling	3,000.00
	$ 4,000.00

The dwelling will be required as Mr. Vance, one of the partners who will be in direct charge of the operation, intends to live on the property and supervise the work on both shifts of a two-shift per day working schedule.

LABOR SUPPLY

The labor supply in the area is limited. However, the applicant believes the 4-man crew required for crosscutting can be obtained locally. The current wage scale in the district is $14.25 per shift for miners. The applicant intends to contract this labor at $8.00 per foot of advance.

POWER

Electric power is not available in the area.

TRANSPORTATION

Mackay, Idaho, about 77 miles from the property, is the nearest railhead. The cost of hauling concentrates to this railhead are estimated at $5.00 per ton.

Small tools and some operating supplies can be purchased in Challis, Idaho, 30 miles from the property. Larger items of equipment and operating supplies would have to be purchased in Salt Lake City, Utah.

Access Road Construction Required

No access road construction will be required. The millsite and proposed adit portal site are connected to U. S. Highway No. 93 by 7 miles of unimproved forest service road.

ADEQUACY OF REQUESTED FUNDS

The funds requested do not appear adequate for the project. It is estimated that the crosscutting cost would approach $22.00 per foot excluding the cost of equipment purchased.

The diamond drilling cost also appears low. At the time of the examination the applicant had been unable to contract the drilling. Equipment had been rented at a rate of $10.00 per day and the drillers were being paid by the day. Only 100 feet of drilling had been done at the time so a true drilling cost could not be estimated. However, $4.50 per foot appears to be a more reasonable figure.

The total cost of the program is estimated to be:

3,000 feet of diamond drilling at $4.50/ft.	$13,500.00
3,000 feet of crosscutting at $22.00/ft.	66,000.00
New equipment	13,600.00
New facilities	4,000.00
Preparation of tunnel site	300.00
Road maintenance and snow removal	300.00
Transportation of equipment	500.00
Assaying drill sludge	500.00
	$98,700.00

COMPETENCE OF APPLICANT

The applicants are considered competent; both have had considerable experience in successful mining operations throughout the northwest.

DISCUSSION OF PROPOSAL

The sharp relief of the area makes the proposed adit portal site the only one feasible for year-round operation. Recurrent snow slides make the upper part of Hoodoo creek inaccessible during winter; steep canyon walls offer no dump room.

Recd Sept 12

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

SEP 7 1951

Mr. A. E. Weissenborn
Executive Officer, DMA Field Team
Region II
South 157 Howard Street
Spokane 8, Washington

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Docket No. 1959X

Commodity Lead, zinc, silver

Applicant Hoodoo Mines, Clayton Idaho (Wylie M. Gardner, Wallace, Idaho and L. R. Vance, Clayton, Idaho)

Please expedite the consideration of this application with particular reference to the points raised in the attached "Review."

Very truly yours,

Tom Lyon
Chairman
Coordinating Committee

Lowell B. Moon
For Bureau of Mines

T. P. Thayer
For Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1959X

Commodity Lead, zinc, silver

Total Amount $52,720.00

Govt. Participation $26,360.00

1. Name and Address of Applicant Hoodoo Mines, Clayton, Idaho
(Wylie M. Gardner, Wallace, Idaho and L. R. Vance, Clayton, Idaho)

2. Location of Property Hoodoo Claims No. 1-6, Boulder District, Custer County, Idaho.

3. Mineral or metal Lead, zinc, silver Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination Needs examination

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? No

Does the lease have sufficient time to run to cover a future

productive period? Don't know

*question numbers are those of MF-103

7. Are subordination agreements necessary? Yes

a) MF-201? Don't know

b) MF-202 Yes

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes, contract labor

b) Equipment and supplies None must be purchased
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* No electric power available

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No, see attached statement

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is?

10. (a) A map is needed showing locations of proposed drill holes and crosscut. The project might be set up in two stages, namely:

Stage 1 - Diamond drilling

Stage 2 - Crosscut. This stage to be contingent upon the successful completion of stage 1.

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable? Don't know, appear to be low for drilling and crosscutting

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? Don't know

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Contract work

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Applicant says proposed crosscut will also serve as haulage level. Does applicant propose to use the exploration crosscut as a haulage way or does he plan to enlarge the exploration crosscut at his own expense?

Reviewed by: B. Gildersleeve GS

Date 9-5-51

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY
SURNAME: 350

Gildersleeve (ETM)
McKnight
Bassett
Hayes
Moore

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

Re: DMA-1959

SEP 7 1951

a.e.e.

Mr. Wylie M. Garner
Box 1286
Wallace, Idaho

Dear Mr. Garner:

The Lead-Zinc Branch has reviewed your application (DMA-1959) for exploration assistance at the Hoodoo claims. It is being sent to Mr. A. E. Weissenborn, Executive Officer, DMA Field Team, South 157 Howard Street, Spokane 8, Washington, for further information and advice.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

BGildersleeve:emp
G 9-5-51
Copies to: A. E. Weissenborn, Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Administrators r. file
DMA docket files

August 14, 1951

Subject: Exploration Loan
Re: Hoodoo Mine

Mr. Wylie M. Garner
Box 1286,
Wallace, Idaho

Dear Mr. Garner:

This will acknowledge receipt of your application dated July 23, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA- 1959 and referred to the Lead-Zinc Branch.

Kindly refer to DMA- 1959 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

AUG 14 1951

2463

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

August 10, 1951

DM A-1959

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed are three copies of Form MF-103 and three copies of Form MF-100 both submitted by Mr. Wylie M. Gardner and L. R. Vance, regarding the Hoodoo mines, Custer County, Idaho. One copy of each application has been retained in this office to expedite field examination.

No maps are included with the application, however, the applicants advise this office that a transit survey is currently being made of the property, and as soon as maps are available they will be forwarded for review.

Very truly yours,

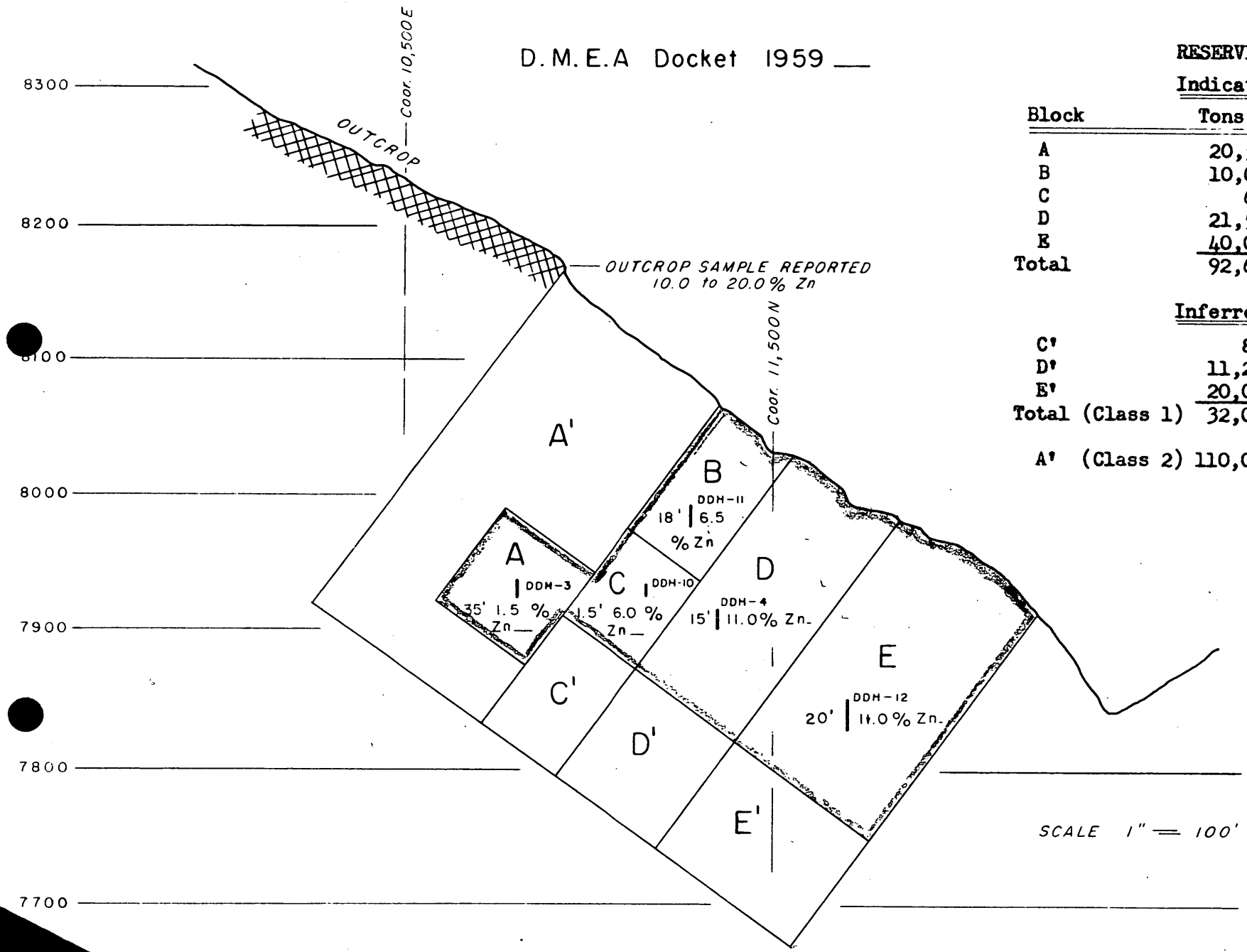
Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 14 1951

D.M.E.A Docket 1959 __



RESERVES

Indicated

Block	Tons	% Zn
A	20,500	1.5
B	10,000	6.5
C	600	6.0
D	21,500	11.0
E	40,000	10.9
Total	92,600	8.3

Inferred

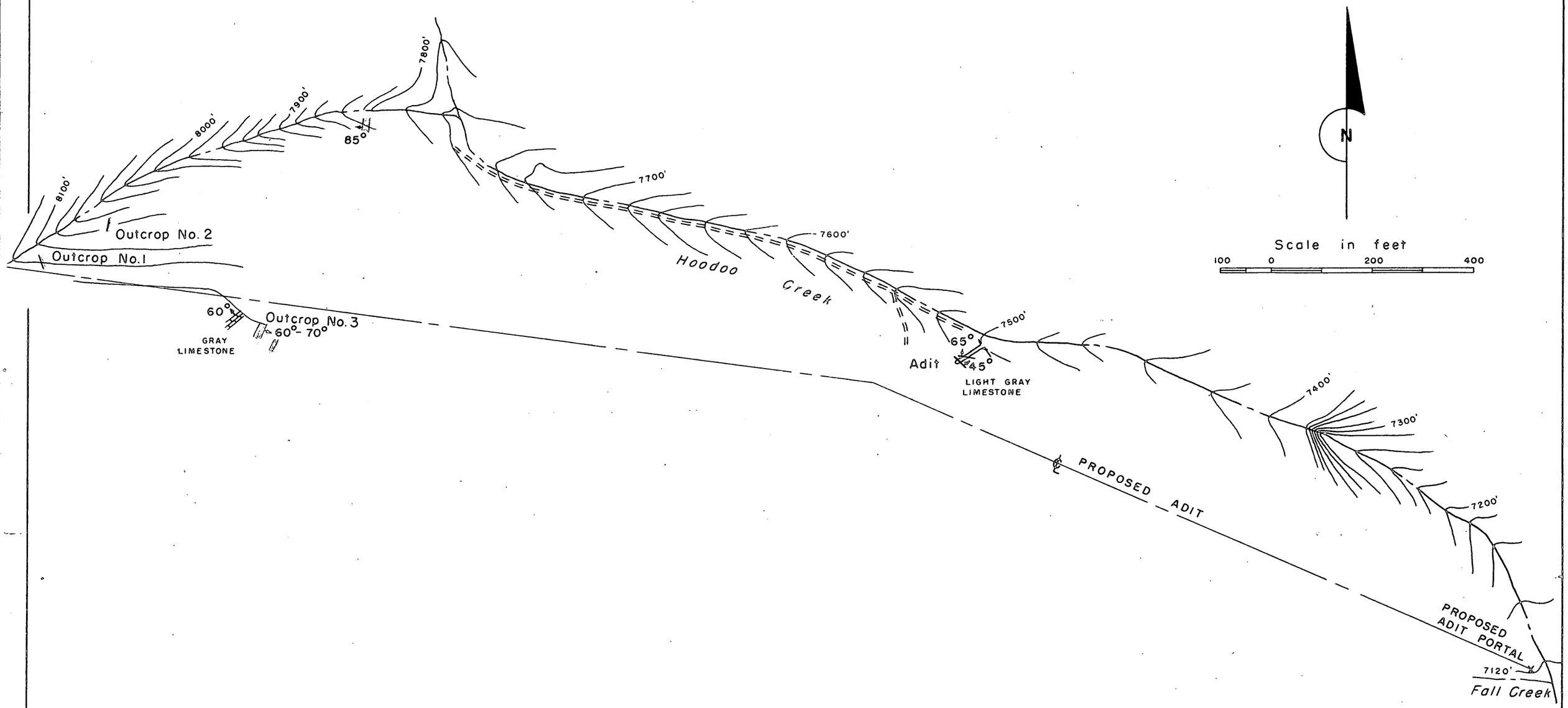
C'	800	6.0
D'	11,200	11.0
E'	20,000	10.9
Total (Class 1)	32,000	10.8
A' (Class 2)	110,000	1.5

ORE RESERVE BLOCKS

Longitudinal section X — Y, (Looking N. W.) Hoodoo property.

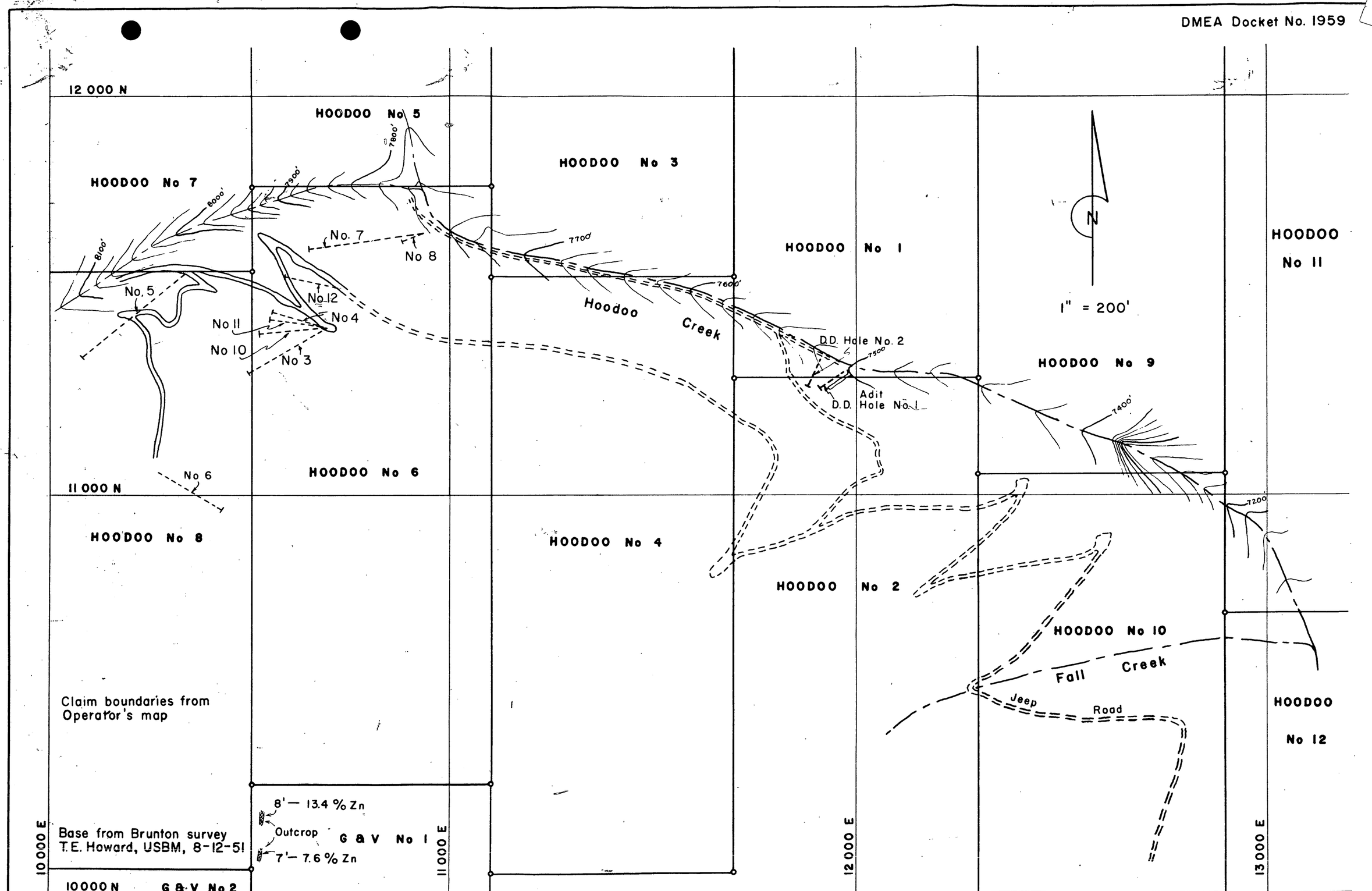
RECEIVED
JUL 29 1955

Defense Minerals Administration



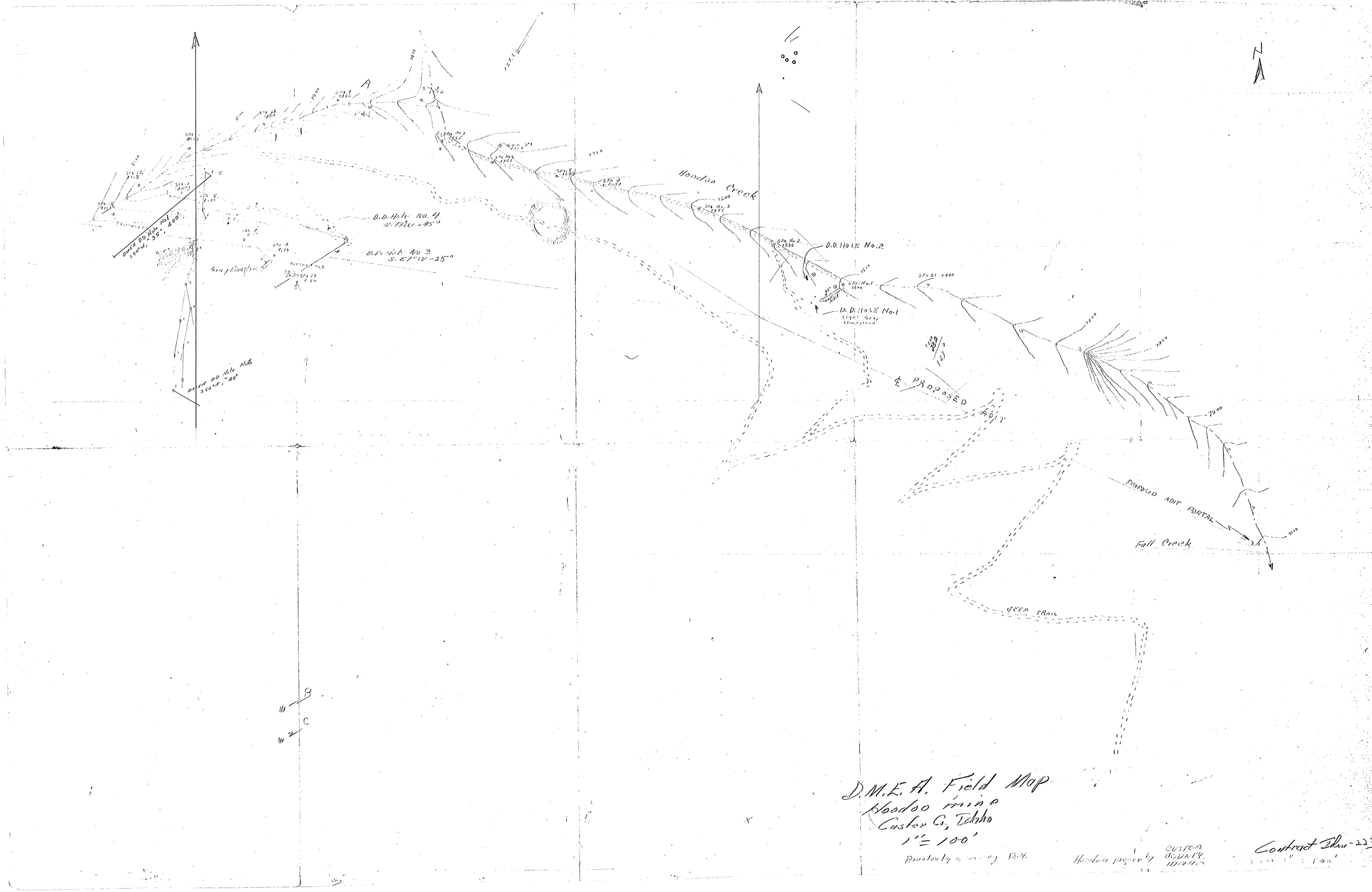
BRUNTON & TAPE SURVEY
T. E. HOWARD 8-12-51

Hoodoo property, Custer County, Idaho



Hoodoo property, Custer County, Idaho

RECEIVED
JUL 29 1955



D.M.E.A. Field Map
Hoodoo Mine
Custer Co, Idaho
1" = 100'

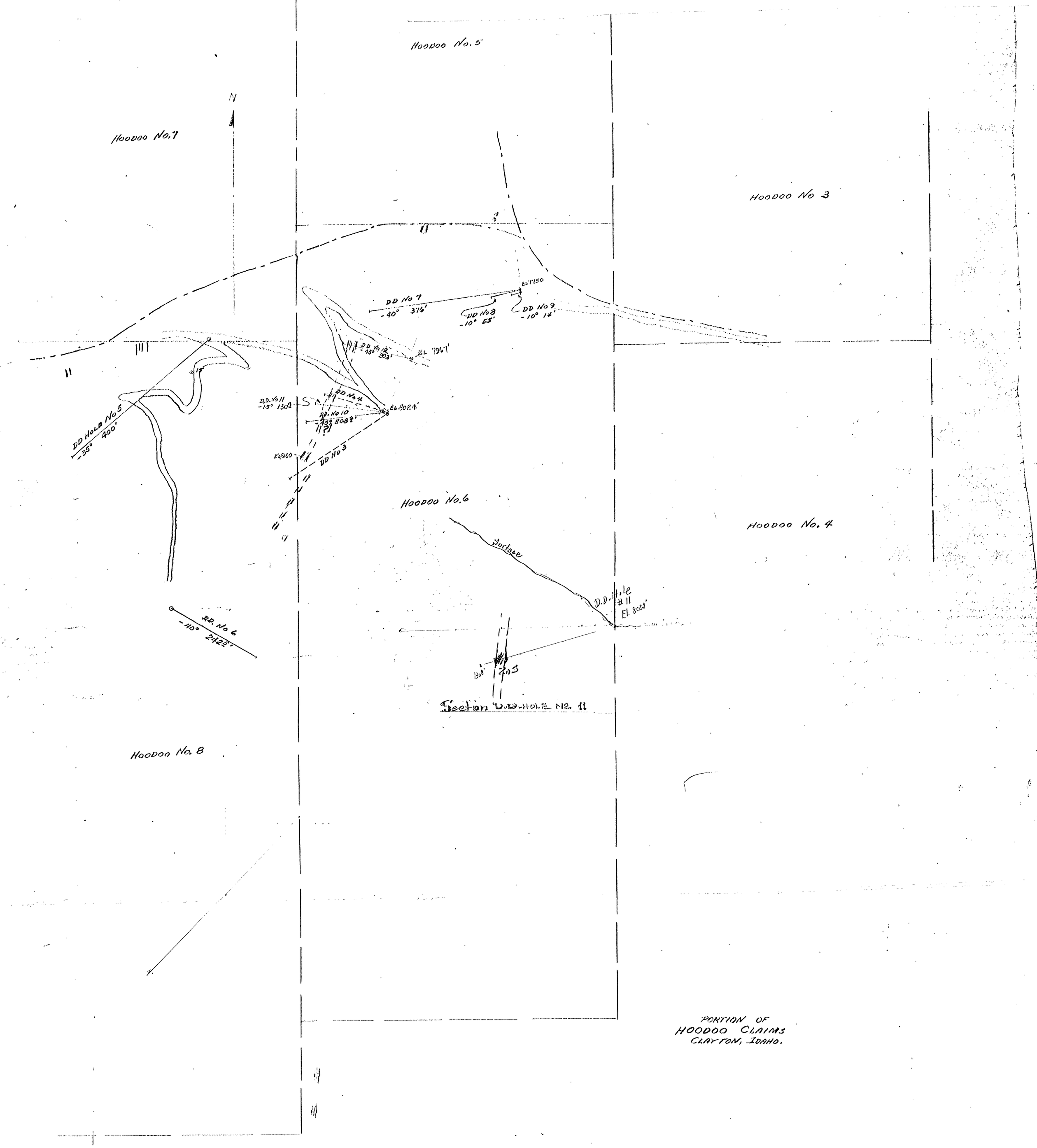
Property survey 1964

Hoodoo property

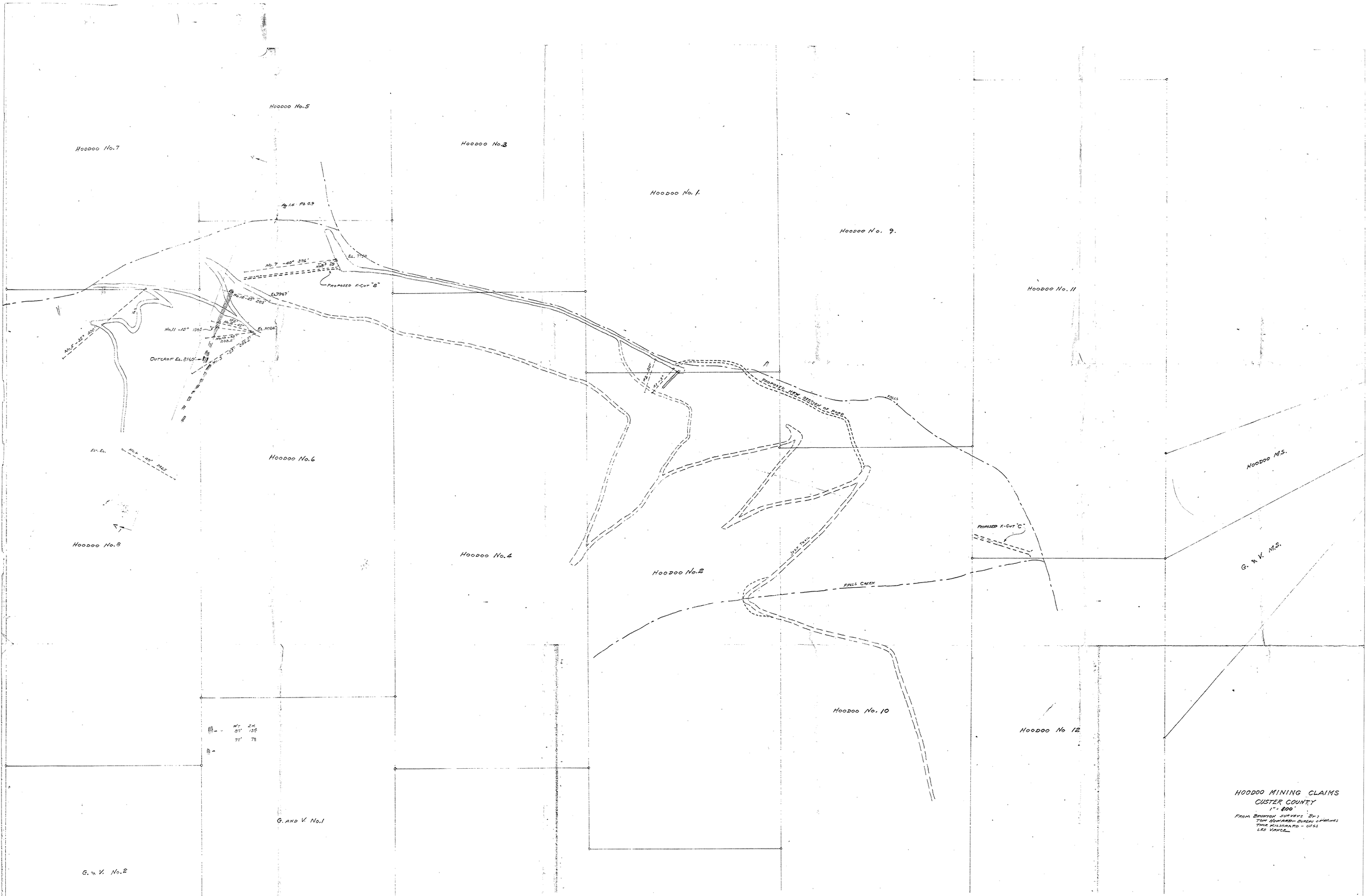
CUSTER COUNTY, IDAHO

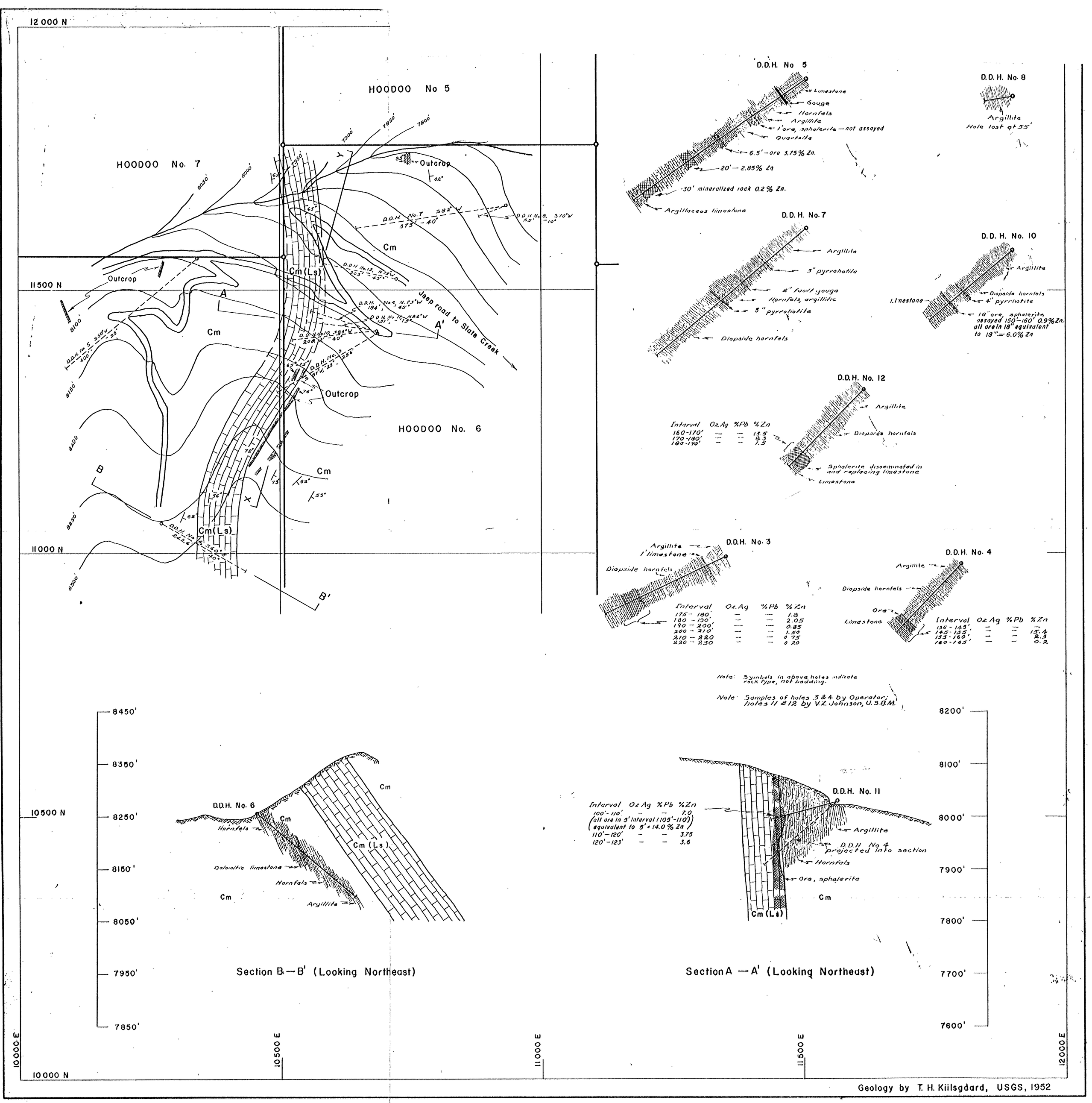
Contract Ibu-22

Scale 1" = 100'

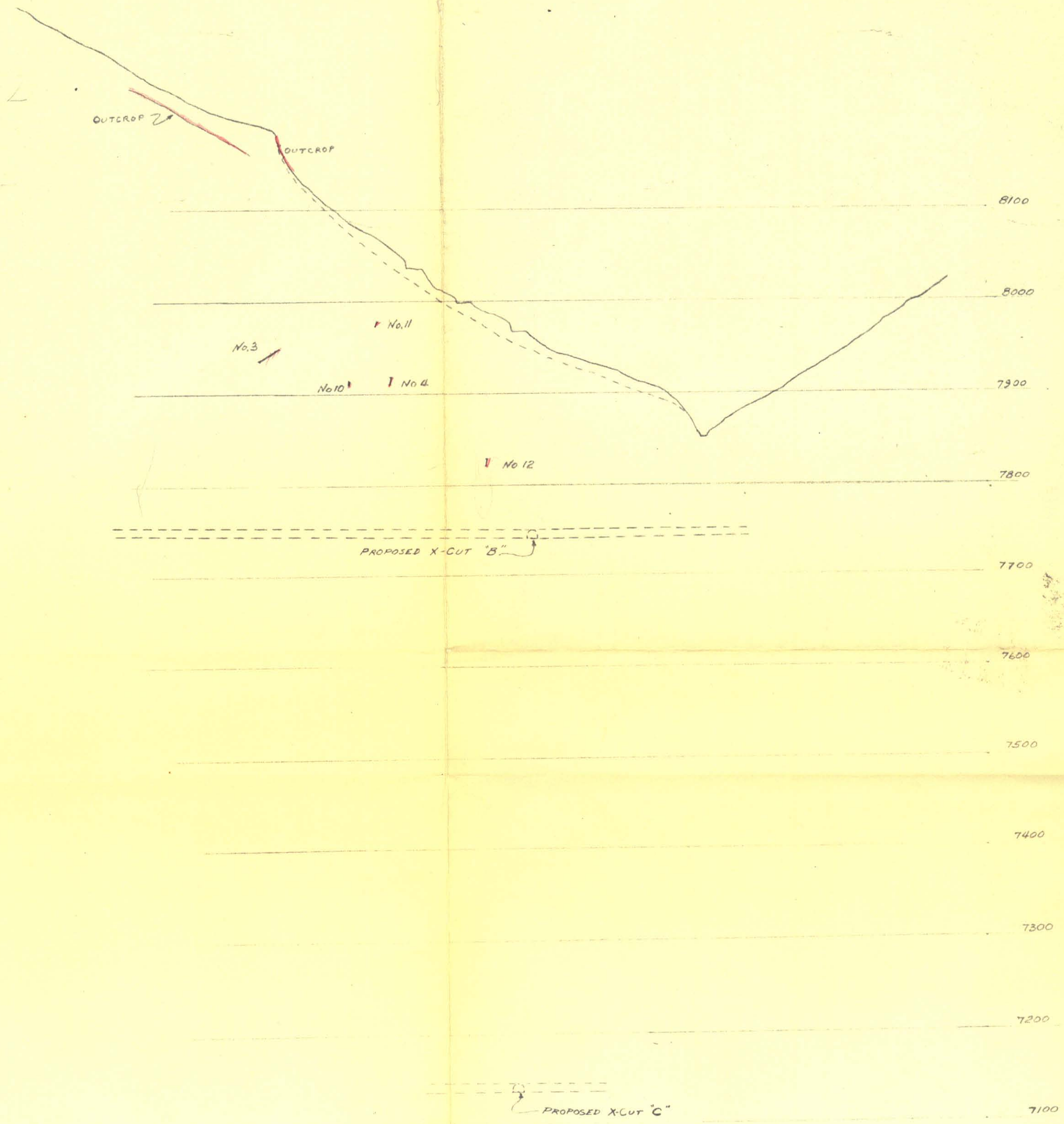


PORTION OF
HOODOO CLAIMS
CLAYTON, IDAHO.

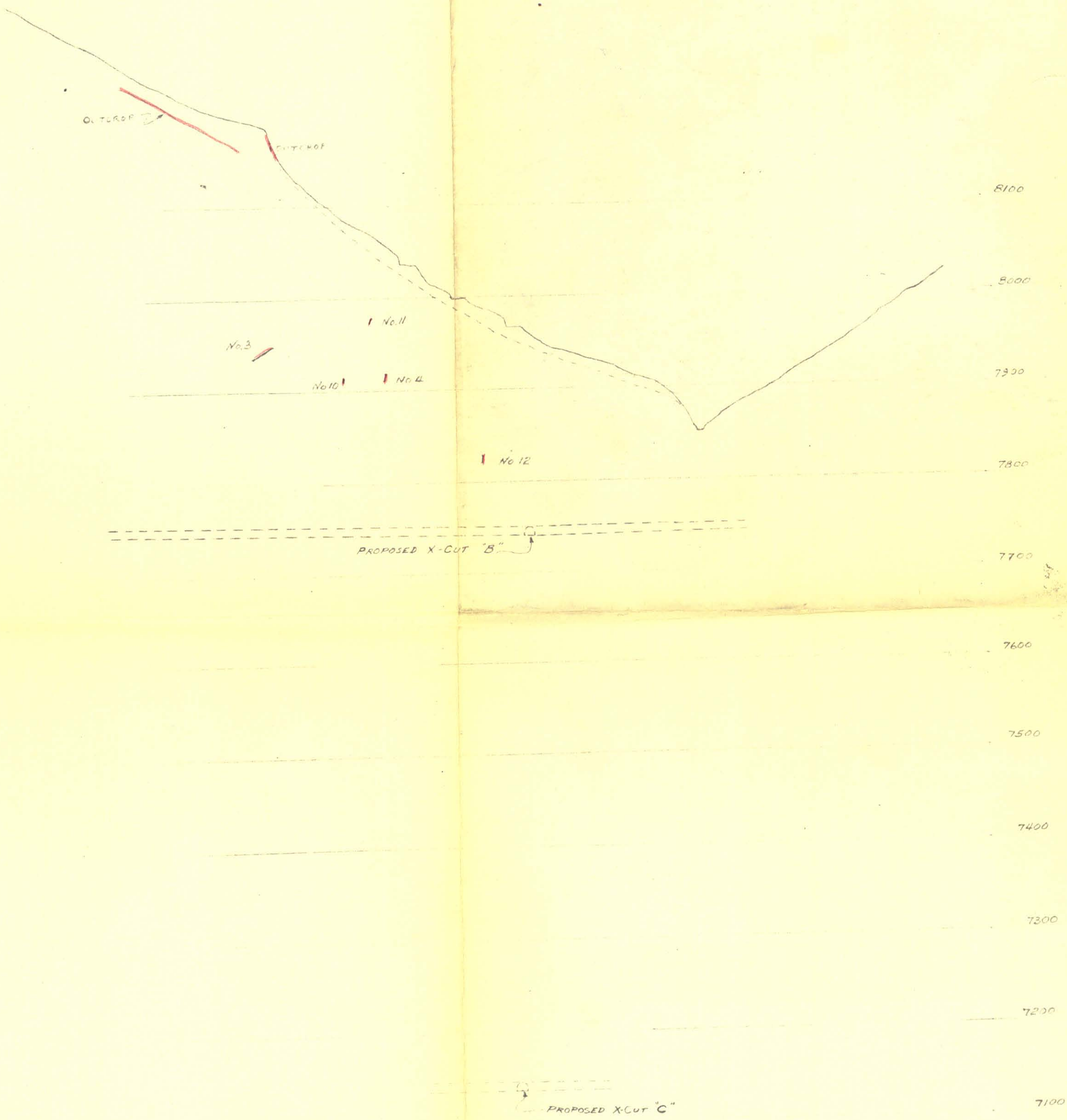

HOODOO No.5
HOODOO No.7
HOODOO No.3
HOODOO No. 1.
HOODOO No. 9.
HOODOO No. 11
HOODOO No.6
HOODOO No.8
HOODOO No.4
HOODOO No.2
HOODOO No. 10
HOODOO No 12
HOODOO M.S.
G. & V. M.S.
G. AND V. No.1
G. & V. No.2
PROPOSED NEW SECTION OF ROAD
PROPOSED X-CUT "B"
PROPOSED X-CUT "C"
FALLS CREEK
OUTCROP EL. 2160'
EL. 7710
EL. 7067'
EL. 8026
HOODOO MINING CLAIMS
CUSTER COUNTY
1" = 400'
FROM BRUNTON SURVEYS BY:
TOM HOWARD = OWNER OF MINES
TOM KILGRARD = USGS
LEE VANCE



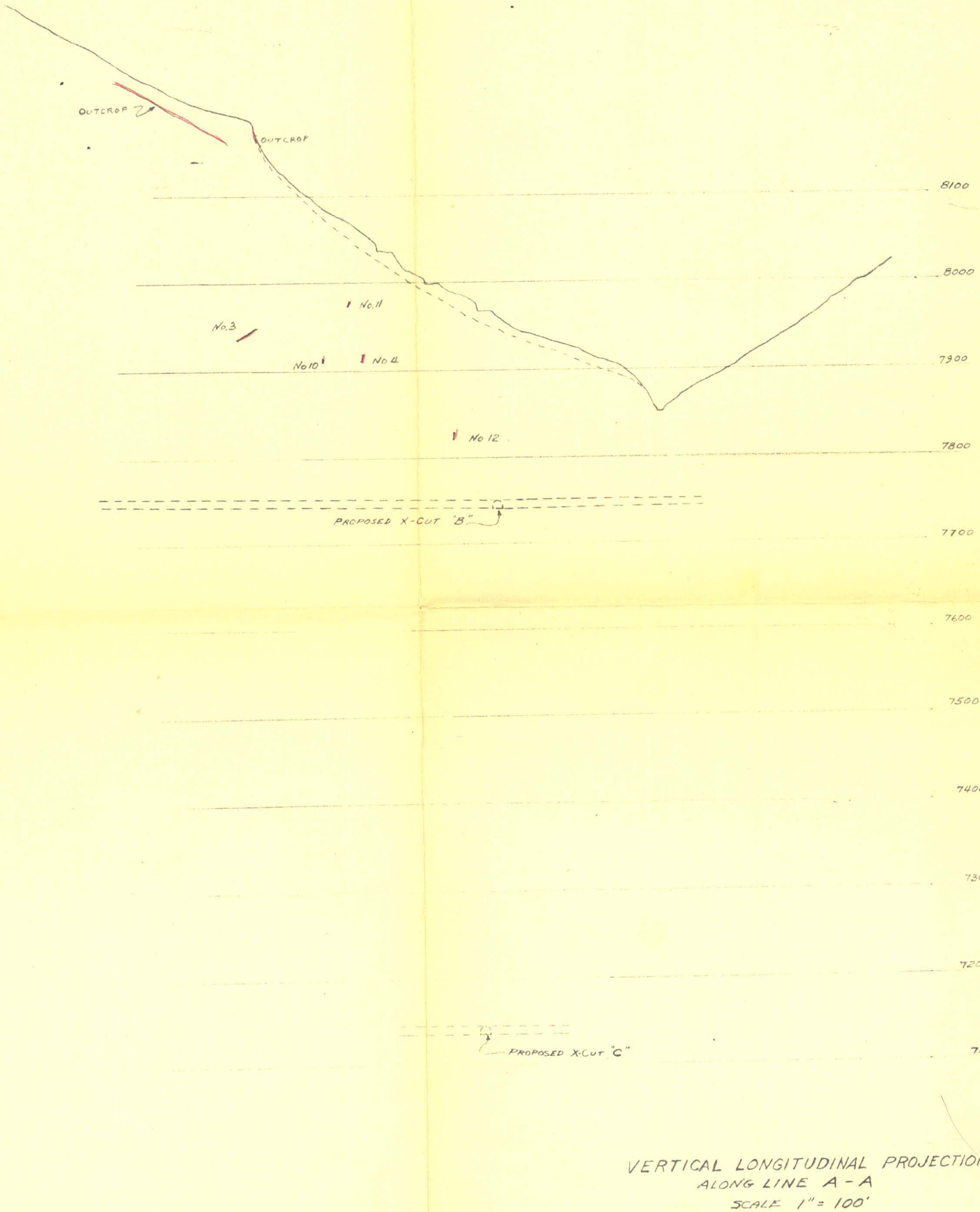
GEOLOGIC MAP, CORE LOGS, & SECTIONS
HOODOO PROPERTY
CUSTER COUNTY, IDAHO
Scale 1" = 100'



VERTICAL LONGITUDINAL PROJECTION
ALONG LINE A - A
SCALE 1" = 100'



VERTICAL LONGITUDINAL PROJECTION
ALONG LINE A - A
SCALE 1" = 100'



VERTICAL LONGITUDINAL PROJECTION
ALONG LINE A - A
SCALE 1" = 100'

HOODOO MINING CLAIMS
CUSTER COUNTY
1" = 400'
FROM BRUNTON SURVEYS 1907
TOM HOWARD - BUREAU OF MINES
TOM KILSWANG - WEN
J.D. VANCE
HOODOO No. 5
HOODOO No. 7
HOODOO No. 3
HOODOO No. 1
HOODOO No. 9
HOODOO No. 11
HOODOO No. 6
HOODOO No. 8
HOODOO No. 4
HOODOO No. 2
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HOODOO M.S.
G. & V. M.S.
G. AND V. No. 1
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PROPOSED X-CUT "B"
PROPOSED X-CUT "C"
PROPOSED NEW SECTION OF ROAD
FALLS CREEK
OUTCROP EL. 8160'
EL. 7750
EL. 7967'
EL. 8024'
No. 7 -40° 376'
No. 11 -15° 1302'
No. 12 -25° 803'
No. 5 -35° 450'
No. 6 -40° 942'
No. 13 -35° 1082'
No. 10 -25° 1028'
EST. EL.
WT. ZK.
85° 13¼
72° 7¼