DMEA Form 9
Rev. 6/57

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE | Idm-E NO. 294 | DMEA NO. 2213

Application
- [ ] Denied
- [ ] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] 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 9/17/59 - 9/20/62
- [x] Certification of Discovery 3-21-56
- [x] Closing Letter 5-14-65
- [x] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [x] Assignment of Contract
- [x] Contract Amendments
- [x] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Applications 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. 2 : Reports
- [ ] 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

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 Contract Idm-E294, Docket DMEA-2213 (zinc), dated April 16, 1952, with

Elmer Enderlin and Henry Connolly
c/o Elmer Enderlin
Clayton, Idaho

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Meadow View Mine located in Custer County, Idaho, during the period September 9, 1959, through September 7, 1962.

A certification of discovery or development was issued on March 21, 1956, and, in accordance with Annex II (attached to and part of Amendment No. 4) of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 13 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. An Audit Certificate dated June 25, 1956, indicated accepted costs under the exploration contract amounting to $24,113.97 with the Government's contribution on a 50 percent basis being $12,056.99.

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

This review established no sales subject to the Government's royalty subsequent to the period covered by a prior Report of Royalty Review which also found no sales subject to the Government's royalty through September 8, 1959. Accordingly, as of September 7, 1962, the royalty account of this project was found to be:

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

E. D. Talbert
E. D. Talbert, OME Auditor

September 20, 1962

Idm-8294 Elmer Enderlin and Henry Connolly DMEA-2213

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

This contract, as amended, provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder. The land consists of ten unpatented claims in sec. 22, T. 8 N., R. 15 E., B.M., East Fork (Boulder) Mining District. At the time the contract was executed the Operator was in possession as owner by location in 1950 and 1951. The so-called "abandonment" provision in the contract was deleted by Amendment No. 4.

In October 1952 Henry Connolly of Kellogg, Idaho, quit-claimed his interest in the property under the contract to Elmer Enderlin. This was followed in February 1953 by assignment of his interest in the exploration project contract. Although the Government did not specifically consent to this assignment under the usual procedure, it recognized the assignment by executing Amendments 2 through 5 with Elmer Enderlin as an individual.

Exploration work under the contract was completed on September 30, 1953. There was no production during the exploration period. Subsequent examinations of the property and inquiries by regional DMEA and OME representatives disclosed no production through August 24, 1961. The Operator, however, advised that he had given a ½ interest in the claims to his brother, Lamar Enderlin, 803 South Main Street, Butte, Montana. In reply to a September 7, 1962, inquiry the Operator advised that neither further change in ownership nor production had occurred.

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

(1) The files indicate that no ores have been produced from the property under the contract during the period covered by this review; 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.

(1) ~~[illegible]~~
(2) [illegible]
(3) 225

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Office of Minerals Exploration, Washington, D.C., pertaining to Contract No. Idm-E294, Docket No. DMEA-2213 (Zinc), dated April 16, 1952, with

Elmer Enderlin
Stanley, Idaho

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as Meadow View Mine located in Custer County, Idaho, during the period April 16, 1952, through September 8, 1959.

A certification of discovery or development was issued on March 21, 1956, and, in accordance with Amendment No. 4 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 13 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. An Audit Certificate dated June 25, 1956, indicated accepted costs under the exploration contract amounting to $24,113.97 with the Government's contribution, on a 50 percent basis, being $12,056.99.

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

(1) The mine has not been operated since completion of the exploration;
(2) Semi-annual reports by representatives of the Field Team, Region I, and other documents in the files do not disclose any production or sales of minerals from this property subject to Government royalty during the exploration period or subsequent thereto; and
(3) 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.

The review has indicated that there has not been any production or sales of minerals from the land described in Article 2 of the contract since April 16, 1952, and no royalty is due the Government.

C. E. Fisher

C. E. Fisher, OME Auditor

September 17, 1959

MME Form 22
April 59

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name Elmer Enderlin

Address Stanley, Idaho

Exploration Contract No. Idm-E294 Docket No. DMEA-2213

		Check One Yes	Check One No.
1.	(a) Does the Operator stockpile ore subject to royalty repayment?		X
	(b) If so, is segregation and identification procedure adequate?		
2.	(a) Does Operator commingle production subject to DMEA or OME royalties with exempt production?		X
	(b) If so, do you consider 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?		X
	(b) If so, are adequate records maintained on such material to protect the Government's interest?		
4.	Do you consider the assay controls in effect are adequate?	X	
5.	Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	X	
6.	Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?	X	
7.	Does the Operator buy from or sell to other Operators?		X
8.	Comment on any item 2 (b) to 6 if answer is No.		

Property inactive.

September 8, 1959
Date

S. W. Zoldok
Mining Engineer
S. W. Zoldok

53362

File Copy
Surname

Griswold
Rutzi
Sawyer
"Appd. Sol. Off."
Chambers
Geehan
Williams
Selfridge
Johnson

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

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

To: Mr. Elmer Enderlin
Stanley, Idaho

Pursuant to the provisions of Exploration Project Contract No. Idm-2294, dated April 16, 1952, Docket No. DMEA-2213, 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 therefor and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows: Drifting on the Adit Crescent level has proved the existence of zinc-tungsten ores occurring within veins cutting through argillite and tactite.

Date MAR 21 1956

WRGriswold/er 3/14/56
Copy to:
Docket
Mr. C. A. Fredell, Dr.,MD,EPS
Mr. Geehan, USBM
Mr. Kiilsgaard, USGS
Admr A File
Op. Committee
Cont. Adm.& Audit Div.
Finance Office
Base Metals
Region I, NW, Dist. (2)
F. E. Johnson
W. R. Griswold
Chron.

THE UNITED STATES OF AMERICA

By C P Mathewson
Administrator, Defense Minerals Exploration Administration

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	Jungge	120
	Ashley	800
5/14		110
		100
		220

MAY 14 1965

Messrs. Elmer Enderlin and
Henry Connolly
c/o Mr. Elmer Enderlin
Challis, Idaho

Re: DMEA-2213 (Zinc)
Elmer Enderlin and Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract Idm-EE94

Gentlemen:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development dated March 21, 1956, all minerals mined or produced from April 16, 1952, to April 16, 1965, were subject to the Government's royalty as set forth in said contract.

As the period during which production was 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. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

George Fumich, Jr.

Acting Director

MMerrithew/mm (5/13/65)
cc: Director's Reading File
Region I w/cy of incoming Form 63 dated 4/21/65
CA&A Division
Docket
120M
Federal Resources Corp., P.O. Box 158, Hailey, Idaho

23263

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

RECEIVED
JUL 2 - 1956

I have examined the records and transactions of:

Elmer Enderlin, Assignee
Stanley, Idaho
and
Elmer Enderlin and Henry Connolly, Partners, Assognors
Kellogg, Idaho

pertaining to Exploration Project Contract No. Idm E-294, Docket DMEA No. 2213, dated April 16, 1952, including amendments Nos. 1 to 5, inclusive, covering a project for the exploration of zinc, on property known as the Meadow View Mine located in Custer County, State of Idaho, for the period of April 16, 1952 to September 30, 1955, and the subsequent disposition of project property.

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		$24,213.14
Less proceeds from disposition of property		200.00
Net Claimed Cost		$24,013.14
Exceptions (See Audit Report for details)		
Prior to this audit	-0-	
During this audit	$(100.83)	(100.83)
Total Accepted Cost		$24,113.97

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 Twelve Thousand, Fifty-six and 99/100 Dollars,

----$12,056.99----

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

C. A. TURNER, AUDITOR

June 25, 1956

AUDIT REPORT

RECEIVED
JUL 2 - 1956

I. INTRODUCTION

During the month of June, 1956, a final audit (covering operations for the period of April 16, 1952 to September 30, 1955) was made of the records and transactions pertaining to Exploration Project Contract No. Idm E-294, Docket No. DMEA 2213, dated April 16, 1952, including amendments Nos. 1 to 5, inclusive, but including a subsequent disposition of project property with:

Elmer Enderlin, Assignee
Stanley, Idaho
and
Elmer Enderlin and Henry Connolly, Partners, Assignors
Kellogg, Idaho

covering a project for the exploration of zinc, on property known as the Meadow View Mine, located in Custer County, State of Idaho.

The original records under this Contract were maintained by and were in the custody of Elmer Enderlin, Stanley, Idaho.

Mr. John D. Bardill, Metallurgist, and Mr. A. L. Service, Mining Engineer, representatives of the Field Team, who made periodical visits to the mine while the exploration work was in progress, were consulted as questions arose.

II GENERAL INFORMATION ON RECORDS

Elmer Enderlin did not maintain a regular set of books. However, the items of original entry such as the foreman's time book, payrolls, cancelled pay checks, industrial insurance policy and reports, Federal income and old age benefit tax reports, vendors' invoices and cancelled bank checks, were sufficient to determine the cost of exploration.

The Operator's Monthly Report and Voucher Forms MF-104 were prepared under the direction of and signed by Elmer Enderlin.

The project records were brought to the Spokane DMEA office for audit by Elmer Enderlin, who has custody of the records.

III SCOPE OF AUDIT AND FINDINGS

The audit was limited to ascertaining the accuracy, propriety, and validity of the costs shown in the "Totals to Date" column of the Operator's Monthly Report and Voucher Form MF-104 for the month of September, 1955, but including settlement on October 10, 1955 of the Government's equity in certain project property. A complete and detailed audit was made of the records.

The audit disclosed a considerable amount of improper distribution of charges to the "Items of Cost" shown on the Form MF-104. Therefore, the audit findings presented below are those resulting after correction of the cost distribution.

(1) Agreed Unit Costs

The acceptable costs, based on agreed estimated unit costs of work, for units of work actually performed were determined by the audit to be as follows:

Stage II

Drifting	500 feet @ $34.00 per foot	$17,000.00

Drifting footages were verified by John D. Bardill, Metallurgist, Field Team representative.

Independent Contracts

The acceptable cost for independent contracts was determined to be:

Stage II

Bulldozing Road	30 hours @ $15.00 per hour	$ 450.00
Transportation of Dozer		50.00
Accepted Costs		$ 500.00

The bulldozing work was by the Uhrig Construction Company, Hailey, Idaho.

(2) Labor and Supervision

The basic records for the labor costs consisted of monthly payrolls prepared by Elmer Enderlin from the pocket time books used in the mine.

During the audit the time books were checked against the payrolls, the earnings recomputed and payments by cancelled checks.

Labor was charged to the project at the following rate:

Miners and muckers, $14.00 per day subject to legal overtime.

No charges were made for supervision and technical services.

The acceptable costs were found to be as follows:

Labor - By partners	$ 1,953.00	
Hired	1,969.00	$ 3,822.00
Supervision	-0-	-0-
Technical		-0-
Accepted Costs, Stage I		$ 3,822.00

Labor as miners and muckers was performed by the partners at rates provided in the Contract, which was claimed as a cost of the project. The partners, however, did not accept any pay for the labor performed, but considered it as a part of their contribution to the project cost.

(3) Operating Materials and Supplies

The costs chargeable to this category were determined by a detailed audit and analysis of the vendors' invoices, freight bills, and cancelled bank checks. The following costs were determined by the audit to be allowable:

Stage I

Explosives	$ 720.28
Pipe and Fittings	132.39
Track	7.00
Drill Steel and Bits	353.22
Fuel Oil and Lube.	303.46
Other	30.98
Accepted Costs	$ 1,600.14
Less salvage proceeds on pipe and fittings and track supplies	34.62
Net cost to project	$ 1,575.52

By letter dated September 15, 1955, the Operator bid $200.00 on the remaining project salvage as follows:

	Cost	Salvage Value
Pipe and Fittings and Track Supplies	$150.23	$ 34.62
Ingersol Rand Stoper	670.00	165.38
Total	$810.23	$200.00

This bid was accepted by the Field Team letter dated October 10, 1955.

(4) Operating Equipment

The acceptable costs under this category were determined by the audit to be as follows:

Rental

1 160 C.F. Leased Air Compressor
2½ months @ $40.00 per month $ 100.00

Federal and State Reports examined and rates were found to be as follows:

Employers Quarterly Federal Tax Return	
Account Number 32-0208277	
F.I.C.A. Tax Rate for 1952	1.5%
Employers Contribution Report	
State of Idaho	
Unemployment Insurance rate for 1952	2.7%
Federal Excise Tax Return	
Unemployment Insurance rate of .3% does not apply as the Operator had less than 8 employees	
Total	4.2%

Hired Labor	$1,869.00	@ 4.2%	$78.50

The audit disclosed that the Operator had failed to claim any of the payroll taxes which he had paid on his payroll. These taxes are authorized by the Contract and were added to his claim since they are a proper charge under the terms of the Contract. Labor of the partners was not included in this computation.

Liability Insurance was computed after a review of the Liberty National Insurance Company Policy No. C 20253, dated August 4, 1952 and the Operator's payroll reports and premiums paid.

Rate on miners for 1952	7.5%
Total Payroll	$ 3,822.00
Deduct partners' earnings	1,953.00
	$ 1,869.00
Deduct July, 1952 payroll	238.00
Total payroll on which premiums paid	$ 1,631.00
Liability Insurance $1,631.00 @ 7.5%	$ 122.33

The Operator was not insured during July, 1952 and did not pay any premiums on the July payroll, and the partners' earnings were not insured. The deposit of $100.00 (made at the time the policy was issued) is all the Operator claimed on his Forms MF-104, since the additional $22.33 is a proper and allowable claim under the terms of the Contract, it was added to the Operator's claim.

Rent on cabin to be used as living quarters for the crew was an allowance made to the Operator by the Contract. Claim was made for 2½ months at $50.00 per month, or $125.00. The Operator did not log the time the cabin was in use. However, the time claimed was for the same periods as the payroll periods worked and the charge appears to be reasonable and in order.

(8) Contingencies

This item of cost not applicable to this Contract.

IV. CONCLUSIONS

The audit disclosed that all costs charged to this project, but including the allowances made in section (7) Miscellaneous, payroll taxes $78.50 and liability insurance $22.33, are reasonable and proper under the terms of the Contract.

The adjustments between "Items of Cost" as shown on the Operator's Monthly Report and Voucher Form MF-104 for September, 1953, the additions made to the Operator's claim, and the accepted costs as disclosed by this audit are summarized as follows:

AUDIT SUMMARY

	September, 1953 Form MF-104	Corrected Distribution	Disallowed By Audit	Accepted Costs	Stage I	Stage II
1. Independent Contractors	$	$	$	$	$	$
Bulldozing	500.00	500.00	---	500.00	---	500.00
Unit Costs						
Drifting	17,000.00	17,000.00	---	17,000.00	---	17,000.00
2. Labor and Supervision						
Labor	3,822.00	3,822.00	---	3,822.00	3,822.00	---
Supervision	---	---	---	---	---	---
Technical	---	---	---	---	---	---
3. Operating Material and Supplies						
Explosives	780.28	780.28	---	780.28	780.28	---
Pipe and Fittings	132.33	132.33	---	132.33	132.33	---
Track	---	7.90	---	7.90	7.90	---
Drill Steel and Bits	353.22	353.22	---	353.22	353.22	---
Fuel Oil and Lube	303.46	303.46	---	303.46	303.46	---
Other	32.20	30.95	---	30.95	30.95	---
4. Operating Equipment						
Rental	125.00	100.00	---	100.00	100.00	---
Purchase	670.00	670.00	---	670.00	670.00	---
Depreciation	100.00	125.00	---	125.00	125.00	---
5. Initial Rehabilitation and Repairs	---	---	---	---	---	---
6. New Buildings, Improvements, Etc.	---	---	---	---	---	---
7. Miscellaneous						
Repairs to Equipment	163.00	163.00	---	163.00	163.00	---
Payroll Taxes	---	---	(78.50)	78.50	78.50	---
Liability Insurance	---	100.00	(22.33)	122.33	122.33	---
Workmen's Compensation	100.00	---	---	---	---	---
Rent on Cabin	125.00	125.00	---	125.00	125.00	---
8. Contingencies	---	---	---	---	---	---
TOTAL	$ 24,213.14	$24,213.14	$(100.83)	$24,313.97	$6,813.97	$17,500.00
Less Salvage Proceeds	200.00	200.00	---	200.00	200.00	---
NET COST OF PROJECT	$ 24,013.14	$24,013.14	$(100.83)	$24,113.97	$6,613.97	$17,500.00

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JUL 2 - 1986

The "Allowable Maximums" under this Contract are as follows:

	Allowable Maximum	Acceptable Cost	Balance
Stage I			
Labor, Geologist	$ 200.00	$ -0-	$ 200.00
Depreciation, Truck			
3 months @ $50.00	150.00		
2½ months @ $50.00		125.00	25.00
Stage II			
Unit Costs			
Drifting 500' @ $34.00	17,000.00	17,000.00	---
Bulldozing	500.00	500.00	---
Labor Consultant	300.00	-0-	300.00
Total	$18,150.00	$17,625.00	$ 525.00

At the conclusion of the audit the findings were discussed with Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District.

C. A. Turner

C. A. TURNER, AUDITOR

June 25, 1956

Suggested Form for Assignment and Acceptance of DMEA Contract:

ASSIGNMENT OF EXPLORATION PROJECT CONTRACT

I, X Henry Connolly for and in consideraton of One ($1.00)
(Assignor)
Dollar now paid, and other valuable consideration, do hereby grant and assign, subject to Government approval, to Elmer Enderlin, all of my
(Name of Company)
interest in a certain Exploration Project Contract, No. E 294, dated _____ 195__, between the United States of America, acting thru the Department of the Interior, Defense Minerals Administration, hereinafter called the Government, and myself, as Operator.

By acceptance of this Assignment, the assignee agrees to assume and perform all of the reservations, terms, conditions, agreements and covenants in said contract contained.

The post office address of the grantee and assignee herein is as follows:

_____ _____

IN WITNESS WHEREOF, I have hereunto set my hand this 9th day of February 1953.

X Henry Connolly
(Grantor and Assignor)

STATE OF Idaho:

COUNTY OF Shoshone:

I, the undersigned, a notary public in and for the State of Idaho, hereby certify that on this 9th day of February 1953, personally appeared before me Henry Connolly, to me known to be the individual
(Assignor)
described in and who executed the foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes herein mentioned.

WITNESS my hand and official seal this 9th day of February 1953.

Eva Jannsen
(Notary Public) comm. Exp. 10/23/54

In consideration of the foregoing Assignment, the undersigned hereby accepts the same and agrees to assume and perform all of the reservations, terms, agreements, and covenants contained in the contract above described.

Dated this 20 day of Feb. 1953.

NAME OF COMPANY

By X Elmer Enderlin
(Title of Person Authorized to Sign)
(owner)

Approval by the Government
Signed _____ Date _____
Title Acting Administrator, Defense Minerals Explorations Administration

Docket copy

RECEIVED
SEP 12 1955

EXPLORATION PROJECT CONTRACT
ELMER ENDERLIN
DOCKET NO. DMEA-2213

AMENDMENT NO. 5

It is agreed this 22nd day of August, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Elmer Enderlin, that Exploration Project Contract Idm-E294 (Docket No. DMEA-2213), dated April 16, 1952, as amended, is further amended effective October 16, 1954, as follows:

In Amendment No. 4, paragraph 1, delete the completion date "August 16, 1955," and substitute the date "October 16, 1955."

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, nor the amount of any item designated as "allowable maximum."

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C. Mutterdorf
Administrator, Defense Minerals
Exploration Administration

ELMER ENDERLIN

Elmer Enderlin
Owner

Appd. Sol. Off.
J. All.
Talbot
Selfridge

RECEIVED
SEP 6 1955
U. S. G. S.
SPOKANE, WASH.

Docket copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 7 1954

EXPLORATION PROJECT CONTRACT
ELMER ENDERLIN
DOCKET NO. DMEA-2213

AMENDMENT NO. 4

It is agreed this 5th day of November, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Elmer Enderlin, that Exploration Project Contract Idm-E294 (Docket No. DMEA-2213), dated April 16, 1952, as amended, is further amended effective October 16, 1954, as follows:

1. In Article 3 of the contract the completion date is further extended to "not later than August 16, 1955." (Amendments Nos. 2 and 3 extended the original "6 months" completion period to "18 months" and to "October 16, 1954," respectively.)

2. That part of the second sentence of Article 10 of the contract form beginning with the word "Provided" is deleted.

3. Annex I to Amendment No. 3 is cancelled, and Annex II, attached hereto and made a part hereof, is substituted for Article 9 of the contract form.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be required to contribute, nor the amount of any item designated as "allowable maximum."

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By C O Mendors
Administrator, Defense Minerals
Exploration Administration

Reviewed
Charles
Selfridge

ELMER ENDERLIN

Elmer Enderlin

EXPLORATION PROJECT CONTRACT
ELMER ENDERLIN
DOCKET NO. DMEA-2213

DEPARTMENT OF ...
Defense Minerals Ad...
RECEIVED
DEC - 2 1954

ANNEX II

The following provisions are in lieu of Article 9:

Repayment by Operator.--a. Certification.--If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Royalty on production.--The Operator, as principal, if the Operator is the producer, or as surety, if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land,* as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years* from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

c. Basis for computation.--The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight paid by the buyer to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the

*** The word "land" refers to the land described in Article 2 of the contract form.**

*** The period "thirteen years" is substituted for the period "ten years."**

Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the raw ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

d. Unsold production.--If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

e. Percentages of royalty.--The percentages of the Government's royalty shall be as follows:

> One and one-half ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.
>
> (For instance: the royalty on an amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

f. Lien for payment.--To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

g. Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

h. No obligation to produce.--Nothing in this contract is 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.

i. Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

58694

Docket Copy

EXPLORATION PROJECT CONTRACT
ELMER ENDERLIN
DOCKET NO. DMEA-2213

AMENDMENT NO. 3

It is agreed this 2nd day of December, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Elmer Enderlin (Henry Connolly, one of the two members of the Operator partnership, having withdrawn therefrom and assigned all his interest in this contract to Elmer Enderlin), that Contract Idm-E294 (Docket No. DMEA-2213) dated April 16, 1952, as amended, is further amended, effective October 16, 1953, as follows:

1. In Article 3 of the contract form, as amended, the words "within a period of eighteen (18) months from the date of this contract," are deleted and the words "not later than October 16, 1954," are substituted therefor.

2. In lieu of Article 9, the provisions of Annex I attached hereto and made a part hereof, are substituted.

3. During the period from October 16, 1953, to July 1, 1954: (a) project work shall be recessed; (b) the Government shall not contribute to any costs of operation or maintenance incurred by the Operator; and (c) the Operator shall save the Government harmless from any and all claims, and preserve and protect the project work and any property in which the Government has an interest.

4. In Article 10 of the contract form the words "ten years" are changed to read "eleven years."

This amendment shall not be construed to increase the estimated total cost of the project nor the aggregate total amount which the Government may be required to contribute.

Executed in sextuplicate the day and year first above written.

ELMER ENDERLIN

By Elmer Enderlin

Chamberlin

Paul Chrin

THE UNITED STATES OF AMERICA

By C A Mitchenoy
Administrator, Defense Minerals Exploration Administration

Department of the Interior
Defense Minerals Administration
RECEIVED
DEC 2 4 1953

ANNEX I

The following provisions are in lieu of Article 9 :

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by this contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts, plus one-half ($\frac{1}{2}$) per cent 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) 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 ($1\frac{1}{2}$) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) per cent.)

c. Definitions.--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.

d. Lien for Payment.--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.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

"The period eleven years" is substituted for the period ten years.

Docket copy

EXPLORATION PROJECT CONTRACT
ELMER ENDERLIN
DOCKET NO. DMEA-2213

Amendment No. 2

It is agreed this 1st day of April, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Elmer Enderlin (Henry Connolly, one of the two members of the Operator partnership, having withdrawn therefrom and assigned all his interest in this contract to Elmer Enderlin), each acting in consideration of the agreement of the other to the terms hereinafter set forth that Exploration Project Contract Idm-E294, Docket No. DMEA-2213, dated April 16, 1952, between the parties hereto, as amended, be further modified and amended as follows:

1. This amendment shall be effective as of April 16, 1952.

2. In Article 3 of the contract form, the words "6 (six) months" are deleted and the words "18 (eighteen) months" inserted in lieu thereof.

3. In Article 8 of the contract form, the figures $4,560.00 and $9,120.00 are deleted and in their place are substituted the figures $13,560.00 and $27,120.00, respectively.

4. Exhibit "A" is revised to read as follows:

EXHIBIT "A"

Description of the Work

STAGE I

Extend the adit crosscut approximately 100 feet to intersect the No. 1 vein and the No. 2 vein, as indicated on the map attached to the contract, and then drift, not to exceed 100 feet, on one or both veins.

The directions of the drifts shall be determined by the Government after the crosscutting is completed.

STAGE II

After Stage I is completed, the existing access road and portal site shall be improved so that the drift on the No. 2 vein may be extended 500 feet to the southeast, in a minimum cross-section size 5 x 7 feet.

Estimated Costs of the Project
(*Indicates allowable maximum)

STAGE I

(1) Independent Contracts

None

(2) Labor, Supervision, Consultants

Wages for 4 miners @ $14.00 each per day for 3 months1/	$5,040.00	
Part-time geologist, as needed, to do the mapping and sampling	200.00*	$ 5,240.00

(3) Operating Materials and Supplies

Water and air pipe, air and water hose, drill steel and drill bits, pressure tank for water, gasoline, oil, explosives, and any other supplies and materials necessary to complete this project		1,400.00

(4) Operating Equipment

To be purchased

1 - Stoper drilling machine	680.00	

To be rented

1 - 210 C. F. Air Compressor at $225 per month for approximately 3½ months	800.00	

1/ The Operator may himself act as a miner and receive the wages specified but he shall supervise the work at no extra cost to the project.

To be furnished by the Operator

1 - 1½ ton International truck, depreciation allowance $50 per month for 3 months	150.00*	$ 1,630.00

(5) Rehabilitation and Repairs

None

(6) New Buildings, Improvements, Installations

None

(7) Miscellaneous

Rental of cabin for living quarters at $50 per month for 3 months	150.00	
Assays	200.00	
Workmen's Compensation, and Employers' Liability Insurance, payroll and sales taxes	500.00	850.00

(8) Contingencies

None

Stage I - Total estimated cost $ 9,120.00

STAGE II

Agreed Unit Costs

500 feet of drifting @ $34.00/ft. $17,000.00

The Government will contribute to the costs of the specified drifting on the basis of the above agreed estimated unit costs per foot, as they accrue, for units of work actually performed in lieu of actual costs. These unit costs include all costs of the work except those scheduled below to which the Government will contribute on the basis of actual costs. Work to the costs of which the Government will contribute on the basis

of agreed, estimated unit costs may be performed by independent contracts and contractors without reference to the provisions relating to independent contracts and contractors in Articles 4(a), 4(b), and 6(a)(1) of the contract form.

Actual Costs

(1) Independent Contracts

30 hrs. of bulldozing for improving road and portal site @ $15.00/hr.* (including an additional cost of not more than $50.00 for transportation of bulldozer to and from the site) $ 500.00*

(2) Labor, Supervision, Consultants

Consultant 300.00*

(3) Operating Materials and Supplies

None

(4) Operating Equipment

None

(5) Rehabilitation and Repairs

None

(6) New Buildings, Improvements, Installations

None

(7) Miscellaneous

Sampling and assaying 200.00

(8) Contingencies

None

Stage II - Total Estimated Cost $ 13,000.00

SUMMARY

Total Estimated Cost of Stage I	$ 9,120.00
Total Estimated Cost of Stage II	18,000.00
Total Estimated Cost of Project	$27,120.00*
Total Government Participation @ 50%	$13,560.00*

Executed in sextuplicate the day and year first above written.

ELMER ENDERLIN

By Elmer Enderlin

THE UNITED STATES OF AMERICA

By C O Mitchendon
Administrator, Defense
Minerals Exploration
Administration

Robin
H J Fleury
Chandler

DOCKET COPY

AMENDMENT NO. 1

It is agreed this 11th day of Aug. 1952, between the the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Elmer Enderlin and Henry Connolly, a partnership, General Delivery, Stanley, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract DMEA-2213 (zinc) Idm-2294 of April 16, 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 April 16, 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.

Enderlin & Connolly, a partnership
(Operator)

By Elmer Enderlin

By Henry Connolly

The United States of America

By Glenn A. Reed
A. E. Weissenborn, Exec. Officer
DMEA Field Team, Region II
for M. E. Volin, Acting Exec. Officer
DMEA Field Team, Region II

AUG 30 1952

Enderlin & Connolly, a Partnership
Exploration Project Contract Idm-E294
Amendment No. 1

Exhibit "F"

Changes and Modifications

1. In Exhibit "A" of the Contract, page 2, under (4) Operating Equipment, to be rented, delete the following:

1--210 C.F. air compressor at $225 per month for approximately 3½ months	$800.00

Add the following:

1---160 C.F. LeRoi air compressor depreciation allowance $40 per month for approximately 3½ months	$120.00

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

Docket No. DMEA 213
Commodity
Idm-E294

Docket Copy

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT 1/

It is agreed this 16th day of April, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and 2/ Lear Lucerlin and Henry Connelly, a partnership, P. O. Box 205 Kellogg, Idaho hereinafter called the "Operator," as follows:

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 "Regulations for 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:

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.

3/10 unpatented mining claims recorded at Custer County Courthouse, Challis, Idaho as follows: Meadow View #1 Book 13, Page 533; Meadow View #2, Book 13, Page 534; Meadow #3, Book 13, page 535; Meadow View #4, Book 13, Page 530; Red Robin, Book 13, Page 533; Red Robin #2, Book 13, Page 585; Red Robin #3, Book 13, Page 586; Jim Crow, Book 13, Page 584; Jim Crow #2, Book 13, Page 584; Lakeshore, Book 13, Page 587.
the Operator represents and undertakes:4/

(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 as to each of which the subordination agreement of the holder is attached: None

~~(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 90 (ninety) days from the date of this contract shall commence

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.

on a project of exploration for[5] _____

_____

in or upon the described land; and shall bring the project to completion within a period of _____ from the date of this contract. 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

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5/ Name of mineral or minerals.

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 [redacted] 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 [redacted] as owned and to be furnished by the Operator, [redacted] and allowable depreciation, are allowable maximums.

(5) Rehabilitation and repairs. Any necessary 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, workmens' compensation and employers' liability insurance and payroll taxes.

(8) Unforeseen. 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.

(b) The Government's payments in all cases will be based on actual, necessary costs (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 Operator 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 per cent of the allowable costs incurred, as they accrue, in an aggregate total amount not in excess of $ 4,560.00, which is 50 per cent of $ 9,120.00, 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) per cent 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 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 ten 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 ten years have elapsed, whichever occurs first, as follows:

(1) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton;

(2) One and one-half ($1\frac{1}{2}$) per cent of any such net amounts, plus one-half ($\frac{1}{2}$) per cent 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) 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 ($1\frac{1}{2}$) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) 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 ten 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 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 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 prorata share of any money remaining.

ARTICLE 13. Changes and added provisions. _____

_____

_____

_____

_____

_____

_____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Elmer Enderlin and Henry Lomelly, Partnership
Operator

By Frank E. Johnson
Acting Administrator,
Defense Minerals Exploration
Administration

By Elmer Enderlin Partner

By Henry Lomelly Partner

I, Hotlund (for) Chandler, 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]

16042

EXPLORATION PROJECT CONTRACT
ELMER ENDERLIN AND HENRY CONNOLLY
MEADOW VIEW MINING CLAIMS
DOCKET NO. DMEA-2213

EXHIBIT "A"
Statement of the Work

1. Extend the adit crosscut approximately 100 feet to intersect the No. 1 vein and the No. 2 vein, as indicated on the attached map.

2. Drift on one or both veins. The directions of the drifts shall be determined by the Government after the cross-cutting is completed. The total amount of drifting shall not exceed 100 feet.

Estimated Costs of Project

(Items followed by an asterisk are allowable maximums.)

(1) Independent Contracts

None

(2) Labor, Supervision, Consultants

Wages for 4 miners at $14 each per day for 3 months 1/	$ 5,040.00	
Part-time geologist, as needed, to do the mapping and sampling	200.00*	$ 5,240.00

(3) Operating Materials and Supplies

Water and air pipe, air and water hose, drill steel and drill bits, pressure tank for water, gasoline, oil, explosives, and any other supplies and materials necessary to complete this project	1,400.00

1/ Part of the labor may be performed by the Partners at the specified rate. Supervision will be done by them at no extra cost to the project.

(4) Operating Equipment

To be purchased

1 Stoper drilling machine	$ 680.00	

To be rented

1 - 210 C. F. Air Compressor at $225 per month for approximately 3½ months	800.00	

To be furnished by the Operator

1 - 1½ ton International truck, depreciation allowance $50 per month for 3 months	150.00*	$ 1,630.00

(5) Rehabilitation and Repairs

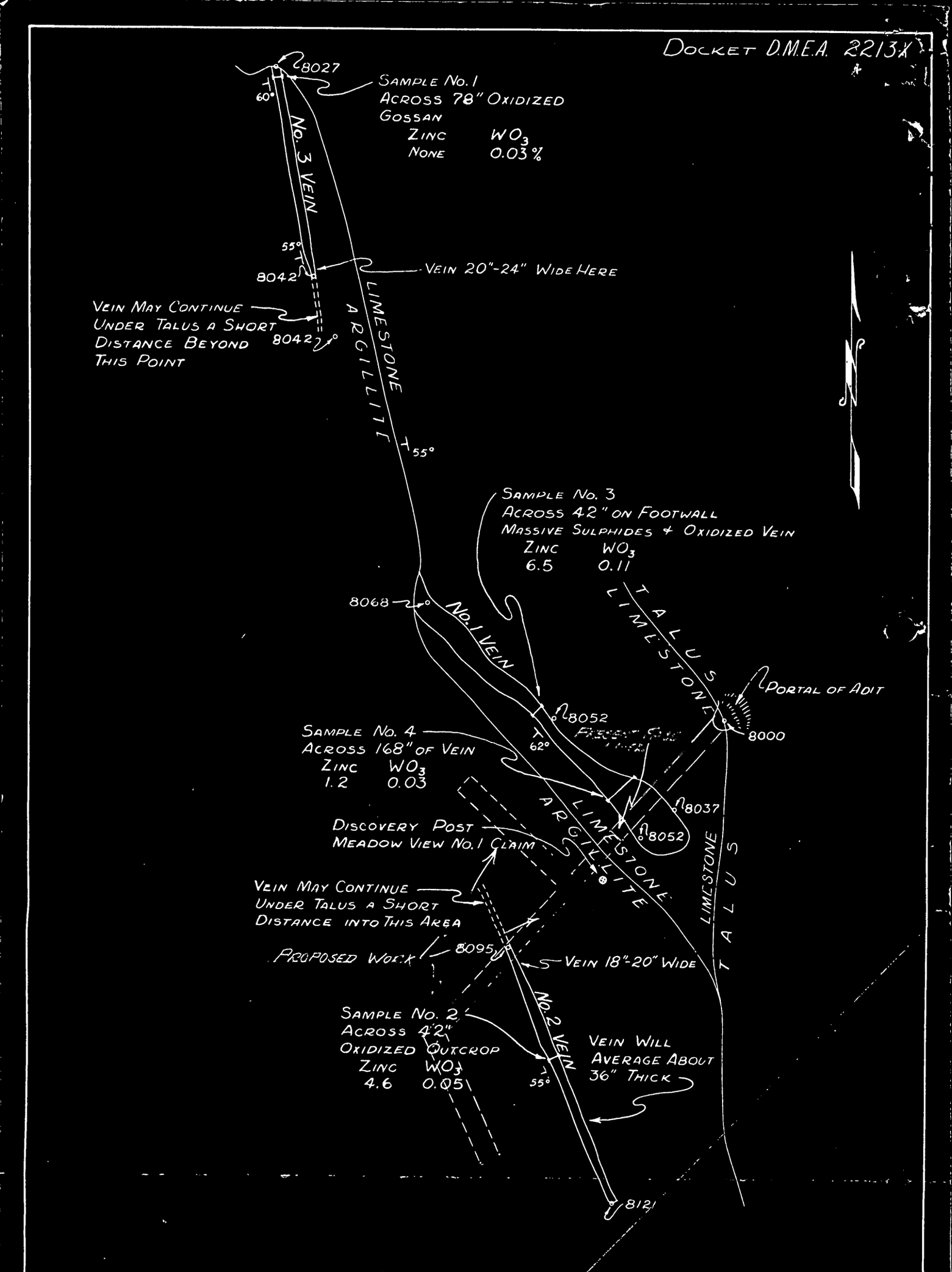
None

(6) New Buildings, Improvements, Installations

None

(7) Miscellaneous

Rental of cabin for living quarters at $50 per month for 3 months	150.00	
Assays	200.00	
Workmen's compensation, and employers' liability insurance, payroll and sales taxes	500.00	850.00
Total estimated cost		$9,120.00
Government's participation at 50%		$4,560.00



ENDERLIN and CONNOLLY PROSPECT

STANLEY, IDAHO-CUSTER, COUNTY

SCALE 1"=40'~ ELV. ASSUMED

TAPE AND COMPASS SURVEY AND GEOLOGY BY E. A. YOUNGBERG, U.S. GEOLOGICAL SURVEY JAN. 30-52

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

December 22, 1954

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

Re: Docket No. DMEA-2213 (zinc-tungsten)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Enclosed are the original and 2 copies of an application for more work on the property covered by the cited contract. It should be noted that tungsten has been added to the application as a metal being sought.

It is believed that sufficient information is available in this office so that an appraisal of the application can be made without a field examination. If further work is justified it probably should be done under an amendment to the present contract. An appraisal will be sent to you as soon as possible, but work cannot be continued at this property until about next July because of snow conditions.

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

Enclosure
cc: USBM (2)
Nickelson

11, East Mercury St.
Butte, Montana
Dec.13,1954

Mr.A.E.Weissenborn,
Executive Officer,
U.S.Geological Survey,
Spokane, Washington.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 27 1954

Docket no.2213
Contract E294

Dear Mr. Weissenborn:

Enclosed are copies of application forms together with maps and other information on the proposed lower adit on my Meadow View Mining Claims which I would like to have processed although I would not be able to start the project before July 1 st.at least due to snow conditions so I set the date on application for July 15, 1955.

I will also finish the present contract on upper tunnel at the same time while I am getting this lower portal started.

I would like to suggest that this new contract be put in as a tungsten project as the ore is much more valuable in tungsten than for zinc or would it be possible to have it as a zinc-tungsten project?

I am applying for 300 ft. of crosscutting to vein which is shown as no.3 vein on Exibit A of original contract and also 300 ft. of drifting on vein to South to get below present level and this should give us at least 250 ft. more length on ore-body.

I figure that I can do this work for the $34 per foot on a unit cost the same as I have on upper tunnel and should be able to work a longerr season at this level.

Sincerely Yours,

Elmer Enderlin
11 East Mercury Street,
Butte, Montana.

I will be at this address
until further notice.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

RECEIVED
DEC 15 1954
U. S. G. S.
SPOKANE, WASH.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. .....
Metal or Mineral .....
Date Received .....
Estimated Cost .....
Participation (Government %) .....

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Elmer Enderlin (Meadow View Mine)
Stanley, Idaho

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Unpatented mining claims, Meadow View 1-2-3-4
Red Robin 1-2-3 Jim Crow 1-2 and Lakeshore

(*b*) State any mine name by which the property is known. Meadow View Mine

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it None except present DMEA contract Docket no. 2213 Contract 294

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. Some ore stockpiled

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. All maps on file with USBM and USGS Offices

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. plentiful

16—66551-1

5. *The exploration project.*—(a) State the mineral or minerals for which you [illegible] to explore zinc-tungsten.

(b) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(c) The work will start within July 15, 1955 days and be completed within 24 months from the date of an exploration project contract.

(d) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. 20 years experience

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(a) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). none

(b) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(c) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(d) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(e) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project. none

(f) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project. none

(g) *Miscellaneous.*—Furnish a detailed list showing the cost of 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.

(h) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—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 the contract, should be included in the estimate of costs.

7. (a) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)? yes

(b) How do you propose to furnish your share of the costs?

☒ Money ☒ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated Dec.15, 1954

Elmer Enderlin
(Applicant)

By Elmer Enderlin
Owner

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

Custer County Courthouse, Challis, Idaho

	Book	Page
Meadow View no. 1	13	533
Meadow View no.2	13	534
Meadow View no. 3	13	535
Meadow View no. 4	13	536
Red Robin	13	533
Red Robin no.2	13	585
Red Robin no.3	13	586
Jim Crow	13	584
Jim Crow no.2	13	584
Lakeshore	13	587

-Estimate of cost- month

Wages	at $18 per day + overtime	1100.00
powder, caps & fuse		500.00
steel & bits		300.00
rental on mucking machine		200.00
depreciation on compressor		25.00
depreciation on truck		50.00
rails		200.00
gas & oil		350.00
pipe		125.00
depreciation on I-R Air-leg rock drill		25.00
track ties & spikes		125.00
Compensation Ins.		100.00
repairs to machinery		200.00
lamps & carbide		25.00
missalanious tools		100.00
Estimated cost at 100 ft. per month		3425.00

For use in determining unit cost of $34.00 per foot on new proposed lower portal and cross-cut including 300 ft. of drift on vein to develope ore-body on lower level approximately 140 ft. verticly below present contract. This proposed contract would consist of 300ft. of cross-cutting and 300ft. of drifting on vein and should give us about 250 ft. more length on ore-body.

Total contract would total 600 ft. of cross-cutting and drifting for total cost of $20,400 at $34. per ft.

Present contract
Docket no. 2213
contract E294

Meadow View Mine, Custer County, Idaho.

Elmer Enderlin
Stanley, Idaho

Owner.

MEADOW VIEW MINE

DMEA DOCKET NO. 2213

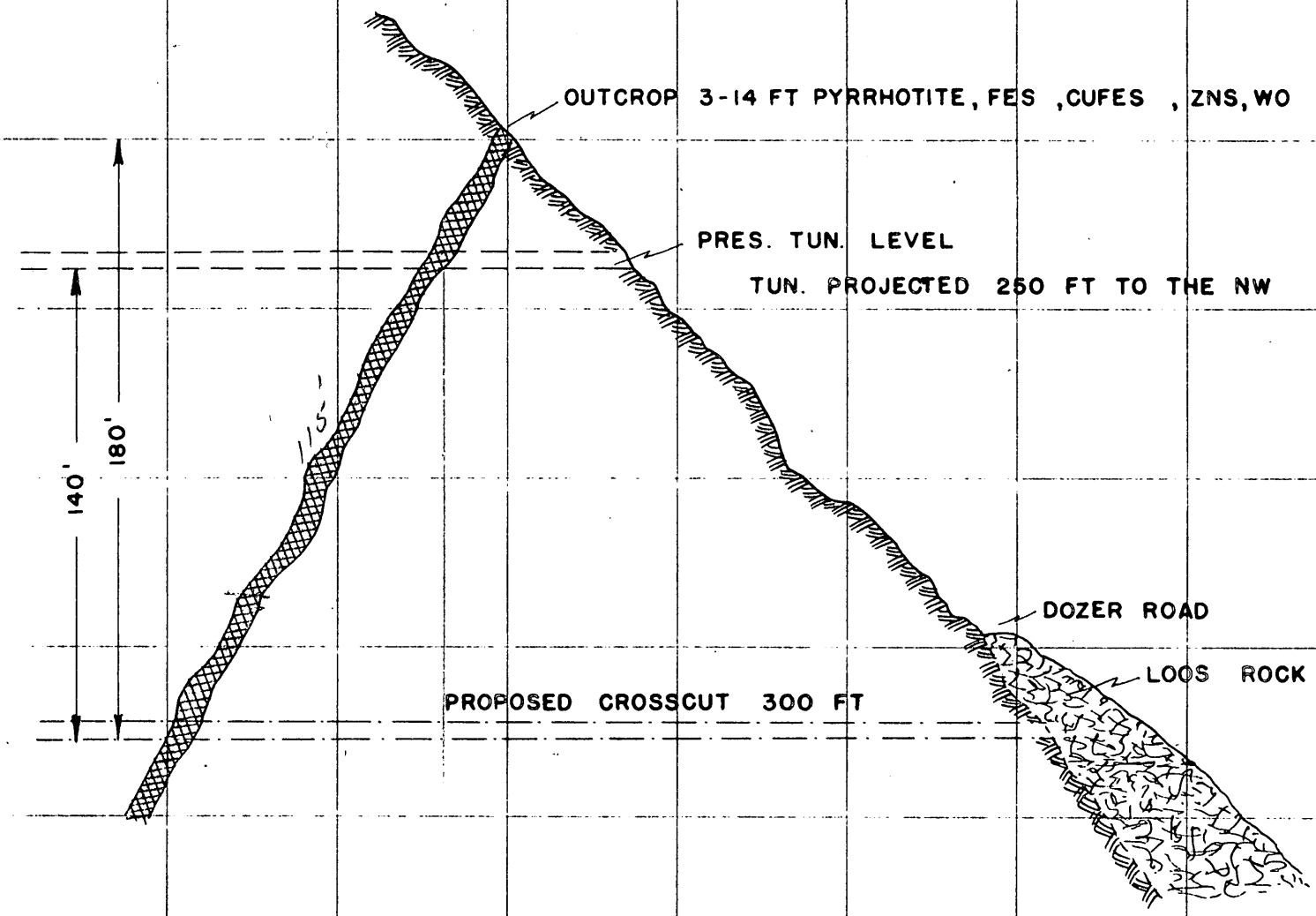
CUSTER CO., IDAHO

CROSS SECTION

BEARING OF THE SECTION : N 60° E

LOCATION OF THE SECTION : 250 FT NW OF PRESENT TUNNEL PORTAL

SCALE : 1" = 50'



OCT. 15, 1954 T.K.

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

dmea 2213

c/o Fluorspar Mine
Challis, Idaho
Feb. 16,1953

Mr. A.E.Weissenborn,
Region 2,
DMEA Feild Team
157 So. Howard St.
Spokane, Wash.

Gentlemen:

In as much as we have completed our proposed work on DMEA zinc contract # I-dm-294 Docket # 2213 on Meadow Veiw Mining Claims in Custer Co. Idaho and also that Myself and Mr. Henry Connolly have since dissolved Partnership I would suggest that we terminate said exploration contract.

Also at the same time I would be in favor of entering into an entirely new contract with the DMEA on the basis of tungsten exploration since our developement work in 1952 season has revealed a considerable amount of tungsten and has a far better value than the zinc content at the present metal prices.

Sincerely Yours,
Elmer Enderlin
Elmer Enderlin

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. dmea 2213
Metal or Mineral
Date Received 5-3-53
Estimated Cost
Participation (Government %)

MAY 3 1953

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Elmer E. Enderlin
Stanley, Idaho.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Meadow View #1-2-3-4
Red Robin #1-2-3 Jim Crow and Jim Crow #2 and Lakeshore

(*b*) State any mine name by which the property is known. Meadow View Mine

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it None except DMEA zinc project # 294 Docket # 2213

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes.

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades.

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you.

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points.

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. Plentiful

16—66551-1

5. *The exploration project.*—(*a*) [redacted] the mineral or minerals for which you wish [redacted] explore Tungsten and Base

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within ..... days and be completed within ..... months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations.

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of 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.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—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 the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

☑ Money ☑ Use of equipment owned by you ☑ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated Feb. 16, 1953

Elmer Enderlin
(Applicant)

By .....

.....

.....

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

Those Mining Claims Recorded at Custer County Courthouse, Challis, Idaho.

Meadow View #1
Book 13 Page 533

Meadow View #2
Book 13 Page 534

Meadow View 3
Book 13 Page 535

Meadow View #4
Book 13 Page 536

Red Robin
Book 13 Page 533

Red Robin #2
Book 13 Page 585

Red Robin #3
Book 13 Page 586

Jim Crow
Book 13 Page 584

Jim Crow #2
Book 13 Page 584

Lakeshore
Book 13 Page 587

(4) Claims located in August 1950 with 2¼ miles of access road constructed with bulldozer and about 50 ft. of crosscut started to cut two veins below surface during 1951.

Entered into contract with DMEA for $9,120 to complete crosscut to cut both veins and to drift on both veins not to exceed 100 ft. with total of 110ft. of crosscut and 95 ft. of drift on veins completed during 1952 season at a cost of about $6,800 under management of Elmer Enderlin.

(c)

Maps and assay sheets on file at DMEA Feild Office.

(d)

Access road should be improved to property which could be done for a reasonable cost of $500. for bulldozer so as to provide better access to mine from present camp.

(5)

I plan to continue drift on #2 vein a distance of 500 ft. in a S.E. direction to get under high peak to South to explore this #2 vein and also get into position to either crosscut or diamond drill other known veins.

(6) Unit Cost

~~Independent~~ contract at $35. per ft. of drift.

Independent Contract 30 hrs. of bulldozer work on road at $15. per hr. plus $50. for moving time. $500. total.

(7) Yes.

(b)

I expect to furnish my share of project in money, labor and machinery owned by me — 1 - 160 cu. ft. Le Roi air compressor, 1 - J.A 55 jackhamer with airleg., 100 ft. 1" air hose, 100 ft. water hose, pressure tank for water, 1½ ton International truck, 1 - ¾ ton International Pickup, complete outfit of small tools and access to complete camp under lease to myself a distance of 2¼ miles from property.

1 Ingersal Rand R48 Stoper now jointly owned by myself and Government.

QUIT CLAIM DEED

THIS INDENTURE MADE this day of October 1952 between Henry Connolly, of Kellogg, Shoshone County Idaho, party of the first part, and,
Elmer Enderlin, Challis, Idaho, party of the second Part,

WITNESSETH:

That the said party of the first part for and in consideration of the sum of,
ONE DOLLAR AND OTHER CONSIDERATIONS to him in hand paid, the receipt of which is hereby acknowledged from said second party,
HAVE REMISED, RELEASED AND FOREVER QUITCLAIMED and by these presents do remise, release and quitclaim unto the said party of the second part, and to his heirs and assigns those certain mining claims located in Boulder (Unorganized) Mining District, Custer County, Idaho, to wit:

"Meadow View #1, 2, 3 and 4,
Red Robin #1, 2 and 3.
Jim Crow #1 and 2,
Lakeport".

TO HAVE AND TO HOLD ALL AND SINGULAR the said Mining claims unto the said party of the second part and to his heirs and assigns forever.
IN WITNESS WHEREOF I have hereunto set my hand the day and year first above written.

x Henry Connolly

STATE OF IDAHO,
COUNTY OF SHOSHONE SS:

Personally appeared before me Henry Connolly, known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same.

L. T. Morrison
Notary Public

No. 105943

State of Idaho }
County of Custer } ss.

This instrument was filed for record at the request of

Clover Ewalin

at 9 o'clock A. M.

Nov. 29 1952

and duly recorded in Vol. 30

of Deeds

Page 125

Records of Custer County, Idaho

John Boyd
Ex Officio Recorder.

By Howard Baxter
Deputy.

Fees $1.00

Indexed
Compared

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

October 31, 1951

OFFICIAL FILE COPY

To		Date
400	bl	11-15-51

Mr. Tom Lyon, Chairman
Commodity Committee
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Lyon:

Enclosed are three copies of form MF-103 submitted by Messrs. Enderlin and Connolly of Box 285, Kellogg, Idaho.

One copy of this form has been retained to facilitate a field examination.

Sincerely yours,

A. E. Weissenborn RG

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

NOV 5 1951

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. dma 2213
Metal or Mineral Tungsten & Zinc
Date Received 11-5-51
Amount $
Participation (Government %)

Name and address of applicant

Elmer Enderlin
Henry Connolly
Box 285
Kellogg, Idaho.

Partnership

Date Oct. 26, 1951

If you have already filed MF-100, give date filed ....., type of assistance requested .....,

DMA Docket Number (if available) No. D. M. A. ~~1934~~ 2213

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

16—64067-2

NOV 5 1951

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO-5)?

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

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.

Elmer Enderlin
Henry Connolly Partnership
(Name of company)

By Elmer E Enderlin
Henry Connolly
(Signature of authorized official)

Oct 26, 1951
(Date)

(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

2213

DOCKET NO. D. M. A. ~~1734 X~~

1.

1. (a) Meadow View Mining Claims No. 1, 2, 3 and 4 with six additional Claims located joining the above.
In Boulder (Unorganized) Mining district, Custer County, Idaho
Elmer Enderlin and Henry Connolly (Partnership)

2.

2. (a) Tungsten and Zinc

3.

Complete crosscut which was advanced 52 ft. this year, approximately 100 ft farther west to cut # 1 and # 2 veins and drift on same and run raise on one or both to surface.

Build ore bin if ore is of commerical grade to justify shipping to mill or smelter.

(b) Project to start July 1st 1952 should be completed Oct 15, 1952

4.

Sending picture showing approximate distance to veins and portal of crosscut.

5.

There are no buildings on the property but we have lease and option on three room house for camp 2½ miles distance from this property.

6.

At present time we will not need any additional buildings.

7.

(a) Rent on 210 C. F. Air compressor at $225.00 per month ,3½ Months ..$800.00
(b) 300 Ft. 2 inch pipe at $.80..... 240.00
" " ½ " " " .18 ..... 54.00
100 ft. air hose @ .70 ..... 70.00
50 " Water Hose @ .50 ..... 25.00
1 Stoper 680.00
4 sets of stoper steel with bits 125.00
1 pressure tank for water 40
$2,034.00

(c) 1- 1½ ton International truck (flatbed) use of machinery and truck $50.00 for 3 months $150.00
1- Mine care
500 ft light mine rails
Tent and camping equipment.
Use of Cabin with running water $50.00 per month, 3 month....$150.00

8.

Four miners @ $14.00 per shift $840.00 per month, 3 months	$5040.00
Insurance, State compensation	500.00
	$5540.00

9.

1 ton of powder @ $23.00 per 100	$460.00
Fuse 6000 Ft @ .01½	90.00
Blasting caps	15.00
Gasoline 1000 Gals @ .27	270.00
Oil	10.00
	$845.00

Costs

Equipment	$2034.00
Wages.....	5540.00
Materials.....	845.00
	$8419.00
Less partners wages and equipment they have	3170.00
	$5249.00

10.

Yes

11.

Without heavy Machinery this is a seasonaly project, all material and equipment must be available to start work by the 1st of July.

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. domestic 22213

Date received 2-11-52

Meadow View Mining Claims

Enderlin & Connolly
Box 2285
Kellogg, Idaho

Name and address of applicant

Date December 3rd, 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?
   (*b*) What are the byproducts, if any?
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:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

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

Defense Minerals Administration
FEB 11 1952

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

Enderlin & Connolly
(Name of company)

By Elmer Enderlin
(Signature of authorized official)

December 3rd, 1951
(Date)

Co-Owner
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

General Technical Data
Docket # DMA-2213
Meadow View Mining Claims

1. Materials produced:
   (a) Tungston and zinc
   (b) Lead, silver, copper and gold.

2, Meadow View # 1,2,3 and 4 located August 1950, with six additional claims joining located 1951.
   (a) None
   (b) 52 ft. of crosscut run in 1951.
   (c) None
   (d) None

3.
   (a) About 63 miles north from Ketchum, Idaho, Railroad station
   (b) Boulder (unorganized) mining district.
   (c) Township 9 North, Range 15 E. Boise Meridian, Section unavailable at this time.
   (d) Custer County, Idaho

4.
   (a) Worked in summer months only-July, August, September, and possibly October, without heavy equipment to remove snow.
   (b) Owners (Partnership)

5. None

6. Approximately 40 years combined experience at mining.

7.
   (a) Located August 1950 by Elmer Enderlin and entered into partnership with Henry Connolly. Built two miles of access road to property from Forest Service road. Rented machinery and run 50 ft. of crosscut but did not reach first vein before closing for winter.
   (b) There are several producing mines in the district; Clayton Silver to the north at Clayton, Idaho; The Triumph Mining Company, Hailey, Idaho, to the south, and others.
   (c) We sent assay reports to your office with first application last spring. We have no more assay reports, with exeption of a tungston sample of #1 or larger outcropping 0.27%, #2 outcropping 0.86% (WO3). This sample was taken and assayed by Roger H. Mc Connell, Chief Geologist for Bunker Hill and Sullivan Mining Company at Kellogg, Idaho. This property has been examined by Elton A. Youngburg, U. S. G. S., Spokane, Washington.

8. Elmer Enderlin and Henry Connolly (partnership) P. O.Box 285, Kellogg, Idaho. From June 15th to Oct. 15th our address will be: Stanley, Idaho.

9. None.

10. None.

11. None

12. ~~50 miles of Highway #93 from~~
Two outcroppings about 70 ft. apart, #1 from 4 to 12 ft. wide over distance of 200 ft. #2 average width approximately 3 ft. over distance of 100 ft. Can trace the tungston over a distance of 3000 ft. on surface.

General Technical Data
Docket # DMA-2213
Meadow View Mining Claims

13. 50 miles of Highway #93 from Ketchum railroad station, 11 miles Forest Service road, (very poor condition) 2 and 1/4 miles of private road to claims.

14. Water supply plentiful from mountain lakes and springs.

15. Gasoline power.

16. None. Should hire two miners to complete project in season.

17. We have 1 and 1/2 ton International truck, mine car, and track. Have lease and option on property two miles from this project with cabin completely furnished with running water and camping equipment.
Will not need any additional buildings next season.

18. We cannot get any help on Forest Service road and it is in no condition for trucks.
This is seasonal project as the altitude is 9100 ft. and would require heavy machinery to work the year around.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/29/70		120
1/29	Cal	220
		130

1/29/70

AIRMAIL

Mr. Thomas E. Richards
Geological & Mining Engineer
P. O. Box 37
Challis, Idaho 83226

JAN 29 1970

Re: DMEA-2213 (Zinc)
Elmer Enderlin and Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Dear Mr. Richards:

We have been authorized by Mr. Elmer Enderlin, owner of the property and operator under the subject DMEA contract, to make available to you information regarding the property that may be useful in the preparation of a prospectus. The following material pertaining to the Meadow View Mine is available for duplication:

1. Operator's Final Report — ✓ One page 8½" x 11"; ✓ Two pages 8½" x 9½"
2. Certification by the United States of a Discovery or Development — ✓ One page 8" x 10½"
3. Exploration Project Contract — ✓ Nine pages (seven pages both sides) 8" x 10½"; One map 8" x 12"
4. Amendment No. 1 — ✓ Two pages 8" x 10½"
5. Amendment No. 2 — ✓ Five pages 8" x 10½"
6. Amendment No. 3 — One page 8" x 10½"; One page 8" x 12½"
7. Composite Surface and Underground Geologic Map Scale: 1" = 20' — 2'10" x 17"
8. Plate 1 Surface Geologic Map Scale:1" = 20' — 36" x 26"
9. Plate 2 Underground Geologic Map Scale:1" - 20' — 36" x 26"

10. Figure 1 Section through Vein No. 1 Scale: 1" = 40' — 8" x 10½"

11. Figure 2 Section through Vein No. 1 Scale: 1" = 40' — 8" x 10½"

One or more copies of this material may be ordered by contacting:

Cooper-Trent, Inc.
1521 North Danville Street
Arlington, Virginia 22201
Attention: Mr. Marvin Mundy

Please send the enclosed copy of this letter to Cooper-Trent, Inc., with your letter of instructions when ordering copies. Cooper-Trent, Inc., will contact you regarding cost of reproductions.

All further correspondence relating to the procurement of copies of this material will be with the above company rather than with this office.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo
Chief, Office of
Minerals Exploration

For the attention of Mr. Mundy:

Please return the enclosed material to:

Mr. Harold Kirkemo
Office of Minerals Exploration
U. S. Geological Survey
Room 4460, Interior Department
Washington, D. C. 20242

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region I w/cy Mr. Enderlin's letter
Mr. Kirkemo

HKirkemo/gla 1-29-70

P.O. Box 96
Lower Lake
California
Jan. 25, 1970

Mr. Harold Kirkemo
Chief O.M.E. Office
Washington, D.C.

copy typed for R-1

Dear Mr. Kirkemo:

In answer to your letter of Jan 23, 70 in regard to my Meadowvied mining property. Docket DMEA 2213.

I would appreciate it if you would give Mr. Richards of Challis, Idaho any information you can regarding my property as we are planning to try to put this property into production.

Or anyone else who might be interested in this information

Sincerely, Elmer Enderlin

United States Department of the Interior

GEOLOGICAL SURVEY
WASHINGTON, D.C. 20242

OFFICIAL COPY
O. M. E.
RECEIVED
JAN 28 1970
INITIALS | CODE
gla | 130
| 120
| 220

AIRMAIL

JAN 23 1970

Mr. Elmer Enderlin
c/o Henry Enderlin
Lower Lake, California 95457

Re: DMEA-2213 (Zinc)
Elmer Enderlin and Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Dear Mr. Enderlin:

Mr. Willard P. Puffett, OME Field Officer in Spokane, Washington, referred to us a letter dated January 12, 1970, from Mr. Thomas E. Richards of Challis, Idaho. Mr. Richards requests certain information from DMEA files on the subject property and states that this information is to be used on your behalf in the preparation of a prospectus.

Before this information may be released to Mr. Richards, we would appreciate receiving a letter from you authorizing the release of information to Mr. Richards. Upon receipt of your approval, we will advise Mr. Richards the nature of the material that can be made available to him.

Sincerely yours,

Harold Kirkemo

Harold Kirkemo
Chief, Office of
Minerals Exploration

Copy to: Mr. Thomas E. Richards
Geological & Mining Engineer
P. O. Box 37
Challis, Idaho 83226

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
1/22/70		120
1-23		220
		130

AIRMAIL

Mr. Elmer Enderlin
c/o Henry Enderlin
Lower Lake, California 95457

JAN 23 1970

Re: DMEA-2213 (Zinc)
Elmer Enderlin and Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

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Mr. Willard P. Puffett, OME Field Officer in Spokane, Washington, referred to us a letter dated January 12, 1970, from Mr. Thomas E. Richards of Challis, Idaho. Mr. Richards requests certain information from DMEA files on the subject property and states that this information is to be used on your behalf in the preparation of a prospectus.

Before this information may be released to Mr. Richards, we would appreciate receiving a letter from you authorizing the release of information to Mr. Richards. Upon receipt of your approval, we will advise Mr. Richards the nature of the material that can be made available to him.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo
Chief, Office of
Minerals Exploration

Copy to: Mr. Thomas E. Richards
Geological & Mining Engineer
P. O. Box 37
Challis, Idaho 83226

cc: Director's Reading File
Mineral Resources
OME docket
OME Reading File
OME Region I
Mr. Kirkemo

HKirkemo/gla 1-22-70

RECEIVED
JAN 13 1970
O. M. E.
SPOKANE, WASH.

January 12, 1970

Mr. Willard Puffett
U. S. Geological Survey
West 920 Riverside Avenue
Spokane, Washington 99204

Dear Mr. Puffett:

I have been retained by Messer Elmer Enderlin of Clayton, Idaho to make an inspection and geological evaluation for a forthcoming prospectus of the Meadow View Mine.

A DMEA loan was approved for this property and the contract work began in 1952. Geological mapping, sampling, and calculation of ore reserves were done by Thor H. Kilsgaard and G. W. Fuller of the U.S.G.S. The D.M.E.A. docket number assigned to this property is 2213.

I wrote to S. Warren Hobbs at the Denver Federal Center requesting copies of maps, analyses, geologic reports, and estimates of ore reserves. He gave me your address at the Spokane office. I would certainly appreciate any information that you may be able to provide me. I am prepared to pay for any and all copies that you may be able to forward to me.

I am enclosing copies of letters received or written by me concerning the Meadow View Mine property. Mr. Lloyd Sanders is the attorney retained by Messer Elmer Enderlin to help with legalmatters and the underwriting of the stock according to the rules and regulations of the Security Exchange Commission.

If a letter from Messer Elmer Enderlin is required before any information can be released to my office, I am supplying his present address and phone number for your files:

Elmer Enderlin
c/o Henry Enderlin
Lower Lake, California 95457
phone evenings: 707-994-2182

If I can be of any further assistance please contact me at your convenience.

Very truly yours,

Thomas E. Richards

Thomas E. Richards
Geological & Mining Engineer
P. O. Box 37
Challis, Idaho 83226

enc: 3 letters

TER/jr

MME FORM 6 REFERENCE SLIP
REV. 2-59 OFFICE OF MINERALS E RATION

	DATE	INITIALS
TO: Chief, OME	1/19/70	
1. Re: DMEA 2213 (Zinc)		
2. Elmer Enderlin and Henry Connolly		
Meadow View Mine		
3. Custer County, Idaho		
Contract Idm-E294		
4.		
5. Willard P. Puffett		
FROM: Field Officer, Region I		

OFFICIAL COPY
O. M. E.

FOR: Check items for action desired

X Action ____ Reply for signature of
____ Approval ____ Investigate
____ Comment ____ Recommendations
____ Conference ____ Rewrite
____ Instructions ____ Your information

____ Surname
____ Signature
____ File

REMARKS: Attached is letter requesting information from our files to be used in preparing prospectus for securities registration. We have maps prepared by DMEA personnel but nothing by Operator. Because of the rather specialized use to which this information will be applied, I think it best for you to reply to Mr. Richards.

INT.-DUP. SEC., WASH., D.C.

M56300-62

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

RECEIVED
JAN 13 1970
U. S. G. S.
SPOKANE, WASH.

January 7, 1970

Airmail

Mr. Thomas E. Richards
P. O. Box 37
Challis, Idaho 83226

Dear Tom:

I am sorry to be so tardy in answering your letter and Christmas card, but there seems to have been no time to collect my wits regarding your request about the Meadow View Mine. Just too much holiday confusion.

Actually, I know very little about the property personally. You no doubt have Cook's Idaho Bureau of Mines and Geology pamphlet 108 that gives a condensed version of the geology. The DMEA reports on the property are probably in the Spokane office of the U.S.Geological Survey (West 920 Riverside Avenue, Spokane, Washington 99204). I'm sure these could be examined provided that you have the permission of the property owners. For information on these documents you should write to Willard Puffett, U.S. Geological Survey, Spokane.

These are about the only leads I can give you on the mine and hope they prove of some benefit. I trust you had a good holiday season. Please give my best wishes to the family.

Sincerely yours,

Warren

S. Warren Hobbs

RECEIVED
JAN 13 1970
O. M. E.
SPOKANE, WASH.

109 W. Idaho Avenue
Kellogg, Idaho 83837
November 24, 1969

Mr. Thomas E. Richards
Box 37
Challis, Idaho 83226

Dear Mr. Richards:

I recently received a letter from Mr. Elmer Enderlin of Clayton, Idaho requesting I forward to you three sketches of the Meadow View Mine, plus a surface and underground geologic map of the Meadow View Mine.

If I can be of any further service to you regarding the above please feel free to call on me.

Sincerely,

Lloyd Sanders

Lloyd Sanders

RECEIVED
JAN 13 1970
O.M.E.

December 4, 1969

Mr. Lloyd Sanders
109 West Idaho Avenue
Kellogg, Idaho

Dear Mr. Sanders:

I received your letter of November 24, concerning the Meadow View Mine owned by Messer Elmer Enderlin of Clayton, Idaho.

Thank you for the surface geologic map, the map pertaining to the proposed crosscut, the underground geologic sketch map, and the underground assay map. I shall return these maps to you as soon as my geologic report is completed.

Mr. Enderlin indicated that you had an extension to the underground sketch map. If this is the case, I would appreciate a copy.

Very truly yours,

Thomas E. Richards

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
	[illegible]	120
	[illegible]	800
5/14	[illegible]	110
	[illegible]	100
		220

MAY 14 1965

Federal Resources Corporation
P. O. Box 158
Hailey, Idaho

Re: DMEA-2213 (Zinc)
Elmer Enderlin and Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Gentlemen:

Enclosed is a copy of a self-explanatory letter of today to the Operator under the subject contract.

This correspondence relates to the Lease and Option Agreement dated December 5, 1964, between your corporation and Elmer Enderlin and Lamar Enderlin and Lily Enderlin.

Sincerely yours,

George Fumich, Jr.

Acting Director

Enclosure

MMerrithew/mm (5/13/65)
cc: Director's Reading File
Region I
Docket
120M

23263

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

April 21, 1965

Re: DMEA-2213 (Zinc)
Elmer & Connolly Enderlin
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Federal Resources Corp.
1370 South Third West St.
Salt Lake City, Utah

Gentlemen:

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

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

This inquiry relates to a letter of November 23, 1964, from Mr. Elmer Enderlin to us, stating that he had granted a lease and option on the subject property to your company.

Sincerely yours,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

OFFICIAL COPY
O. M. E.
RECEIVED
MAY 10 1965

INITIALS	CODE
GCS	800
	900
	110
	120
	120

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. ~~Since~~ From November 1964 to April 16, 1965, 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 ☐

Lease

2. ~~Since~~ From November 1964 to April 16, 1965, 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.

None stockpiled

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since 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 Roger Bonghart
For Federal Resources Corp
Address Box 158
Hailey, Idaho

Title Geologist
Date May 4, 1965

4511

#4

approximate Location of
#1 and 2 veins or outcropping
on Meadow View claims.
also portal of cross cut 50 ft
East of #1 vein.

18

LEASE AND OPTION

AGREEMENT

THIS AGREEMENT OF LEASE AND OPTION, made and entered into this 5th day of DECEMBER, 1964, by and between Elmer Enderlin and Lamar Enderlin and Lily Enderlin (hereinafter designated and referred to as Lessor), and FEDERAL RESOURCES CORPORATION, a Nevada corporation (hereinafter designated and referred to as Lessee).

WITNESSETH:

WHEREAS, Lessors represent that they are the owners and entitled to the possession of those certain mining claims, rights, and interests described in Exhibit "A" attached hereto and by this reference made a part hereof, (said mining claims, rights, and interests being referrred to hereinafter as "Mining Properties") and that said Mining Properties" are not subject to any conflict, lien, claim, demand, encumbrance, royalty, overriding royalty, or rights of third parties except as expressly set forth in said Exhibit "A".

1. NOW, THEREFORE, Lessor, in consideration of the sum of FIVE HUNDRED DOLLARS ($500.00), the receipt and sufficiency of which is acknowledged by Lessor, and in further consideration of the royalties, considerations and covenants herein provided, do hereby grant demise and let unto Lessee the whole of said "Mining Properties" to Lessee for a term of THREE (3) years from the date hereof and so long thereafter as Lessee performs the minimum work requirements provided for in Paragraph 6 of this lease, together with the right to renew for an additional term of FIFTEEN (15) years. During the terms hereof, Lessee shall have and hold exclusive possession of the "Mining Properties", and the exclusive right to conduct, in respect of the "Mining Properties" and any and all minerals located thereon or thereunder, any and all exploration, development, mining, marketing and related and incidental operations, whether on or under the surface of the "Mining Properties", considered to be advisable by Lessee. Lessee shall have the right to make any use of the surface and/or workings, upon or within the "Mining Properties" which it may, in its discretion, determine to be necessary or desirable in connection with operations

upon other properties, whether or not adjacent to the "Mining Properties."

2. Lessee agrees to pay the Lessor as royalty the following percentage of the "net mill returns" on all ores or concentrates shipped from the leased premises.

A. Five percent (5%) of the net mill return.

B. The term "net mill return" shall be determined to be;

(i) the amount paid by the purchaser of such materials (after deducting such purchasers' usual charges and deductions) less freight, thawing, sampling, assaying, and umpire costs

(ii) in the event Lessee shall ship such materials to a purchaser that is an affiliate, then the amount paid by such purchaser to Lessee shall not be less than the amount that would have been realized if the same materials had been shipped to the nearest custom purchaser, less forementioned costs.

C. A report respecting royalty shall be made not less frequently than the 25th day of each calendar month hereafter. Said reports shall be accompanied by payment of royalty if there has been production and if receipts have been realized and received upon the sale of said production. Lessor, at their expense, will be permitted to have their own assays taken if they so desire, but will not interefere with Lessee's operation in so doing. Payments of royalty shall be made as follows:

75% to: Elmer Enderlin
c/o Custer County Bank
Challis, Idaho

25% to: Lamar and Lily Enderlin
803 South Main
Butte, Montana

or in such other depository bank as Lessor may designate from time to time by written notice to Lessee as prescribed in Paragraph 17 below In the event production of ores and minerals from "Mining Properties", or any portion thereof, shall be burdened or affected by or chargeable with any mineral interest or other encumberance or lien of any nature whatever heretofore reserved or created by any act or instrument of Lessor, or of any predecessor in interest of Lessor. Lessee may withhold from the specified royalty, payable as aforesaid, any amounts due or payable on account of any such reserved or created interest, encumbrance or lien and pay over such withheld amounts to the party

or parties entitled thereto and shall only be obligated to pay to Lessor the remainder of the above-described royalty.

D. All royalties paid shall be creditable as payments upon the purchase price as hereinafter stipulated in Paragraph 11 of this agreement at the option of Lessee and without prior notice to Lessor.

E. Commencing January 1, 1968, and every year thereafter, Lessee shall make a minimum payment of TEN THOUSAND DOLLARS ($10,000.00) per year by royalties and/or rental payments. Said amounts paid in conjunction with this paragraph shall be considered to be payments of rent by Lessee to Lessor.

F. It is agreed that no provision of this "Lease Option Agreement" shall be deemed to obligate Lessee, either expressly or impliedly, to construct a mill or to cause raw ores to be processed, refined, or milled prior to sale.

3. Lessee shall conduct exploration, development, and mining operations in a good and minerlike fashion. Lessee shall furnish Lessor with information relating to exploration, development, and mining sufficient to keep Lessor advised. In the event that the lease is terminated prior to the expiration of the first period, Lessor shall be furnished with copies of all of Lessee's engineering and geological data relating to the "Mining Properties."

4. Lessor shall have the right, exercisable at reasonable times and in a manner which will not interfere with Lessee's operations and at Lessor's sole risk, to go upon the "Mining Properties" for the purpose of inspecting operations thereon. Lessor shall have the right, at reasonable times, to inspect and make examination of such part of the books records of Lessee as reasonably required to determine the amount of royalty due to Lessor.

5. Lessee will perform assessment work required by the laws of the State of Idaho and the United States of America in respect of the "Mining Properties" at least sixty (60) days prior to the end of each annual assessment period, commencing with the assessment period beginning September 1, 1964.

6 It is agreed that in lieu of performing the work requirements for a given year, Lessee may pay to Lessor the sum of FIVE THOUSAND DOLLARS ($5,000.00) for such year, payable at least thirty (30) days prior to the end of such year. In the event that the work requirements are fulfilled in part but not in their entirety in respect of a given year, then the payment to be made to Lessor in lieu of the work requirements shall be a proportionate part of the said FIVE THOUSAND DOLLARS ($5,000.00) depending upon the ratio which the work done bears to the required work. In no way shall

payments under this Paragraph 6 be construed as applied to Paragraph 2 or Paragraph 11 of this contract. It is further understood that the requirements of this Paragraph 6 do not apply after January 1, 1968, in the event Lessee exercises its right to renew as per Paragraph 1.

7. Lessee agrees to pay, prior to delinquency, all taxes that may be levied against the said "Mining Properties" for all years Lessee is in possession. Lessee shall further pay taxes levied or assessed against mining machinery, tools, equipment, and improvements placed on the "Mining Properties" by Lessee. Lessor shall pay all taxes levied on account of their receipt of any and all payments under this lease agreement. In the event the production of ore from the "Mining Properties" for the succeeding year as a producing mine, all taxes which are computed on the basis of such production shall be paid by Lessee.

8. Lessee agrees to comply with all applicable requirements and provisions of the laws of the State of Idaho, including Workmen's Compensation laws and applicable rules and regulations, if any, of the United States of America.

9. Lessee agrees that in its possession, occupancy, and work upon said property, it will comply with the laws of the State of Idaho relating to posting notices on said mineral land; and such notices shall expressly state that said property is being worked solely by the Lessee, and not on the credit or the responsibility of the Lessor and that Lessee is solely responsible for all wages, supplies, materials, or debts of any kind whatsoever, created by it by reason of its possession and occupancy of the "Mining Properties." Lessee agrees to hold Lessor free and harmless from any and all claims of any type or kind, resulting or to result from Lessee's occupancy of and operations upon said "Mining Properties," except losses resulting from acts or omissions of Lessor or their agents. Lessee agrees further that it will not suffer nor permit any liens of any kind or character to accrue against the "Mining Properties."

10. Further mutual promises by and between Lessor and Lessee, Lessor does further agree that upon the payment of a total of ONE HUNDRED AND FIFTY THOUSAND DOLLARS ($150,000.00) by Lessee to Lessor by royalty, rents, or otherwise, all of the Lessor's rights, title, and interest, or that of their heirs or assignees shall pass to Lessee. In the event that the total payments made do not equal or exceed ONE HUNDRED AND FIFTY THOUSAND DOLLARS ($150,000.00) at such time this Lease Option Agreement is terminated or expires, by any means whatsoever, Lessee shall acquire no right, title, or interest to said "Mining Properties" and all payments will be considered as rents and liquidated damages.

11. Time is of the essence of this agreement. In the event Lessee fails to perform any of the conditions hereof by it to be kept and performed, and the same shall continue without correction for a period of sixty (60) days (or such longer period, if necessary, as may reasonably be required to accomplish such correction) after receipt of written notice from Lessor to Lessee specifying the matter or thing in default, Lessor shall be entitled, at their option, to declare this Lease Option Agreement forfeited, and in the event thereof, Lessee agrees to immediately and peaceably surrender possession of the said "Mining Properties" to Lessor and all payments which Lessee shall have made hereunder shall be forfeited. The Lessee, however, shall have the right to remove therefrom all supplies, tools, and movable machinery placed thereon, prior to the expiration of the lease or within one hundred and twenty (120) days following termination thereof. Rails in place in the mine at time of forfeiture are not to be removed. Any such supplies, tools and movable machinery not removed prior to the expiration of said one hundred and twenty (120) day period shall become and remain property of the Lessor. No forfeiture, however, or claimed forfeiture, shall become operative until Lessee has had sixty (60) days written notice therof within which to rectify any such forfeiture or claimed forfeiture.

12. Lessee shall have the absolute right, at any time, to terminate this Lease Option Agreement upon written notice to Lessor. Upon the effective date of such termination, Lessor shall have the right immediately to enter upon the "Mining Properties" and take immediate possession thereof. The effective date of such termination shall be fixed by Lessee in said notice, but shall in no event be less than sixty (60) days after such notice is deemed complete and effective.

13. In the event of termination, Lessee shall be released and discharged from any further obligations hereunder, except only for royalties and taxes that have accrued to the effective date of termination, and if such termination is effective less than sixty (60) days prior to the end of an annual assessment year, Lessee shall, at its option, either perform assessment work for such annual assessment year or pay to Lessor a sum of money sufficient to accomplish necessary unfulfilled work for such year.

14. The rights of either party under this Lease Option Agreement may be assigned, in whole or part, by such party, but in the event of said assignment, the assignee shall take subject to all of the terms and conditions hereof. If the assignor obtains the written consent of the other party hereto to such assignment, the assignment shall operate to release the assignor fully and completely from any and all obligations under this Lease Option Agreement. This Lease Option Agreement shall be binding upon and shall inure to the benefit of the respective successors and assigns of the parties hereto.

15. It is agreed that this Lease Option Agreement is a complete and integrated statement of the agreement between Lessor and Lessee and that no modification of this Lease Option Agreement shall be of any force or effect unless made in writing, duly executed, acknowledged and delivered in accordance with Paragraph 17 of this agreement.

16. Lessor agrees that it will, upon request by Lessee, furnish Lessee with all indicia of title in its possession relating to the "Mining Properties", including but not necessarily restricted to abstracts of title, location certificates, amended location certificates, proofs of labor, deeds and other conveyances and contracts in the chain of title, and surveys.

17. Notices given pursuant to this Lease Option Agreement shall be given to each party at the following designated address:

Lessee: Federal Resources Corporation
1370 South Third West
Salt Lake City, Utah 84115

Lessor: Elmer Enderlin
Clayton, Idaho

or such other place as the party in question may designate in writing. Notices shall be deemed received when delivered in person or sent by certified mail return receipt requested in an envelope addressed as hereinabove designated, with sufficient postage affixed thereto.

18. This Lease Option Agreement shall be construed and enforced under and in accordance with the laws of the State of Idaho, and shall be subject to such laws and to the rules and regulations of the regulating bodies of such State having jurisdiction thereof, and to all other applicable State and Federal laws, rules, and regulations.

19. FORCE MAJEURE: All obligations of Lessee under this Lease and Option Agreement shall be suspended while, but only so long as, Lessee is prevented from complying with such obligations in whole or in part by strikes, lockouts, acts of God, unavoidable accidents, uncontrollable delays in transportation, inability to obtain necessary supplies or materials on the open market, inadequate facilities for transportation of materials or disposition of products, lack of a suitable, available market for ores or minerals produced, any State, Federal, or local laws, regulations, or orders, or any other matters beyond the reasonable control of Lessee, whether similar to the matters herein specifically enumerated or not; provided, however, that performance shall be resumed within a reasonable time

after such cause has been removed; and provided further, that Lessee shall not be required, against Lessee's will, to adjust any labor dispute or to question the validity or to refrain from judicially testing the validity of any State or Federal order, regulation, or law.

EXECUTED as of the day and year first above written.

Elmer Enderlin (Lessor)

Lamar Enderlin (Lessor)

Lily Enderlin (Lessor)

FEDERAL RESOURCES CORPORATION

By

Its President

Attest

Secretary

State of Utah)
) SS
County of Salt Lake)

On this 5th day of December, 1964, personally appeared before me Vela H. Stackhouse and Donald T. Peters, who, being by me duly sworn did say: that they are President and Vice President respectively, of FEDERAL RESOURCES CORPORATION, a Nevada Corporation, and that the within and foregoing instrument was signed on behalf of said corporation by authority of its Board of Directors and said Vela H. Stackhouse and Donald T. Peters duly acknowledged to me that said corporation executed the same and that the seal affixed is the seal of said corporation.

Madeleine P. Burton
Notary Public
Residing at Salt Lake City, Utah

My Commission expires:
May 23, 1965

State of Idaho)
) SS
County of Custer)

On this 11th day of November, 1964, before me, a Notary Public, in and for said County and State, personally appeared Elmer Enderlin 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 WITNESS THEREOF, I have hereunto set my hand and affixed my official notary seal the day and year first written above

Beulah M. Rand
Notary Public
Residing at Challis, Idaho.
My Com. Expires, 7-14-68

State of Montana)
) SS
County of Silver Bow)

On this 17th day of November, 1964, before me, a Notary Public, in and for said County and State, personally appeared Lamar Enderlin & Lily Enderlin known to me to be the persons whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

IN WITNESS THEREOF, I have hereunto set my hand and affixed my official notary seal the day and year first written above.

Mildred Gelistrom
Notary Public
My Com expires
Feb 17-1966

EXHIBIT "A"

The following list of properties are a part of this lease:

These mining claims are recorded at Custer County Courthouse, Challis, Idaho:

Meadowview #1	Book 13	Page 533
Meadowview #2	Book 13	Page 534
Meadowview #3	Book 13	Page 535
Meadowview #4	Book 13	Page 536
Red Robin	Book 13	Page 533
Red Robin #2	Book 13	Page 585
Red Robin #3	Book 13	Page 586
Jim Crow	Book 13	Page 584
Jim Crow #2	Book 13	Page 584
Lakeshore	Book 13	Page 587

It is further understood that any additional claims which are staked by the Lessor which are contiguous to the above claims, or which are staked for the benefit of the above mining properties shall become a part of this lease.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/3	Murphy	120M
12/3	Fisher	800
	Sedgwick	120
		110
		100
		220

DEC 4 - 1964

Mr. Elmer Enderlin

Clayton, Idaho

Re: DMEA-2213 (Zinc)
Elmer & Connelly Enderlin
Meadow View Mine
Custer County, Idaho
Contract Idm-2194

Dear Mr. Enderlin:

This is with reference to your letter of November 23, 1964, to Mr. MacLaren advising that you have sold a lease and option on the subject property to Federal Resources Corp.

For your own interest and protection, will you kindly forward a copy of the instrument referred to in your letter to this office.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

FMMurphy/mm (12/3/64)
cc: Director's Reading File
Region I
Docket
Code 120M

23263

C O P Y C O P Y

Clayton, Idaho

Nov. 23, 1964

Mr. D. R. MacLaren
O.M.E. Office
South 157 Howard St.
Spokane, Wash.

Dear Mr. MacLaren:

This is to notify your office that I have recently sold a lease & option on Meadow View Claims which I developed on DMEA Project Docket #2213 Contract #294 to dated april 16, 1962

Federal Resources Corp.

Salt Lake City, Utah

Not under this contract

So all further correspondence should go directly through thier office.

Sincerely

/s/ ELMER ENDERLIN

Royalty period ends april 16, 1965
Govt part $12,056.99

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 2 1964

DATE	INITIALS	CODE
12/2	[illegible]	800
		120
		120

MME FORM 6 REFERENCE SLIP

REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Chief, Div. of Exploration Operations	11/30/64	
2.		
3.		
4.		
5. D. R. MacLaren		
FROM: Acting Fld. Offr., Reg. I		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions X Your information

REMARKS: DMEA-2213 (Zinc)
Elmer Enderlin & Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Transmittal of two copies of letter dated 11/23/64 from Elmer Enderlin stating he has sold a lease and option on the Meadow View Claims to Federal Resources Corp. of Salt Lake City, Utah.

INT.-DUP. SEC., WASH., D.C. M56300-62

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

August 3, 1964

Re: DMEA-2213 (Zinc)
Elmer & Connolly Enderlin
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Mr. Elmer Enderlin

Clayton, Idaho

Dear Sir:

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,

George C. Selfridge

George C. Selfridge, Chief
Division of Exploration Operations

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 10 1964

DATE	INITIALS	CODE
8/10		80-0
		100
8/10		110
8/11		120
		120
		220

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since September 1963, 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 September 1963, 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 Elmer E. Enderlin Title Owner

Address Clayton, Idaho Date Aug 7, 1964

4511

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
		220

September 20, 1962

Memorandum

To: Acting Field Officer, Region I

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

Subject: DMEA-2213 (Zinc)
Elmer Enderlin and Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

The original and one copy of a Report of Royalty Review covering the subject contract are enclosed. 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.

Enclosures

EDTalbert/ama 9-20-62

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

43683

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
So. 157 Howard Street
Spokane 4, Washington
September 17, 1962

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 19 1962

DATE		CODE
9/19		800
9/20		500
	gla (63)	
		220

Memorandum

To: Acting Chief, Division of Field Operations

From: Acting Field Officer, Region I

Subject: DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

This refers to your memorandum of August 17, 1962, regarding the address of the subject Operator.

I wrote to Mr. Enderlin at Clayton, Idaho, on September 7, 1962. My letter was returned September 10th with the following written in blue ink on the lower part of the letter:

"Gentlemen:

"I believe I did send in the forms you mention.

"There has been no further change in ownership or neither has there been any ore shipped from property.

"Assessment work done only.

"Sincerely,

"Elmer E. Enderlin"

D. R. MacLaren

D. R. MacLaren

So. 157 Howard Street
Spokane 4, Washington
September 7, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED SEP 10 1962

DATE		CODE
9/10	Cleo	800
	Granted	500
		210

Mr. Elmer Enderlin
Clayton, Idaho

Re: DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract Idm-2294

Dear Mr. Enderlin:

On June 11 our Washington, D. C., office sent you a form requesting information necessary to keep our records up to date but have not received a reply.

In your reply to my letter of August 24, 1961, you advised us that you gave a 1/4 interest to your brother and that there had been no ore sold since the termination of the contract. Will you please advise us whether or not there has been any further change in ownership or production in the past year.

Sincerely yours,

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

DRMacLaren:my

cc: Addressee
c/o Lamar Enderlin
803 S. Main St.
Butte, Montana
OME(2)
CPF
Reading copies to:
Nolan
McKelvey

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
8/16		500
		800
8/16	Dw have	130
		110
8/16	Family	100
		220

AUG 17 1962

Memorandum

To: Acting Field Officer, Region I

From: ACTING Chief, Division of Field Operations

Subject: DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

On June 11 we sent an MME Form 63 to Elmer Enderlin, but we have had no reply. If you know where to contact him, will you please try to obtain the desired information, covering the period since September 5, 1961.

W. R. Griswold

WRGriswold/gla
8-16-62
cc to: Director's Reading File
Review Committee
Docket
Code 500

43683

DMEA-2213 (Zinc)
Re: Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

The following note was written by Mr. Enderlin at the bottom of our letter to him of August 24, 1961, in regard to the leasing of the above-captioned property and was received in this office on September 5, 1961:

"Dear Mr. MacLaren:

There has been no lease or any other deal made on the Meadow View Mine other than the 1/4 interest which I legaly gave to my Brother, Lamar Enderlin of 803 So. Main St. Butte, Montana and this was done some time ago.

"I still hold 3/4 interest and there has been no ore shipped although I have my compressor and equipment there now doing assessment work.

"I think there is a mistake on the property as I understand the Deer Trail Mine in the same canyon has changed management."

Sincerely

/s/ ELMER ENDERLIN

Clayton, Idaho

OFFICIAL FILE COPY
O. M. P.
RECEIVED JAN 12 1962

DATE		
1/15		800
"		500
		220

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

So. 157 Howard Street
Spokane 4, Washington
August 24, 1961

Mr. Elmer Enderlin

Clayton, Idaho

Re: DMEA-2213 (Zinc)
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Dear Mr. Enderlin:

During a recent field trip into the Challis-Clayton area I was advised that you have leased the Meadow View 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. R. MacLaren
Acting Field Officer, OME
Region I

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

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

Sa. 197 Broad Street
Spokane 4, Washington
August 24, 1961

Mr. Elmer Haberlin

Clayton, Idaho

Re: DMEA-8213 (Zinc)
Meadow View Mine
Custer County, Idaho
Contract Ma-8213

Dear Mr. Haberlin:

During a recent field trip into the Challis-Clayton area I was advised that you have leased the Meadow View 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. R. MacLaren
Acting Field Officer, OME
Region I

DRMacLaren:mlk
cc: OME(2)
CFF
Reading copies to:
Nelson, Robbe, Guild

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF [illegible] EXPLORATION
[illegible]
[illegible]
[illegible]

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

DATE	INITIALS	CODE
		[illegible]
8/4	[illegible]	[illegible]
	[illegible]	
		[illegible]

13

Memorandum

To: Chief, Division of [illegible]

From: Acting Field [illegible]

Subject: [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Docket No. [illegible] (Lead-Zinc), Shale Mining Company, Livingston Mine, Custer County, Idaho, Amended Contract No. [illegible] ([illegible], 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. [illegible] (Zinc), Elmer Enderlin, Meadow View Claims, Custer County, Idaho, [illegible] (Owner has not heard of any shipments being made but believes that Bunker-Hill has leased the property. He has no information as what activity there may be.

Docket No. DMEA-3664 (Lead-Zinc), Highland-Surprise Consolidated Mining Company, Deer Trail Mine, Custer County, Idaho, Contract No. Idm-E819 (Settle has no positive information on activity 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

So. 157 Howard Street
Spokane 4, Washington

March 22, 1957

EXTRA COPY
DMEA
RECEIVED 25 1957
DATE | INITIALS | CODE
3/25 | C | 220
225

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

Re: Elmer Enderlin
Docket No. DMEA-4187 (Tungsten)
Washington Basin Claims
and
Docket No. DMEA-2213 (Tungsten)
Meadow View Claims
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

This is in reply to your letter of March 14, 1957, regarding the above-referenced application report.

Howard Nickelson is preparing the final stages of this report and will finish it within a day or so after he returns from the field on March 25, 1957.

By Field Team, Region I, NW Dist.

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

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

cc: USBM (2)
Nickelson

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

RECEIVED
JUL 25 1956

PROJECT SUMMARY REPORT

By: J. W. Alt July 19, 1956

1. Docket No. DMEA-2213 (Zinc)
Contract No. Idm-E294
Property: Meadow View Mine
Custer County, Idaho

Operator: Elmer Enderlin
Post Office Box 285
Kellogg, Idaho

Operator's Property Rights: Owner

2. Contract dated April 16, 1952. To complete - 6 months.

Work Authorized

1. Extend the adit crosscut approximately 100 feet to intersect the No. 1 Vein and the No. 2 Vein.

2. Drift on both veins. Total amount of drifting not to exceed 100 feet.

Estimated Costs of Project (*Allowable Maximum)

(2) Labor, Supervision, Consultants		
Wages for 4 miners @ $14.00 each, per day for 3 months.	$5,040.00	
Part time geologist	200.00*	$5,240.00
(3) Operating Materials and Supplies		1,400.00
(4) Operating Equipment		
To be Purchased - 1 Stoper drilling machine	$ 680.00	
To be Rented - 1 Compressor for approx 3½ mos.	800.00	
To be Furnished by the Operator - 1 Truck	150.00*	1,630.00
(7) Miscellaneous		
Rental of cabin for living quarters at $50.00/month for 3 months	$ 150.00	
Assays	200.00	
Workmen's Compensation, etc.	500.00	850.00
Total Estimated Cost of the Project		$9,120.00
Government's participation at 50%		$4,560.00

Amendments

No. 1 Effective date April 16, 1952.

1. To be rented, delete:

1 - 210 C.F. Air compressor at $225. per month for approximately 3½ months.	$ 800.00

Add the following:

1 - 160 C.F. Le Roi air compressor at $40.00 per month for approximately 3½ months.	$ 120.00

No. 2 Effective date April 16, 1952.

STAGE I

The work to consist of as stipulated in the contract.

STAGE II

After Stage I is completed, the existing access road and portal site shall be improved. Extend the drift on the No. 2 vein 500 feet.

Estimated Costs of the Project (*Allowable Maximums)

Stage I

Same as stipulated in the contract	$9,120.00

Stage II

Agreed Unit Costs

500 feet of drifting @ $34.00/ft.	$17,000.00

Actual Costs

(1) Independent Contracts

30 hrs. of bulldozing for improving road and portal site @ $15/hr. *Additional $50. for transportation of bulldozer.	500.00
(2) Consultant	300.00
(7) Miscellaneous	
Sampling and assaying	200.00
Stage II - Total Estimated Cost	$18,000.00

Amendments (continued)

No. 2 (Continued)

Total Estimated Cost of Stage I	$ 9,120.00
Total Estimated Cost of Stage II	18,000.00
Total Estimated Cost of Project	$27,120.00*
Government's participation, 50%	$13,560.00*

The completion time is changed from 6 to 18 months.

No. 3 Effective date October 16, 1953.

1. Change completion time from 18 months to October 16, 1954.
2. Recess project from October 16, 1953 to July 1, 1954.
3. Royalty payment period increased from 10 to 11 years.

No. 4 Effective date October 16, 1954.

1. Completion time extended to August 16, 1955.
2. The Royalty payment period increased to 13 years.

No. 5 Effective date October 16, 1954.

Extend completion to October 16, 1955.

Work Completed

Stage I

Drifting	95 feet	
Crosscutting	115 feet	
Total Cost of Stage I		$ 6,513.14

Stage II

Drifting	500 feet	
Bulldozing access road		
Total Cost of Stage II		$17,500.00
Total Cost of the Project		$24,013.14
Government's participation, 50%		$12,006.57

Work on the project was started on July 16, 1952.
The work was completed on September 30, 1955.

3. Audit Certificate, dated June 25, 1956.

Total cost as billed by Contractor	$24,213.14
Less proceeds from disposition of property	200.00
Net claimed cost	24,013.14
Exceptions	
Prior to this audit - None	
During this audit ($100.83)	100.83
Total Accepted Cost of the Project	$24,113.97
Government's participation, 50%	$12,056.99

Operator's final report - dated November 1, 1955.
Field Team's final report - dated April 1956 (Received May 11, 1956)

4. Certification date - March 21, 1956.

The discovery consisted of zinc-tungsten ores occurring in veins cutting through argillite and tactite. The ore reserve indicated as a result of such work consists of 9,800 tons with a grade of 7.6 per cent zinc, 0.30 per cent tungstic oxide (WO_3), and 0.28 ounce silver per ton.

5. Comments

The Operator prosecuted the work diligently and well. Suspensions of work during the winter months were to be expected in the isolated area where the mine is situated with heavy snows and long periods of sub-zero weather.

The indicated reserve of the No. 1 vein is estimated to be 3,000 tons averaging 4.1 per cent zinc, 0.218 per cent tungstic oxide, and 0.31 ounce of silver per ton.

The indicated reserve of the No. 2 vein is estimated to be 9,800 tons averaging 7.8 per cent zinc, 0.3 per cent tungstic oxide, and 0.27 ounce of silver per ton.

The ore reseve in No. 1 vein is too low grade to be considered ore; the reserve in No. 2 vein is considered marginal ore particularly since the indicated tonnage is not large enough to warrant the construction of a mill. Inferred reserves were not calculated.

Further exploration and development at this time is not warranted. The small ore reserves, the tenor of the ore, and the remote location of the mine indicate a submarginal operation. Government participation in future exploration or development may be warranted if the minerals are in a critical supply and milling facilities are available in the area.

JWAlt/er
Copies to: Docket
Base Metals
Chron.

J.W. Alt

/X/ Audited 6/25/56 WORK ANALYSIS SHEET - DMEA PROJECT /X/ Actual Cost

/X/ Certified 3/22/56 Analysis as of 2/11/58 *(/X/ Agreed Unit Costs

Incl. Voucher for August 1955

Name Elmer Enderlin, Assignee (formerly Elmer Enderlin & (Henry Connolly) Docket No. 2213

State Idaho Commodity Zinc Idm-E No. 294

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting 5' x 7'	200'	$ 8,430.75	210'	$ 6,143.97	$ 6,109.35
~~Raising~~ Ditto (*)	500' @ $34.00	17,000.00	500'	17,000.00	17,000.00
Shafts					
Winzes					
Drilling (Specify)					
Surface Excavation - Bulldozing, 30 hrs. Max.		500.00		500.00	500.00
Underground Excavation					
Roads and Trails					
Operating Equipment Purchased		689.25		670.00	504.62
Surface Rehabilitation & Repairs					
Underground Rehabilitation					
New Building, Improvements, etc.					
Other (Specify) Consultant, Assays & Samp.		500.00			
Totals		$27,120.00		$24,313.97	$24,113.97

Amendment for further work denied

Proceeds from property Disp.

Disp.	200.00
Pipe & Track	34.62
Stoper Drill	165.38

Prepared by W. P. Klugescheid/er

71626

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

July 10, 1956

Mr. Elmer Enderlin

Stanley, Idaho

Re: Docket No. DMEA-2213 (Zinc)
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Enderlin:

We are enclosing for your information and files one copy each of the Audit Certificate and the Audit Report, for the period April 16, 1952 to September 30, 1955, incl.

Sincerely yours,

Donald R. MacLaren
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

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

RECEIVED
JUL 18 1956

XXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
July 6, 1956

RECEIVED
JUL 9 - 1956

Mrs. Myrtle Purdy, Certifying Officer
DMEA Field Team, Region I, NW
1201 N. Division St.
Spokane 2, Washington

Re: Docket No. DMEA 2213
Contract No. Idm-E294
Elmer Enderlin

Dear Mrs. Purdy:

Work under the subject contract has been completed to the satisfaction of the Government. A final report evaluating the results of the exploration program has been presented by the operator and accepted by the Field Team.

The operator bid $200.00 for the Government's interest in the stoper, pipe and fittings, and track spikes which had been purchased for use on the exploration project. This bid was accepted by the Field Team in a letter to the operator dated October 10, 1955.

A Certification of Discovery or Development dated March 21, 1956 has been issued under this exploration project contract.

A final audit report dated June 25, 1956 by DMEA Auditor C. A. Turner has been received.

As all contract requirements have been met, it is requested that final settlement of our account with the operator be made.

Sincerely yours,

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

cc: DMEA (2) ✓
USGS (2)

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

JUL 3 1956

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Audit Reports
Grandview Mines, Inc.
Idm-260, DMEA-325X
and
Fluor Enderlin
Idm-294, DMEA-2213

Dear Mr. Turner:

Receipt is acknowledged of the Washington copies of the above-cited audit reports.

The reports are acceptable and normal distribution is authorized.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

WBorovies/wb
July 3, 1956

Copy to: Docket (2)
Mr. Chambers (2)
Admr. Reading File

R.C.S.

Talbert

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

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

MAY 4 1956

Re: Idm-E294, DMEA-2213
Elmer Enderlin

Dear Mr. Turner:

Work under the referenced contract was completed on September 30, 1955, and the Operator submitted his final MF-104 during October, 1955.

Although the Field Team advised the Operator by letter dated November 3, 1955, that "an amount of $500.00 is being withheld until an audit of your records is made by a representative of the Contract and Audit Division of the Defense Minerals Exploration Administration", it appears that you have neither programmed this audit on your monthly work load reports nor advised of any reason for not making the audit.

Every effort should be made to perform this audit during May, inasmuch as such audit is now six months past due.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/wb
May 4, 1956

Copy to: Docket
Admr. Reading File
Mr. Griswold
Mr. Chambers

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

RECEIVED
MAY 5 - 1956

April 30, 1956

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

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Enclosed are four copies of a Field Team final report written by John D. Bardill, Metallurgist, Bureau of Mines, and Howard B. Nickelson, Geologist, Geological Survey, on the Meadow View mine.

The authors states that further exploration is not warranted at this time. A certification of discovery was issued on March 21, 1956.

The Field Team concurs in the recommendations of the authors.

By Field Team, Region I, NW District

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

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

FINAL

Enclosures
cc: USBM(2)
USGS(SRO)
Nickelson

Reviewed by
DMEA OPERATING COMMITTEE
5-11-56
(date)

2213

ACTION ON INTERI[illegible]
OR FINAL FIELD TEAM[illegible]ORT

Date 5/14

Referred to:

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

Note comments in report regarding:

1. low grade ore

2.

3.

4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Robert E. Adams

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION I
Northwest District

RECEIVED
MAY 7 - 1956

FINAL REPORT

Contract Idm-E294

by

John D. Bardill
Metallurgist
U. S. Bureau of Mines

Howard B. Nickelson
Geologist
U. S. Geological Survey

ELMER ENDERLIN
Stanley, Idaho

Docket No.:	DMEA-2213
Commodity	Zinc
Contract date:	April 16, 1952
Completion date:	September 30, 1955

Reviewed by
DMEA OPERATING COMMITTEE
5-11-56
(date)

MEADOW VIEW MINE
East Fork Mining District
Custer County, Idaho

Spokane, Washington

April 1956

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Summary of Factual Data	8
Discussion of Conclusions	9

ILLUSTRATIONS

Figure		
1	Section through Vein 1 looking north showing reserve, Meadow View Mine, Enderlin Property, Custer County, Idaho. Scale 1" = 40'	4a
2	Section through Vein 2 looking north showing reserve, Meadow View Mine, Enderlin Property, Custer County, Idaho. Scale 1" = 40'	7a
Plate		
1	Surface Geologic Map, Meadow View Mine, Enderlin Property, Custer County, Idaho. Scale 1" = 20'	In pocket
2	Geologic Map, Meadow View Mine, Enderlin Property, Custer County, Idaho. Scale 1" = 20'	In pocket

FINAL REPORT

ELMER ENDERLIN
Mountain View Mine
East Fork Mining District
Custer County, Idaho

Contract Idm-E294

* * * *

INTRODUCTION

This report describes an exploration project conducted jointly by the Defense Minerals Exploration Administration and Elmer Enderlin to explore at depth two zinc veins at the Meadow View mine in the East Fork Mining District, Custer County, Idaho.

Summary

The exploration project consisted of 154 feet of crosscutting to intersect the downward continuation of two zinc veins and 546 feet of drifting and crosscutting to explore these veins. The No. 1 vein was intersected in the crosscut at 51 feet, and 72 feet of drifting exposed an irregular replacement vein that averaged 4.1 percent zinc and 0.218 percent tungstic oxide across an average width of 5.5 feet. This vein was not completely explored because of the shallow backs (pls. 1 and 2).

The No. 2 vein was intersected in the crosscut at 150 feet, and 155 feet of drifting on marginal ore showed that it averaged approximately 6 feet in width. The weighted grade of the vein was 7.8 percent zinc and 0.30 percent tungstic oxide. Additional crosscutting and drifting to explore for the continuation of the No. 2 vein was unsuccessful except that two small pods of ore were exposed.

It is estimated that 9,800 tons of indicated ore of marginal grade were discovered by the exploration project.

Recommendations

A Certification of Discovery or Development was issued on March 21, 1956.

Further exploration and development at this time is not warranted. The small ore reserves, the tenor of the ore, and the remote location of the mine indicate a submarginal operation. Government participation in future exploration or development may be warranted if the minerals are in critical supply and milling facilities are available in the area.

LOCATION AND ACCESSIBILITY

The Meadow View mine is in unsurveyed sec. 22, T. 8 N., R. 15 E., B.M., East Fork Mining District, Custer County, Idaho.

The property is accessible by going north on U. S. Highway 93 about 48 miles from Ketchum, Idaho, to Sawtooth Valley Ranger Station, then east on a poor Forest Service dirt road up Fourth of July Canyon, a distance of 14 miles to the Deer Trail mine, then crossing Fourth of July Creek and following an unimproved road for approximately 2½ miles to the mine camp at the base of Washington Peak. The mine is on the side of a cliff about a quarter of a mile from camp and is reached by a road built across a talus slide. The Sawtooth Valley Ranger Station can also be reached by driving approximately 58 miles west from Challis, Idaho, on U. S. Highway 93 to Stanley, thence south about 22 miles.

The unimproved roads are accessible to conventional type vehicles only from about July to November. No attempt has been made to work the mine during the winter months. This year, however, the neighboring Highland Surprise Mining Company's Deer Trail property was operated through February 1956, a road being maintained with considerable effort only for track-type vehicles.

The altitude at the mine is approximately 9,200 feet, and snow accumulation of 10 to 15 feet during the winter and early spring months is not uncommon. Sub-zero temperatures occur frequently during the winter months; the summers have mild days and cool nights.

The topography is characterized by steep mountains, some of which exceed 10,000 feet in altitude, and glacial valleys ending in steep-walled cirques. The mine is at the head of one of these cirques. The vegetation is sparse on the mountain slopes, but the valleys are covered by lodgepole pine and some fir trees.

THE PROPERTY

Although the title was not searched, the property is believed to be owned by Elmer Enderlin. It comprises 10 unpatented mining claims recorded at Custer County Courthouse, Challis, Idaho, as follows:

Claim	Book	Page
Meadow View No. 1	13	533
Meadow View No. 2	13	534
Meadow View No. 3	13	535
Meadow View No. 4	13	536
Red Robin	13	533
Red Robin No. 2	13	585
Red Robin No. 3	13	586
Jim Crow	13	584
Jim Crow No. 2	13	584
Lakeshore	13	587

All claims listed above are included in the contract.

The underground workings at the start of the contract comprised a 37-foot crosscut driven to intersect the No. 1 vein. The ground stands well without timber.

GEOLOGY

The regional geology is described by Clyde P. Ross (Geology and ore deposits of the Bayhorse Region, Custer County, Idaho: U. S. Geol. Survey Bull. 877, 1937).

In this area sedimentary rocks of Mississippian and Pennsylvanian Age occur as roof pendants within quartz monzonite of the Idaho batholith. The sedimentary rocks are highly folded and contorted and intruded by dikes and by stocks of quartz monzonite. The deposit is in the Milligen formation (Mississippian age), which is composed of carbonaceous argillites, argillaceous quartzites, dolomites and limestones, and locally some conglomerates. The carbonate rocks have been subjected to contact metamorphism in some places to form tactites. The country rock in the mine area generally trends northwest and dips 50°-60° SW.

The deposit consists of several steeply dipping, lenticular replacement-type veins; none are known to exceed 250 feet in strike length. Three separate vein outcrops have been mapped on the surface

(pl. 1), and several dark-red gossan zones characteristic of the outcrops can be seen on the inaccessible mountain slope southeast of the portal. The veins strike a few degrees west of north to northwest and dip 60°-70° SW. The southeast end of the ore body of the No. 2 vein rakes approximately 65° SE. Drifting on the No. 1 vein did not reach the limits of the vein; consequently, its rake is not known. Both veins swell and pinch, but the No. 2 vein tends to be more continuous and uniform.

The ore minerals in the veins are sphalerite, scheelite, minor chalcopyrite, and unidentified silver minerals. (Assays for cobalt and nickel indicate that neither is present.) The weighted assay of samples across an average width of 5.5 feet of the No. 1 vein is 4.1 percent zinc, 0.218 percent tungstic oxide, 0.29 ounce of silver per ton, and a trace of gold (pl. 2 and fig. 1).

The weighted assay across an average width of 6 feet along the No. 2 vein is 7.8 percent zinc, 0.30 percent tungstic oxide, and 0.28 ounce of silver per ton. Two samples taken near the southeast end of the ore body assayed 0.18 and 0.12 percent copper. The major gangue minerals in the veins are pyrrhotite, pyrite, quartz, and unreplaced country rock.

Several post-ore quartz veins and pods were cut in the drift southeast of the No. 2 vein. Surface oxidation has stained the vein outcrops a dull brick red, but this alteration is slight and sulfide minerals are present at the surface. Wall rock alteration is not noticeable.

The veins on the surface end abruptly, as shown on plate 1. This is also true underground at the southeast end of the No. 2 vein. The width of the outcrop of the No. 2 vein averaged approximately 3 feet, but underground the vein ranged from 3 to 12 feet in width with an average width of 6.0 feet. It is not known if the strike length of the veins underground exceeds the strike length on the surface because the northwest end of the No. 2 vein was not reached by drifting, nor was either end of the No. 1 vein. The widest portions of the No. 1 vein were cut at the crosscut and at the face of the drift. Assay results from samples cut at those locations were much lower than those of samples cut in other portions of the drift. Further exploration on this vein will be necessary to determine whether the wider portions of the vein are of ore grade. (See plate 2 for sample assay results.)

The structures that control these veins are not well-known. The veins trend in the same general direction as the bedding, and the No. 1 vein is near and parallel to the contact of the argillite and limestone on the surface. Underground this vein is in the limestone or tactite.

The No. 2 vein outcrop is in the argillite nearly parallel to the argillite-limestone contact, but underground it cuts the argillite and tactite beds. The widest portion of the vein favors the limestone or tactite.

The No. 3 vein crops out in argillite and ends abruptly against the limestone-argillite contact. This vein appears to be a continuation of the No. 2 vein, but no structure connecting the two outcrops is apparent. In most places the contact between the vein and the country rock is gradational over a short distance.

THE PROJECT

Samples from the No. 2 vein outcrop at the Meadow View mine assayed 4.6 percent zinc and 0.05 percent tungstic oxide across 42 inches and from the No. 1 vein 6.5 percent zinc and 0.11 percent tungstic oxide across 42 inches. A modest exploration program of crosscutting and drifting seemed justified to determine whether the veins contain sufficient metal to sustain an economic operation.

The contract, dated April 16, 1952, was for $9,120.00 on an actual cost basis to extend the 37-foot crosscut approximately 100 feet to intersect the No. 1 and 2 veins and drift not more than 100 feet on one or both veins. The crosscut was extended 115 feet to intersect the No. 2 vein. A drift was driven 52 feet on the No. 1 vein and 45 feet on the No. 2 vein. This work was completed by the end of September at an approximate cost of $6,500.00. Samples taken along 50 feet of the No. 1 vein in the drift over an average width of 4.0 feet assayed 5.2 percent zinc and 0.3 percent tungstic oxide. Samples along 45 feet of the No. 2 vein with an average width of 5.3 feet assayed 7.5 percent zinc and 0.30 percent tungstic oxide.

The results of this work seemed promising enough to warrant additional work. Amendment No. 1 provided for a smaller compressor than originally specified. Amendment No. 2, dated April 1, 1953, increased the total amount of the contract to $27,120.00 and provided for improving the access road to the portal site and 500 feet of drifting on the No. 2 vein to the southeast on an agreed unit cost basis.

Work was resumed late in July 1953, and the drift advanced southerly approximately 232 feet before work was stopped the middle of October for the winter.

Work was resumed again late in July 1954 and the crosscut driven to the east about 75 feet to the argillite-tactite contact, and then southerly on the contact 141 feet before work was recessed for the winter. Approximately 52 feet of drifting and/or crosscutting remained to complete the contract.

Amendment No. 3 provided for a recess for the winter and extended the completion date to not later than October 16, 1954, and the repay period from 10 to 11 years. Amendment No. 4 extended the completion date to August 16, 1955, and Amendment No. 5 further extended it to October 16, 1955.

Work started again August 1, 1955, and the south drift was advanced about 39 feet with disappointing results. The Operator returned to the No. 1 drift and drove through a small fault to the vein. A grab sample from the face of the drift over a width of 25 inches assayed 0.45 percent lead, 10.2 percent zinc, and less than 0.02 percent tungstic oxide.

The project work was completed September 30, 1955.

Approximately $24,000.00 was expended to drive the 700 feet of drifts and crosscuts.

Exploration Possibilities

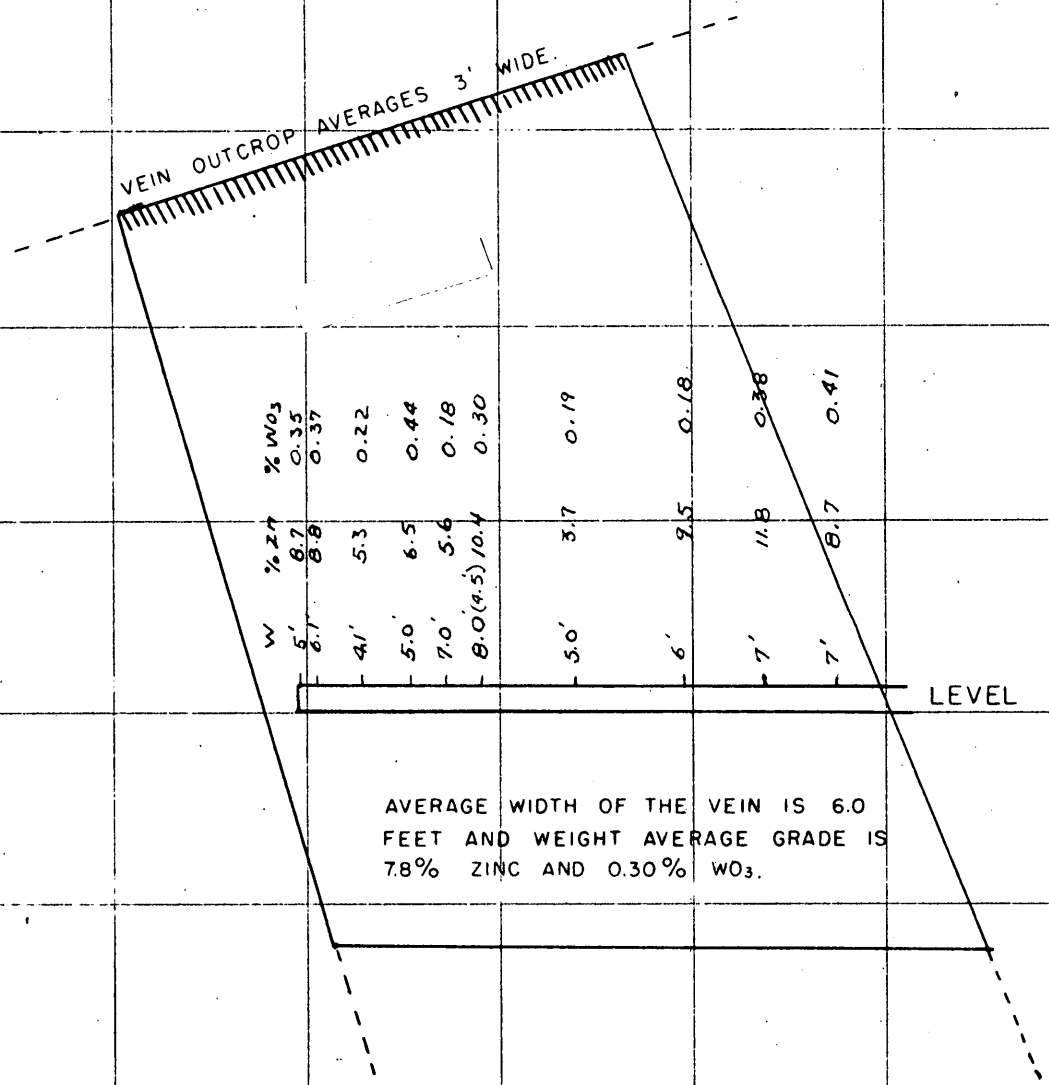
The development of the property is dependent upon a mill to separate the scheelite from the sphalerite into salable products at a favorable price and to concentrate the sphalerite. The limited reserves indicated at the property do not warrant such a mill unless adjoining properties develop sufficient reserves to construct a custom mill capable of beneficiating this ore. If these conditions are met, the property can be explored and developed from the existing adit or by starting a crosscut 130 to 150 feet below and driving to the three veins exposed on the surface and in the exploration headings. Approximately 1,000 feet of drift and crosscut would be needed to explore these veins at this depth. Development below the 150 level would require shaft sinking.

Exploration for the veins exposed on the cliff face southeast of the present portal could be accomplished by diamond drilling from the face of the present adit.

Sufficient ore was found to certify the DMEA project, but unless milling facilities become available in the area, further exploration does not seem justified.

Ore Reserves

The reserve in No. 1 vein is too low grade to be considered ore; the reserve in No. 2 vein is considered marginal ore particularly since the indicated tonnage is not large enough to warrant the construction of a mill. Inferred reserves were not calculated.



MEADOW VIEW MINE
ENDERLIN PROPERTY
CUSTER COUNTY, IDAHO

Section through Vein 2 looking north

SCALE — 1" = 40'

"ALBANENE" No. 1 BEIM & ECO., N.Y.
REG. U.S. PAT. OFF.

FIGURE 2

Vein No. 1

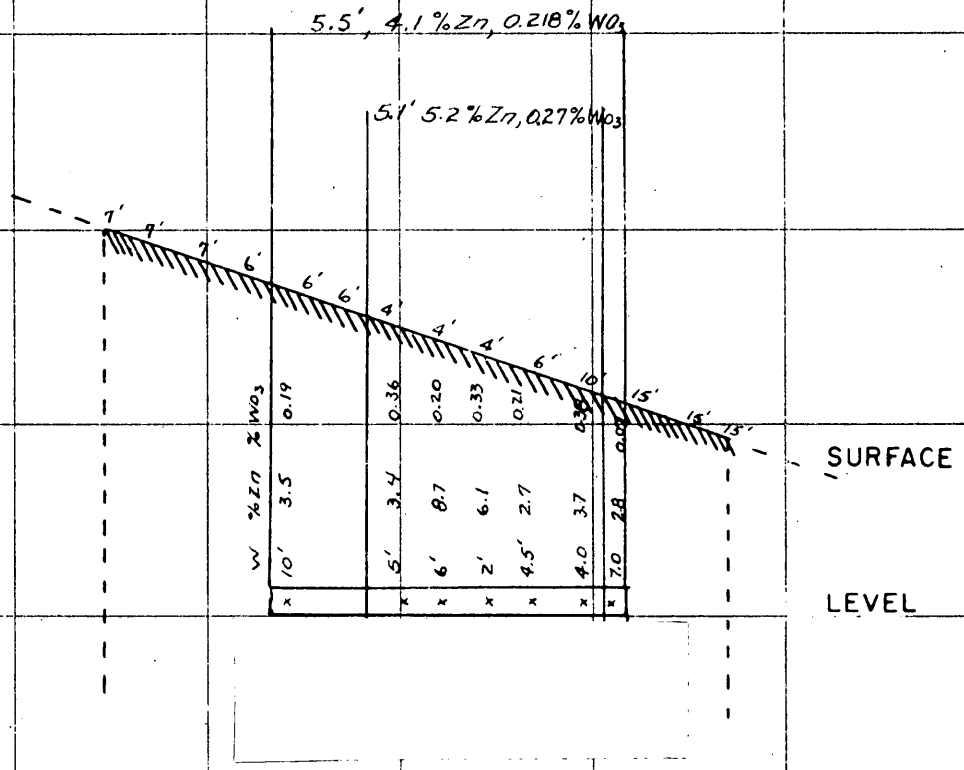
The indicated reserve of the No. 1 vein is estimated to be 3,000 tons averaging 4.1 percent zinc, 0.218 percent tungstic oxide, and 0.31 ounce of silver per ton (fig. 1). Approximately 2,000 tons, assaying 5.2 percent zinc and 0.27 percent tungstic oxide, might be selectively mined. Some inferred reserves may exist east and west and below the indicated block (fig. 1).

Vein No. 2

The indicated reserve of marginal grade ore is estimated to be 9,800 tons averaging 7.8 percent zinc, 0.3 percent tungstic oxide, and 0.27 ounce of silver per ton (fig. 2). Some inferred ore of similar grade may exist below the reserve block (fig. 2).

Exploitation Possibilities

Unless a mill should be built on the nearby Deer Trail property, it seems unlikely that the indicated reserves will be mined in the foreseeable future because of grade, insufficient tonnage to justify a mill, inaccessibility of the property, and long severe winters which reduce the practical working season to about 4 months.



MEADOW VIEW MINE
ENDERLIN PROPERTY
CUSTER COUNTY, IDAHO

Section through Vein I looking north

SCALE — 1" = 40'

"ALBANENE" No. 1500M K&E CO., N.Y.
REG. U.S. PAT. OFF

FIGURE 1

Summary of Factual Data

The following is the approximate cost of the project, subject to final audit:

Item	Total cost	Cost/ft.
Actual Cost with Maximum Allowable Basis (200 feet of drifts and crosscuts)		
(2) Labor and Supervision:		
Labor	$ 3,822.00	$19.11
(3) Operating Materials & Supplies:		
Explosives	780.28	3.90
Pipe	138.98	0.69
Other	32.20	0.16
Steel and bits	353.22	1.76
Gas and oil	303.46	1.52
(4) Operating Equipment:		
Rental	125.00	0.63
*Purchase (less $200 salvage)	470.00	2.35
Depreciation	100.00	0.50
(7) Miscellaneous:		
Workmen's compensation	100.00	0.50
Rent on cabin	125.00	0.63
Repair to equipment	163.00	0.81
Subtotal	$ 6,513.14	$32.56
Agreed Unit Cost Basis		
500 feet of drifting @ $34/ft.	$17,000.00	$34.00
Actual Cost with Maximum Allowable		
(1) Independent Contracts:		
Bulldozing access road	500.00	1.00
Subtotal	$17,500.00	$35.00
Grand Total	$24,013.14	$34.30

*Operating equipment purchased was $670.00. The Field Team accepted the $200.00 bid of the Operator for the Government's equity in the equipment which disposes of any salvage problem.

Discussion of Conclusions

The Operator prosecuted the work diligently and well. Suspensions of work during the winter months were to be expected in the isolated area where the mine is situated with heavy snows and long periods of sub-zero weather.

Enclosures
Distribution:
DMEA(4)✓
USBM(5)
USGS(SRO)
Docket
Nickelson

File Copy
Surname
Griswold
Chambers
Geehan
Williams
Selfridge
Johnson

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

MAR 22 1956

Mr. Elmer Ruderlin
Stanley, Idaho

Re: Docket No. DMEA-2213 (Zinc)
Elmer Ruderlin
Meadow View Mine
Custer County, Idaho
Contract No. Ida-2294

Dear Mr. Ruderlin:

Transmitted herewith is a certification of discovery or development related to the Exploration Project Contract No. Ida-2294, dated April 16, 1952, on the lands described in the contract.

By the terms of the Exploration Project Contract and of the Certification, all production from the land described in the contract from April 16, 1952, the date of the contract, is subject to the Government's percentage royalty as set forth in the said contract until the sum which the Government has advanced as its participating interest is repaid, or until April 16, 1965, whichever occurs first.

Payments should be made to Mr. A. R. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District, South 157 Howard Street, Spokane 4, Washington. Checks should be drawn in favor of the Defense Minerals Exploration Administration. The purchaser should be advised to deduct 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.

Sincerely yours,

C. O. Mitterdorf

Administrator

Enclosure

F. E. Johnson
W. R. Griswold
Chron.

Op. Committee
Cont. Adm. & Audit Div.
Finance Office
Base Metals
Region I, NW Dist. (2)

er 3/14/56
Docket
C. A. Fredell, Dr. MD, EPS
r. Geehan, USBM
Mr. Killsgaard, USGS
Adm R. File

P.G.R.

File Copy
Surname

Griswold
Chambers
Geehan
Williams
Selfridge
Johnson

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

MAR 22 1956

Mr. Clarence A. Fredell, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
Washington 25, D. C.

Re: Docket No. DMEA-2213 (Zinc)
Elmer Haderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Fredell:

Enclosed is a copy of a certification of discovery or development related to Exploration Project Contract No. Idm-E294.

The contract was dated April 16, 1952, with the Government participating to the extent of 50 per cent in an exploration project estimated to cost $27,120.00. Actual expenditures (subject to audit) totalled $24,213.14, with the Government's share being half of such amount, or $12,106.57.

The total amount of work provided for under the contract consisted of 700 feet of crosscutting and drifting. Work actually done consisted of 710 feet of crosscutting and drifting.

The discovery consisted of zinc-tungsten ores occurring in veins cutting through argillite and tactite. The ore reserve indicated as a result of such work consists of 15,600 tons with a grade of 7.6 per cent zinc, 0.30 per cent tungstic oxide (WO_3), and 0.28 ounce silver per ton.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

WRGriswold/er 3/14/56
Copy to: Docket
Mr. Geehan, USBM
Mr. Kiilsgaard, USGS
Admr R File
Op. Committee
Cont. Adm & Audit Div.
Base Metals
Region I, NW Dist (2)
F. E. Johnson
W. R. Griswold
Chron.

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

RECEIVED
JAN 23 1956

January 18, 1956

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

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

This is in reply to your letter of January 3.

The final Field Team report will not be available before March.

We recommend that a Certification of Discovery be issued. The basis for our recommendation is the March 8, 1955, memorandum of Howard B. Nickelson, Geological Survey, as little or no ore was discovered in the work done this summer and fall.

The No. 1 Vein is calculated to contain 1,300 tons of indicated ore and 2,600 tons of inferred ore. Both categories are calculated to have a grade of 5.2 percent Zn, 0.27 percent WO_3, and 0.29 ounce of Ag per ton. The No. 2 Vein is calculated to contain 4,600 tons of indicated ore and 7,100 tons of inferred ore. Both categories are calculated to average 8.35 percent Zn, 0.313 percent WO_3, and 0.28 ounce of Ag per ton.

By Field Team, Region I, NW Dist.

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

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

cc: USBM (2)
USBM (AD)
Nickelson

File Copy
Surname

500

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

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

JAN 3 1956

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Weissenborn:

With reference to the cited completed contract, will you please advise us as to when we may expect to receive the final Field Team report.

In your letter, dated November 9, 1955, transmitting the Operator's final report, you state: "A certification of discovery will be recommended, and a final Field Team report will be prepared."

We would appreciate receiving the final Field Team report giving your recommendations regarding a certification of discovery at your earliest convenience.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (S/G)

APPROVED:

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

Thor H. Kiilsgaard (S/G)
Member, Geological Survey

JWAlt/bjl (12/29/55)

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

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

November 9, 1955

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

Re: Docket No. DMEA-2213 (zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Enclosed are three copies of a final report submitted by the Operator on this property, which is acceptable to the Field Team.

A certification of discovery will be recommended, and a final report will be prepared.

By Field Team, Region I, NW 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

Enclosures
cc: USBM(2)
USBM(AD)
Quinlan

RECEIVED
NOV 14 1955

Final Report for D.M.E.A. Contract 294, Docket #2213

I located Meadow View Group of four claims in August 1950.

During the summer of 1951 built two and one-fourth miles of access road to claims with bulldozer and started crosscut with air compressor, jackhammer, and wheelbarrow; and advanced a distance of about 44 ft. Also located 6 additional joining claims.

During the fall of 1951, I applied for a D.M.E.A. loan to complete crosscut to cut #1 and #2 veins which were exposed on surface outcrops and to drift a distance of 50 ft. on each vein. This loan was approved on actual cost basis and work was begun in July 1952, and completed in October 1952, with a distance of 115 ft. of crosscut through hard tactite limestone and some argillite to cut both veins. Also, we drifted a distance of 50 ft. on #1 vein to north of crosscut and 50 ft. to south on #2 vein. This work also included the installation of mine rails and a car to replace the wheelbarrow, but was done with the handmucking method at an actual cost of $30.00 per foot for crosscut and $23.23 per ft. for drift.

In the fall of 1952, I applied for an extension to the contract to extend the #2 drift to the south a distance of 500 ft. on unit cost of $34.00. This was approved and work was begun July 12th. Bulldozer was hired to build road to portal, so as to move compressor and mucking machine to portal site and improve access road to claims at a cost of $500.00, of which the Government paid 50%.

We enlarged drift on #2 vein to make it possible to use mucking machine to replace the handmucking method used in 1951.

RECEIVED
NOV 14 1955

RECEIVED
BUREAU OF MINES
NOV 7 - 1955
SPOKANE, WASH.

During the season of 1952, we advanced a distance of 222 ft. with ore of milling grade and from four to seven ft. wide for a distance of about 66 ft., making a total length of ore exposed on #2 vein about 116 ft. This vein was only about an average of 3 ft. wide on the surface and about 75 ft. long, which showed considerable improvement with depth. We drifted a considerable distance to south trying to find extension of #2 vein, but found very little of interest there; so returned to #1 vein to finish contract.

The #1 vein was considerably larger on the surface with an average width of about seven ft. for a distance over 100 ft., but was very irregular and poddy for the first 50 ft. north of crosscut but showed considerable improvement this fall when I crosscut it just north of small fault. At this point it was about 10 ft. wide, with ore of a milling grade in zinc and scheelite with some silver and copper. So the underground work showed considerable improvement in width, strike length, and also better grade of ore.

The ore seems to be very uniform in grade on both veins, as there have been several different parties sample both veins and they all seem to get very much the same results.

The U.S.G.S. and U.S.B.M. both have complete maps of this project, also samples.

I expect to continue the development of this property as much as possible with the lower crosscut to get more depth and prepare for production, if and when a mill is available; or I may sell this

property to some corporation, should I get a suitable offer for it.

I sent a sample of 86 lbs. of the ore, that we crosscut this fall, to Minerals Engineering Co. at Glenn, Montana for a mill test; as they asked me to do this last spring when I visited their property and asked them to give me a copy of the results. If they do I will forward a copy of it to the U.S.G.S. office.

I am very well pleased with the results of this project and am thankful to both the U.S.G.S. and the U.S.B.M. for help they have given me to make it a success.

Respectfully submitted,

Elmer Enderlin

Owner

November 1, 1955

Talbert

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

NOV - 7 1955

Mrs. Myrtle I. Purdy
Authorized Certifying Officer
Bureau of Mines
1201 North Division Street
Spokane 2, Washington

Re: Elmer Enderlin
Docket DMEA-2213
Contract I6s-8594

Dear Mrs. Purdy:

In accordance with your request of November 3, 1955, there is returned herewith one copy of the August 1955 MF-104A and accompanying narrative submitted by the referenced Operator.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Assistant Chief
Contract Administration and
Audit Division

Enclosure

EDTalbert/wb
November 7, 1955

Copy to: Docket
Admr. Reading File
Mr. Griswold
Mr. Chambers

R.C.L.

11/3/55

Mr. Talbert:

On Sept. 6, 1955 I sent you one copy of MF-104A and narrative submitted by Elmer Enderlin, contract Idm-E294, for August. Shortly thereafter Mr. Enderlin sent in a corrected report for August and asked us to destroy or return the one previously submitted.

If you still have this MF-104A and it is not too inconvenient, I would like to have it returned. We thought it would be best to return the whole incorrect set of forms to Mr. Enderlin.

Dmea 2213

M. Purdy

Mrs. Purdy

XXXXXXXXXXXXXXXXXXX
1201 N. Division Street
Spokane 2, Washington
November 3, 1955

RECEIVED
NOV 7 1955

Betty

Mr. Elmer Enderlin
Stanley, Idaho

Re: Docket No. DMEA 2213
Contract No. Idm-E294
Monthly operating reports
for August and Sept. 1955

Dear Mr. Enderlin:

The subject reports have been received and processed for payment.

As the project work has been completed, an amount of $500.00 is being withheld until an audit of your records is made by a representative of the Contract and Audit Division of the Defense Minerals Exploration Administration. This includes the amount due for jointly-owned equipment and supplies purchased by you and is in accordance with your request in your letter of September 15, 1955.

It is standard procedure for all contracts as they are completed to withhold a portion of the Government's contribution to the project cost pending a final audit of the account and this is the reason we are withholding $300.00 in addition to the $200.00 for the equipment.

By Field Team, Region I, NW District

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

cc: DMEA (2)
USGS (2)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
October 10, 1955

RECEIVED
OCT 17 1955

Mr. Elmer Enderlin
Stanley, Idaho

Re: Docket No. DMEA 2213 (zinc)
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Enderlin:

The Government accepts your bid of $200.00 for its equity in the following equipment purchased under the cited contract:

1 - I.R. R-48 stoper, Serial No. 673257
160 feet 2-in. pipe and fittings
105 feet 1-in. pipe and fittings
90 lbs. track spikes

The sum of $200.00 will be withheld from money owing you under terms of the contract, as requested in your September 15, 1955 letter.

By Field Team, Region I, NW District

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

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

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

RECEIVED
BUREAU OF MINES
SEP 21 1955
SPOKANE, WASH.

Docket No. 2213
Contract 204

Stanley, Idaho
Sept.15,1955

U.S. Bureau Of Mines,
1201 N.Division Street,
Spokane, Washington.

Gentlemen:

In regard to the $200. which was witheld on my last payment last year I would like to bid the price of $200. for Gov. interest in the Ingersoll-Rand rock drill and any other items which they have an interest in due to the fact that my present DMEA contract will be completed in the near future.

Sincerely Yours,

Elmer Enderlin

Owner

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
September 9, 1955

RECEIVED
SEP 12 1955

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

Re: Docket No. DMEA 2213 (zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Attached are the Government, Docket, and Division copies of Amendment No. 5 to the contract.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

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

Attachment

cc: Finance Office w/encl.
USGS (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
AUG 29 1955

August 25, 1955

Mr. Elmer Enderlin

Stanley, Idaho

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-2294

Dear Mr. Enderlin:

Enclosed are the original and six copies of Amendment No. 5 to your contract. This amendment allows you until October 16, 1955, to complete the work.

If the amendment meets with your approval, please sign all copies of the amendment, retain the copy marked for the Operator, and return the remaining copies to this office.

Sincerely yours,

James J. Quinlan
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

Enclosures

cc: DMEA (2)
[illegible] (2)
Quinlan

File Copy
Surname
J. W. Alt.
Swinnold
Talbut
Selfridge

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

AUG 22 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-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Weissenborn:

We are enclosing the original and five copies of Amendment No. 5 to the cited contract, signed by the Administrator. This amendment was requested in your letter of August 4.

If the amendment meets with your approval, kindly present it to the Operator for approval and signature and, when completed, distribute the copies in the usual manner. In the event that the amendment is not satisfactory and cannot be amended within your delegated authority, return all copies with your recommendation concerning any modification.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (JLB)

Enclosures

APPROVED:

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

/s/ N. E. Nelson (JLB)
Member, Geological Survey

WKE
JWAlt/er 8/22/55
Copy to: Docket
Admr R Fil
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

File Copy
Surname
J. Lee

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

August 10, 1955

Memorandum

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Base Metals Division

Subject: Preparation of Amendment No. 5, Docket No. DMEA-2213, Elmer Enderlin, Contract No. Idm-E294 (Zinc), Meadow View Mine, Custer County, Idaho.

Will you please prepare Amendment No. 5 for the cited contract. This amendment will allow an extension of completion time from August 16, 1955 to not later than October 16, 1955, an extension of 2 months. This amendment would be the same as Amendment No. 4, with the exception of Item 1.

Please refer to copies of letters from A. B. Weissenborn, Executive Officer, dated August 4, and Elmer Enderlin, dated July 14, 1955.

W. R. Griswold
W. R. Griswold

JWAlt/er

Copy to: Docket
Base Metals
Chron.

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

RECEIVED
AUG - 8 1955

August 4, 1955

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

Re: Docket No. DMEA-2213 (zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

In his letter of July 14, 1955, (copies enclosed) Mr. Enderlin has requested an additional extension of his contract period to October 15, 1955. This request, while somewhat disconcerting in view of Amendment No. 4 which extended the time to August 15, 1955, is justified. Mr. Enderlin could not start work until about August 1 because snow remained in the mountains surrounding the Stanley Basin longer than expected this summer.

Mr. Enderlin should be able to finish remaining contract work by October 15, 1955, barring any further natural catastrophes.

By Field Team, Region I, NW District

A. E. Weissenborn HGW.
A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

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

Enclosure

cc: USBM (2) w/2 cys incoming
USBM (AD)
Nickelson

Stanley,
Idaho
July,14,1955

Mr. J. Weissenborn,
Executive Officer,
Defence Minerals Exploration
Administration.
No.157 Howard Street,
Spokane, Washington.

Dear Mr. Weissenborn:

I am now at the Meadow Veiw Claims near Stanley, Idaho and there is still too much snow to start drifting as yet but I will be able to start about the 1 st. of August and would like to ask that the completion date be extended to Oct.15 th. as this is such a late Spring.

If this could be arranged please let me know and I will get started as soon as possible.

Sincerely Yours,
Elmer Enderlin

Hold down on the work until fall. Be sick on this.

DMEA

JUL 20 1955

APR 2 8 1955

Mr. Elmer Anderlin
11 East Mercury Street
Butte, Montana

Re: Docket No. DMA-2213 (Zinc)
Elmer Anderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-2294

Dear Mr. Anderlin:

Your application for additional aid for an exploration project on the cited property and other reports available to us in Washington concerning the subject property have been reviewed.

We have likewise made a complete review of the work which has been done to date under the cited contract.

The results obtained, although showing a limited amount of marginal ore, do not indicate a probability of disclosing additional ore reserves of sufficient quantity and grade to justify further Government participation. We regret to advise you, under these circumstances, that your application for additional exploration is denied.

We wish to thank you for your interest in the Defense Minerals Program and for bringing your property to our attention.

Sincerely yours,

(JWALT/er 4/21/55)
WRO/er rewritten 4/26/55

C. O. Mittendorf

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

Administrator

Region I (2), Northwest Dist.

i sell metal of personal cy so that was too torn to read.

File Copy
Surname
J.W. Ad.

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

April 21, 1955

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Denial of Application to do additional work for Contract No. Idm-E294, Docket No. DMEA-2213, Elmer Enderlin, Meadow View Mine, Custer County, Idaho, Zinc.

The Operator of the cited contract has applied for an amendment to do additional exploration work at the Meadow View Mine. This work would consist of 800 feet of drifting and crosscutting at an adit level 140 feet below the existing adit, some bulldozing for portal site and roads, long hole drilling, and assaying. The total cost is estimated at $28,192.00, of which the Government participation is to be 62.5%. or $17,620.00. The Field Team has recommended this additional exploration work and that it be for tungsten-zinc, with Government participation at 62½%.

The date of the contract is April 16, 1952, and all work was done on an actual cost basis. The contract allowed the Operator to extend the adit crosscut 100 feet to intersect the No. 1 and No. 2 veins and to drift 100 feet on one or both of these veins. The total estimated cost was $9,120.00. The Operator completed the work on September 2, 1952. The work consisted of crosscutting 115 feet and drifting 95 feet at a total cost of $6,713.14. The work was done in a very satisfactory manner.

The adit penetrated both veins. Drifting to the northwest on the No. 1 vein proved discouraging, as the vein was found to consist of discontinuous pods and lenses of low-grade ore; the drift was extended 50 feet. Drifting on the No. 2 vein was more encouraging. Where cut by the adit, the vein is about 4 feet thick but as the vein is followed to the south the thickness increases. Maximum thickness is unknown but it is estimated to be at least 12 feet. Six channel samples taken had a weighted assay of 7.5% Zn and 0.306% WO_3 over an average vein width of 5.3 feet.

As exploration of the No. 2 vein had been encouraging the Field Team recommended an amendment to allow the Operator to do additional drifting on this vein.

Amendment No. 2, dated April 1, 1953, allowed the Operator to extend the drift 500 feet on the No. 2 vein. This drifting to be done on an agreed unit cost basis. With bulldozing, sampling and a consultant, the total cost of this amendment is $18,000.00. As of MF-104 October 1954 report, the Operator had drifted 438 feet and had expended $15,392.00.

The total amount expended for all work done as of the MF-104 October 1954 report is $22,105.14. The total amount of the contract and of the amendment is $27,120.00, with Government participation at 50%.

The work of this amendment was done during the summers of 1953 and 1954. The first 80 feet of drift continued in the strong No. 2 vein, the ore appearing to be comparable to that sampled in the first 45 feet of drift. Beyond the 80 foot point the drift crosscut to the southwest, into the hanging wall, where it continued some distance in barren ground. In the 1954 season, the drift was turned to the east where it crosscut a mineralized zone following an argillite-tactite contact. The zone is presumably the southern continuation of the No. 2 vein. Drifting to the south on this zone was discouraging and the face of the drift, as of October 12, 1954, was in barren quartz.

In evaluating the accomplishments of the project to date, it is apparent that a discovery has been made and that the property has some merit, although the findings are not as good as had been anticipated.

The proposed lower-level work will undoubtedly find the veins to extend to that level; however, there are no geologic reasons to expect the veins to differ in characteristics from those they exhibited above. There has been no appreciable change in the grade or mineralogy of the ore between the outcrop and the existing level, nor in the strike length along the adit level, and any changes at the proposed level 140 feet lower in elevation must be considered unlikely.

The proposal to allow the Operator to do additional work on these known veins at a lower level would not prove anything that is not already known. On the basis of the information already obtained and the review by the commodity member of the UBOS, we recommend that this application be denied.

W. R. Griswold

W. R. Griswold

JWAlt/er

Copy to: Docket
Base Metals
Chron.

IN REPLY REFER TO:

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

April 12, 1955

Memorandum

To: W. R. Griswold, Chief, Base Metals Division, Defense Minerals Exploration Administration

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

Subject: Review of Field Team proposal of March 25, 1955, to extend the Meadow View exploration project, DMEA Docket No. 2213, Custer County, Idaho

The Field Team's report recommends approval of an application submitted by the Operator to do additional exploration work at the Meadow View property. As stated by the Field Team, this work would consist of the 800 feet of drifting and crosscutting at a level 140 feet below the existing adit, some bulldozing, long hole drilling, and assaying. The total cost is estimated at $28,192, of which the Government is to participate in 62.5%, or $17,620.00.

The Meadow View project was designed to explore two veins, at distances ranging from about 60 to 100 feet below the outcrop, by driving a short adit and by 50 feet of drifting on each vein. The veins cropped out as strong gossans of relatively short strike length and in which there were to be seen traces of sphalerite and specks of scheelite. It was recognized from the start that the ore was low-grade but it was hoped that exploration would prove the deposits to be of replacement type and that they would be of large enough tonnage to permit mining.

The adit was successful in penetrating both veins. Drifting to the northwest on the No. 1 vein proved discouraging as the vein was found to consist of discontinuous pods and lenses of low grade ore; however, the drift was extended 50 feet as allowed by the contract. Drifting on the No. 2 vein was more encouraging. Where cut by the adit, the vein is about 4 feet thick but as the vein is followed to the south the thickness increases. Maximum thickness is unknown but estimated to be at least 12 feet. Six channel samples taken during the first 50 feet of drifting had a weighted assay of 7.5% Zn and 0.306% WO_3 over an average vein width of 5.3 feet. The ore consists chiefly of pyrrhotite and fine-grained quartz in which there is disseminated sphalerite, traces of chalcopyrite, and flecks and occasional crystals of scheelite.

As exploration of the No. 2 vein had been encouraging, the contract was amended to allow 500 feet of continued drifting to the south on that vein. This work was done during the summers of 1953 and 1954. The first 80 feet of drift continued in the strong No. 2 vein, the ore appearing to be comparable to that sampled in the first 50 feet of drift. Beyond the 80 foot point the drift crosscut to the southwest, into the vein hanging wall, where it was continued some distance in barren ground. In the 1954 season, the drift was turned to the east where it crosscut a mineralized zone following an argillite-tactite contact. This zone is presumably the southern continuation of the No. 2 vein. Drifting to the south on this zone was discouraging and the face of the drift, as of October 9, 1954, was in barren quartz.

In evaluating the accomplishments of the project to date it is apparent that a discovery has been made and that the property has some merit, although the findings are not as good as had been anticipated. The deposits have been found to be veins, in part cutting the bedding, and to have no extensive replacement thickness as had been hoped for. Further, the strike length of the No. 2 vein, while longer on the adit level than it was at the outcrop, is not impressive. The grade of ore in both veins is low. Considering the costs of mine and plant development, accessibility, and other economic factors, there is grave doubt in my mind as to whether it warrants being classed as ore. In this respect, I can see no reason to consider the property as a tungsten producer. It is true that the ore should average about 0.30% WO_3; however, in all the ore that I saw the scheelite is scattered throughout the pyrrhotite as specks and grains. In milling, if the ore is ground fine enough to release the sphalerite there will undoubtedly be much of the scheelite lost in the slimes. There is even the chance that little if any scheelite could be recovered. Unfortunately, exploration indicates that the deposits are not large enough nor high enough in grade to be mined solely for tungsten.

Whether the deposits warrant continued exploration is speculative. The proposed lower-level work will undoubtedly find the veins to extend to that level; however, there are no geologic reasons to expect the veins to differ in characteristics from those they exhibited above. They very likely will continue to pinch and swell both on strike and on dip. There has been no appreciable change in the grade or mineralogy of the ore between the outcrop and the existing adit level, nor in the strike length along the adit level, and any marked changes at the proposed level 140 feet lower in elevation must be considered as unlikely. Such work could very possibly accomplish little except to change the status of the ore in the block below the adit from inferred to indicated.

As to the proposed exploration project, the new adit would come under the No. 3 vein, the weakest of the 3 outcrops. This vein is probably the northern continuation of the No. 2 vein and as such it

might be possible to drift on the vein to the south and come under the downward continuation of the No. 2 vein. However, there is a barren stretch on the outcrop between the No. 2 and No. 3 veins, and, if this barren zone continues with depth, much of the drift will actually have little chance of finding ore. Actually, if the operator would be content with merely getting information on the vertical and strike-length extent of the veins he could achieve this purpose by diamond drilling flat or down holes from the proposed adit site to test the No. 3 vein, and by sinking a winze on the No. 2 vein from the existing drift. Such exploration would be cheaper than the type of work now proposed.

I am not making any recommendations on the proposed project as I believe it must be a policy decision to determine whether the No. 1 and 2 veins have been adequately explored. The Field Team has presented reasons for their favoring the applicant's program and I have attempted to point out various reasons why further work might not be justified. Were I writing the Field Team report I would not recommend the program as I do not believe it will result in much information that is not already known; however, in this case as in other projects, the final decision rests with DMEA.

Thor H. Kiilsgaard

Thor H. Kiilsgaard
Geologist

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

April 6, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR - 8 1955

Memorandum

To: W. R. Griswold
Chief, Base Metals Division, DMEA

From: J. H. Hedges, Bureau of Mines

Subject: DMEA-2213 (Zinc) Elmer Enderlin, Meadow View Mine, Custer County, Idaho
Proposed amendment to contract Idm-E294 to authorize additional work at an estimated cost of $28,192

Although the contract now nearing completion has partially developed two short veins the ore discovered is not shipping grade and the tonnage indicated and inferred is too small to warrant building a mill. The construction of a custom mill on a nearby property is mentioned as a possibility which might conceivably make profitable operation of the Meadow View mine possible.

The proposed crosscutting and drifting would test the three known veins on the property at a depth of about 140 feet below the present DMEA adit and has a good chance of materially increasing ore reserves of about the same grade developed above.

I would be willing to accept the field team's recommendation for an amendment to the present contract to allow an additional 800 feet of drifting and crosscutting and 500 feet of longhole drilling. However, I disagree with the proposal that percentage participation be changed from 50-50 to $62\frac{1}{2}$-$37\frac{1}{2}$.

J. H. Hedges
J. H. Hedges

Copy to: Division of Minerals
O. M. Bishop, Room 3617
J. H. Hedges

Jim Erwin AID 101-21413
Long year DD 632-1413

P

233-3611-6416

Anderson & Bida
Isaacs & Isaacs
Marcotte & wife
Simon

Insert
Examination
Report

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
MAR 30 1955

March 25, 1955

Air Mail

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

Re: Docket No. DMEA-2213 (tungsten-zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Enclosed are memoranda by Howard B. Nickelson, Geological Survey, and Alfred L. Service, Bureau of Mines, recommending an extension of the project at the Meadow View mine.

As Nickelson points out, exploration under the existing contract has been successful in partly outlining a rather promising body of tungsten-zinc ore. We believe that further exploration is justified and we concur with Nickelson's recommendations.

Service's memorandum discusses the costs and we are in agreement that these costs are reasonable.

Since the tungsten content of the ore is of considerable significance, we believe that in future work the amount of the Government's contribution should be increased to 62½ percent, the average between the contribution for zinc and tungsten.

By Field Team, Region I, NW District

A. E. Weissenborn

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

Wing G. Agnew

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

Enclosures
cc: USBM (2)
USBM(AD)
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
March 21, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 30 1955

MEMORANDUM

To: DMEA Field Team, Region I, NW District

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Cost analysis, Docket No. DMEA 2213 (zinc), Elmer Enderlin, Meadow View Mine, Custer County, Idaho, Contract Idm-E294

The Operator has submitted a request for additional work to explore the Meadow View mine for tungsten. The application includes 800 feet of drift and crosscut, 500 feet of long hole drilling, 16 hours of bulldozing, and 40 assays for silver, copper, zinc, and tungsten.

If the government should participate in the proposed exploration work the following unit costs are suggested for consideration.

Drift and crosscut	800 feet @ $34.00/ft.	$27,200.00
Longhole drilling	500 feet @ 1.00/ft.	500.00
Bulldozing	16 hours @ 12.00/ft.	192.00
Assays	40 @ 7.50/ea.sample	300.00
		$28,192.00
Government participation @ 62.5%		17,620.00

The drifting and crosscutting costs are the same as in Mr. Enderlin's current contract. Assay costs were taken from the Union Assay Office, Inc. price list.

A. L. Service

Orig. & 3 cys - Wash.
USGS (2)
DMEA
ALS/he
AD

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

March 8, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: Howard B. Nickelson, Geologist, U. S. Geological Survey

Subject: Request for additional exploration, Docket No. DMEA-2213 (tungsten-zinc), Elmer Enderlin, Meadow View Mine, Custer County, Idaho, Contract No. Idm-E294.

On December 13, 1954, Elmer Enderlin submitted an application for additional exploration. He proposes to drive a 300-foot crosscut to intersect the No. 3 vein, and to drift 300 feet on the vein. The proposed new level will be approximately 140 feet below the present DMEA level. He has also requested that the Government participate in a tungsten-zinc cost percentage ($62\frac{1}{2}\%$). Results of DMEA work done to date are shown on the attached map and are summarized as follows:

Vein No. 1 has been partially explored by the past DMEA work; it is estimated this work has discovered 1,300 tons of indicated ore and 2,600 tons of inferred ore. Weighted assays along the drift show the ore averages about 5.2 percent zinc, 0.27 percent tungsten trioxide, and 0.29 ounce of silver per ton. The vein has been only partly explored in the drift because the maximum back over the drift is 68 feet. However, drifting should be continued beyond a fault at the drift face to see if the vein extends beyond the fault and to determine if the vein rakes into the proposed exploration area. If the vein is found on the new proposed level, approximately 75 to 100 feet of drifting will be done to determine its grade and width.

The DMEA drifting on Vein No. 2 has shown it has a longer strike length and is wider than exposed on the surface. The reserves discovered by the DMEA work are estimated to be 4,600 tons of indicated ore and 7,100 tons of inferred ore. Weighted assays show the ore may average 8.35 percent zinc, 0.313 percent tungsten trioxide, and 0.28 ounce of silver per ton.

The south end of the outcrop ends abruptly as shown on the attached map; this is also true on the present level except the termination is partially capped by a mass of vitreous quartz. This abrupt termination of the oreshoot with no visible vein or fault continuing beyond the end of the shoot apparently is characteristic of the massive sulfide replacement veins of the district. This characteristic is particularly evident at the south end of the No. 2 vein. The vein material does not seem to have any preference in regard to wall rock as both argillite and limestone or tactite are replaced by these veins.

The continuity of the veins at depth is not known; thus, one of the purposes of the deeper exploration is to determine their down dip extension as well as to explore additional veins which have been examined insufficiently, or not at all, in the present project. The No. 2 vein shows a marked improvement in strike length and width on the present level; this is the main reason for recommending 200 additional feet of drifting so that this vein can be explored.

E. A. Youngberg, geologist, Geological Survey, cut a 78-inch sample across the gossan zone near the north end of Vein No. 3 which assayed no zinc and 0.3 percent tungsten trioxide. It has been mapped on the outcrop for about 80 feet, and is shown on the map to be about 4 to 6 feet wide except on the south end where it is about 24 inches wide over a short distance.

The dip used to project this vein to the new proposed level is 62° as shown on the section enclosed with the applicant's request. The dip of this vein is not definitely known but it is believed to be approximately as projected.

It was found after plotting Enderlin's proposed work on the attached composite map that 600 feet of proposed work would not test the three known veins. If an additional 200 feet of drifting and crosscutting is planned all three of the veins could be partially explored. (See attached map.)

A Field Team letter dated March 7, 1955, was sent to the applicant requesting he amend his application to allow a total of 800 feet of crosscutting and drifting and 500 feet of long-hole drilling. He was also asked to submit any request for bulldozing if it is required to clear a portal site and build a short access road.

Mr. Enderlin has agreed to the increased footage and approved the proposed 500 feet of long-hole drilling. He also stated 16 hours of bulldozing would prepare a portal site for the proposed crosscut per his letter of March 9, 1955.

It is recommended the present contract be amended to include the following exploration:

1. Crosscut and drift 800 feet from a portal site approximately 250 feet northwest of the present portal and approximately 140 feet lower in elevation to explore the No. 3, 1, and 2 veins in this order. The location of the portal site, direction of the crosscut, and amount of drifting on each vein will be subject to the Field Team's approval, but this work will follow approximately as outlined on the attached map.

2. It is recommended that approximately 16 hours of bulldozing be allowed to clear a portal site and construct a short access road to the portal.

3. It is recommended that 500 feet of long-hole drilling be allowed to test the walls for structures particularly in the No. 1 and No. 2 vein areas.

4. It is recommended the Government participate on a tungsten-zinc basis of 62½ percent of the proposed exploration costs because tungsten content of the ore discovered is the major value of the ore.

5. The time required to complete the work based on the rate of the past work will require about three working seasons.

6. The cost of assaying 40 samples for silver, zinc, copper, and tungsten should be allowed in the proposed amendment.

Mr. Enderlin has 52 feet of drifting remaining in the present contract. If this proposed amendment is approved, it is suggested the remaining footage be used to locate the No. 1 vein beyond the fault at the face of the present drift. The information gained from this drifting will be an aid in planning exploration on this vein on the proposed lower level. If this amendment is not approved, the remaining footage will be used to follow the structure found at the present face.

The Highland-Surprise Consolidated Mining Company of the Coeur d'Alene district has submitted an application for exploration of the Deer Trail claims located 1½ miles north of Enderlin's claims. The company officials have stated they plan to move a 300-ton flotation plant to these claims from the results of three diamond

drill holes and exposed vein outcrops. If this is true, Enderlin may make some kind of an arrangement to have the ore, now stockpiled, milled while they develop the Deer Trail claims.

The future of the Meadow View mine depends upon the discovery of ore reserves large enough to interest a mining concern able to construct a mill to concentrate the sphalerite and scheelite. It is believed the proposed exploration would increase the known ore reserves to interest some mining company. The results of the exploration to date have been good, and the operator has done an efficient job, practically alone.

Attachment

Distribution:
DMEA (orig. & 3)
USBM (2)
USGS(SRO)
Docket
Nickelson

11, East Mercury Street,
Butte, Montana
Mar. 9, 1955

Mr. A. E. Weissenborn,
Executive Officer,
DMEA Feild Team,
Spokane, Washington.

Docket 2213
Meadow Creek Mine
Custer County Idaho
Contract E294

Dear Mr. Weissenborn:

I received your letter and also copy of map and was pleased to hear that the DMEA was willing to go ahead with the Exploration program as we had planned.

I am willing to put up my share of the program as outlined and also the long-hole drilling which I beleive would be to a good advantage in prospecting the walls and structures.

It may interest you to know that I sold a lease and option on the property where I had my camp to the Highland-Surprise Consolidated Mining Co. Of Wallace, Idaho and they are planning on a considerable developement program on it and adjoining claims this Spring and they plan to go in as early as possible and they want me to work for them until I can get over to my own property so I will likely go up there earlier this year.

They expect to take a D6 dozer in with them so it may be possible for me to hire it to do my work in opening my road and cutting out for the new portal site and am sure I can hire it for $12 per hour and off hand it would take about two 8 hour days or 16 hours or $192. for the dozer to build new road to portal site and strip away slide-rock.

I have already started a new cabin on the property and will set up an entirely new camp close to the project this season.

In your letter of March 7, you stated that it would require 200 ft. of cross-cut to cut all the veins but take this as a mistake as the map shows 300 ft.

Trusting that this gives you the information you need.

Sincerely Yours,
Elmer Enderlin

RECEIVED
MAR 11 1955
U.S.
SPOKANE, WASH.

Defense Materials Administration
RECEIVED
MAR 14 1955

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

March 7, 1955

Mr. Elmer Enderlin
11 East Mercury Street
Butte, Montana

Re: Docket No. DMEA-2213 (aimc)
Meadow View Claims
Custer County, Idaho
Contract No. Idm-2294

Dear Elmer:

After reviewing your application for additional work under the above-cited contract, we have come to the conclusion that an additional 200 feet of drifting and crosscutting would be needed to explore all 3 veins which are shown on the enclosed map. This map also shows the proposed work and the veins projected to the proposed level.

If you are willing to participate in this additional 200 feet of crosscutting and drifting, please inform this office of your decision.

On the section you submitted with your request we notice the portal will have to be driven through talus and wonder if the portal site and possibly some road work should be done by bulldozing. If this is the case we suggest you request the number of hours that will be needed and state the cost per hour.

We are recommending to Washington about 500 feet of long-hole drilling to be used in testing the walls for structures. This drilling costs in the neighborhood of $1.00 per foot. It is believed this drilling will be of great value in proposed exploration.

We are also recommending to Washington that some sampling and assaying be done.

Mr. Nickelson plans to visit your property as soon as you begin work so as to agree on how to use the remaining footage in the existing contract to the best advantage. It is believed additional drifting through the fault at the face of the No. 1 vein drift would aid in determining more about this vein.

We hope this proposed additional work will be agreeable with you.

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: USBM (2)
DMEA (2)
Nickelson

File Copy
Surname
J. Alt.
Original
Selfridge
Johnson
Mitchell

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

JAN - 5 1955

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane, Washington

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-5294

Dear Mr. Weissenborn:

This will acknowledge receipt of your letter of December 22, 1954, with which you enclosed the original and two copies of an application for more work on the property covered by the cited contract. You state that you believe sufficient information is available in your office so that an appraisal of the application can be made without an examination.

In the event that you approve of the request to do additional work, we should have a property map showing where the proposed work is to be done.

We will hold this application in abeyance until the Field Team report is received.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

JWAlt/er 1/5/55

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

R. C. S.

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

November 29, 1954

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

Re: Docket No. DMEA-2213 (zinc)
Elmer Enderlin
Meadow View Claims
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Attached are the Government, Docket, and Division copies of Amendment No. 4 to the captioned contract.

Distribution of this amendment has been made in the usual manner.

Sincerely yours,

A. E. Weissenborn

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

Attachments

cc: USBM (2)
USBM(AD)
Nickelson

xxxxxxxxxxxxxxxxxx
Sc. 157 Howard Street
Spokane 4, Washington

November 16, 1954

Mr. Elmer Enderlin

Stanley, Idaho

Re: Docket No. DMEA-2213 (zinc)
Meadow View Claims
Custer County, Idaho
Contract No. Ida-2294

Dear Mr. Enderlin:

Enclosed are the original and six copies of Amendment No. 4 to the cited contract, which extends the time of completion until August 16, 1955. You requested this time extension in your September narrative report. If this amendment meets with your approval, please sign all copies and return all but the Operator's copy to this office as soon as possible.

You have mentioned, in your narrative report for October, your desire to work from a lower adit. The funds remaining in the contract will, of course, not permit such an adit. As we said in our letter of October 27, 1954, we suggest that you give the idea further consideration and if you feel a lower adit would be desirable exploration you should request an amendment to your contract which would provide for such work. Such a request would be considered an original application, and should include the data mentioned in our letter of October 27.

In order to keep the present contract in effect, however, it will be necessary for you to sign the enclosed amendment.

Sincerely yours,

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

Enclosure

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

File Copy
Surname
J.W. Alt
Grimwood
Chambers
Selfridge

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

NOV 8 - 1954

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

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Claims
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Weissenborn:

We are enclosing the original and five copies of Amendment No. 4 to the cited contract, signed by this office for the Government, together with Annex II. This amendment was requested in your letter of October 13, 1954.

If the amendment meets with your approval, kindly present it to the Operator for approval and signature and, when completed, distributed the copies in the usual manner. In the event that the amendment is not satisfactory and cannot be amended within your delegated authority, return all copies with your recommendation concerning any modification.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JB)

Enclosures

JWAlt/er 11/4/54

APPROVED:

J. H. Hedges
Member, Bureau of Mines (JB)

E. L. Newcomb
Member, Geological Survey (JB)

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

R.C.H.

...T OF THE INTERIOR
...Minerals Administration
RECEIVED
NOV 1 - 1954

xxxxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

October 27, 1954

Mr. Elmer Enderlin
Stanley
Idaho

Re: Docket No. DMA-2[illegible] (zinc)
Meadow View Claims
Custer County, Idaho
Contract No. Ida-[illegible]

Dear Mr. Enderlin:

This will acknowledge your letter of October 19, 1954, stating that you have been forced to shut down for the winter. We regret that you have been unable to finish the work specified in the contract but, of course, we realize that winter operation would be impracticable.

We cannot tell you definitely whether or not at this time the DMEA would approve an extension of the existing contract but if you will send us all the data, including the map you mentioned, showing the proposed crosscut and the distance of the veins, and fill out the enclosed forms -- in other words make another application -- we will be glad to forward this to our Washington office for their consideration. Be sure to include with this a complete estimate of the cost.

Whether or not this is approved, we feel it would be desirable to finish the work provided in the contract and we are, consequently, asking for an extension of the present contract.

By Field Team, Region II

[illegible] E. Weissenborn, Executive Officer
U. S. Geological Survey

[illegible] G. [illegible]gnew, Member
U. S. Bureau of Mines

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

File Copy
Surname
J. W. Act.

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

October 26, 1954

Memorandum

To: Acting Assistant Solicitor

From: Chief, Base Metals Division

Subject: Preparation of Amendment No. 4 for Docket No. DMEA-2213, Contract No. Idm-E294, Elmer Enderlin, Custer County, Idaho

Will you please prepare Amendment No. 4 for the cited contract. This amendment will allow an extension of completion time from October 16, 1954 to not later than August 16, 1955, extending the completion time 10 months.

The date of the contract is April 16, 1952. By amendments, the completion time was extended to October 16, 1954. Amendment No. 4 would bring the completion to 3 years and 4 months; therefore, the royalty repayment period should be increased from 11 to 12 years. Annex I of Amendment No. 2 increased the period from 10 to 11 years.

W. R. Griswold

W. R. Griswold

WWALT/er 10/26/54

Copy to: Docket
Base Metals
Chron.

Defense Minerals Administration
RECEIVED
OCT 22 1954

XXXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington

October 15, 1954

Mr. Elmer Enderlin
P. O. Box 285
Kellogg, Idaho

Re: Docket No. DMEA-2213
Contract No. Idm-E294
Monthly Operating Report
for September 1954

Dear Mr. Enderlin:

The subject operating report has been received and processed for payment. As the project may soon become inactive due to weather conditions and the expiration date is near, we are withholding $326.00 until a decision is reached regarding your request for an extension of time or another operating report is received.

This is standard procedure for all contracts as they near completion. We are obliged to withhold a portion of the Government's contribution to the cost pending disposition of jointly owned equipment, receipt of a final engineering report, and final accounting.

By Field Team, Region II

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

Thomas E. Howard
For Wing G. Agnew, Member
U. S. Bureau of Mines

cc: DMEA (2)
USGS (2)

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
OCT 18 1954

October 13, 1954

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

Re: Docket No. DMEA-2213 (zinc)
Elmer Enderlin
Meadow View Claims
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

The above-cited contract expires October 16, 1954. Although only about 80 feet of drifting remains to be done on this contract, this probably cannot be finished before the property will have to close for the winter. The Operator has requested (see narrative for September) an amendment extending the completion date.

As we believe it to the Government's interest to have the contract completed, we recommend a 10-month extension to August 16, 1955. This should give ample time, including a winter recess period, to complete the job. The Operator plans to work until driven out by the snow. We suggest, therefore, that an amendment extending the contract be prepared now. If he doesn't complete the contract before winter, we will request a winter recess as soon as we know the last day on which the Operator was able to work.

By DMEA Field Team, Region II

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

Thomas E Howard
For: Wing G. Agnew, Member
U. S. Bureau of Mines

cc: USBM (2)
USBM (AD)
Nickelson

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

October 13, 1954

Mr. Elmer Enderlin
P. O. Box 285
Kellogg, Idaho

Re: Docket No. DME[illegible]-2213 (zinc)
Meadow View Claims
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Enderlin:

We have noted your request, contained in the narrative report for the month of September, for a time extension on your contract.

We have referred your request to Washington, for any extension beyond two years requires the Administrator's approval.

If winter weather closes you down before contract work is completed, would you please inform us of your last day of work so we can arrange for an amendment allowing a winter recess.

Sincerely yours,

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

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

Docket # 2213

Stanley, Idaho
July 26,1954

Mr.A.E.Weissenborn,
DMEA Feild Team,
So. 157 Howard St.
Spokane,4 Washington.

Dear. Mr. Weissenborn:
I resumed work on my Meadow Veiw Mining claims July 16 th. although it was the 23rd. before we got set up to start drifting as there was still considerable snow on the road to be cleaned out before we could set the compressor up.

I only have one man working for me now and we are making three feet a day hand mucking so if we can average that for the season we should finish the contract about Oct,15th.providing we don't have any serious breakdowns.

Sincerely Yours,
Elmer Enderlin
Elmer Enderlin

RECEIVED
JUL 30 1954
U.S.B.M.
SPOKANE, WASH.

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

July 14, 1954

Mr. Elmer Enderlin
Stanley, Idaho

Re: Docket No. DMEA-2213 (zinc)
Meadow View Mine
Custer County, Idaho
Contract No. Idm-2294

Dear Mr. Enderlin:

This will acknowledge receipt of your letter of July 5, 1954, in which you note that snow conditions at your property make it impossible for you to commence work by July 1, but that you hope to have commenced work by July 15.

We are aware of the late spring in the mountainous areas of Idaho and wish to assure you that the delayed starting date of your project work will be acceptable to the Field Team. However, we would appreciate your advising us of the date on which you resume work.

We would suggest that you push the project as rapidly as possible for the remainder of the summer season. If you are unable to complete the project by October 15, and if you wish, we shall request another recess allowing you additional time to complete the work specified in the contract.

By Field Team, Region II

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

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

cc: DMEA (2)
USBM (2)
Kiilsgaard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
[illegible] 197 Novara Street
[illegible] 4, Washington

[illegible] 1954

Mr. [illegible] Lowerlin
11 East Mercury Street
Butte, Montana

Re: Docket No. DMEA-[illegible] (Z-[illegible])
Meadow View Mine
Custer County, Idaho
Contract No. [illegible]

Dear Mr. [illegible]:

Reference is to your contract specifications [illegible] work is to be resumed during the period October 15, [illegible], to [illegible] 1, 1954. If the latter date will soon be reached, we are [illegible] since you have [illegible] concerning the resumption of project work. [illegible] would be appreciated receiving a letter from you informing us as to whether you intend to resume work on or prior to the date on which this work will be started.

If you should have [illegible] show conditions at the mine [illegible] impossible to resume work by July 1, we could probably extend the starting date. However, if you do not intend to continue the work it would perhaps be in the best interests of both parties concerned to terminate the contract by mutual agreement, although we hope that you are not intending to cease operations as we feel that your property warrants further exploration.

Sincerely yours,

[illegible] H. Killsgaard
[illegible] H. [illegible]
Executive Officer, [illegible]
Field Team, [illegible]

cc: DMEA (2)
USBM (2)
Killsgaard

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

Defense Minerals Administration
RECEIVED
DEC 24 1953

December 21, 1953

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

Re: Docket No. DMEA-2213 (Zinc)
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Enclosed are the original and two signed copies of Amendment No. 3 to the above contract.

Distribution of this amendment is being made in the usual manner.

Sincerely yours,

A. E. Weissenborn

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

Enclosure

cc: Finance Office w/encl.
USBM (2)
Kiilsgaard

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

December 15, 1953

Mr. Elmer Enderlin
11 East Mercury Street
Butte, Montana

Re: Docket No. DMEA-2213 (Zinc)
Meadow View Mine
Custer County, Idaho
Contract No. Idm-2294

Dear Mr. Enderlin:

Enclosed are copies of Amendment No. 3 to your Meadow View contract which extends the completion date of your contract until October 16, 1954. If this amendment meets with your approval, please sign all copies, retain that copy marked for the Operator and return the others to this office.

You will note in the amendment that the starting date for spring work has been set at July 1, 1954. It is hoped, of course, that you will be able to commence work before that date as you will need as much of the summer season as you can get to complete the project. In the event you cannot start by July 1, you should notify this office previous to that date so that we may consider an amendment extending the starting date.

With reference to your letter of December 2, we do not have complete information on all samples taken at your property during the past summer. From what we do have, it would appear that the grade of ore is much the same as that exposed by your work during the summer of 1952.

Sincerely yours,

Thor M. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosure

cc: USBM (2)
DMEA (2)
Kiilsgaard

500 FILE COPY
SURNAME:

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

DEC 3 - 1953

J. W. Alt
Chairman
Chamberlin
Lazerte
Selfridge
Fitzsimons

Mr. A. E. Weissenborn
Executive Officer
DMA Field Team, Region II
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA 2213 (Zinc)
Elmer Underlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-2294

Dear Mr. Weissenborn:

We are enclosing the original and five copies of Amendment No. 3 to the above contract, signed by this office, together with Annex I. This amendment was requested in your letter of November 6, 1953.

Before the amendment can be executed it will be necessary to insert the date when the recess will be over. If this date should prove to be too soon, it can be extended by an amendment.

If the amendment meets with your approval, kindly present it to the Operator for approval and signature and, when completed, distribute in the usual manner. In the event that the amendment is not satisfactory, and cannot be amended within your delegated authority, return all copies with your recommendation concerning any modification.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (2/3)

Enclosures - 6
APPROVED:

J. H. Hedges (2/3)
Member, Bureau of Mines

D. M. Larrabee (2/3)
Member, Geological Survey

JWAlt/hmj (11-30-53)
CC to: Docket
Adm. R. File
Op. Committee
Base Metals
Mr. Kinkel
Mr. Bishop
Chron.

R. C. Ly. 12-3-53

FILE COPY
SURNAME:
MBL

UNITED STATES
DEPARTMENT OF THE INTERIOR 140
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

N5 in RR

November 27, 1953

Memorandum

To: The Administrator

Through: W. R. Griswold

From: Chief Counsel

Subject: Elmer Enderlin - Docket No. DMEA-2213 - Amendment No. 3

There is enclosed Amendment No. 3 providing for a recess and extension of time for performance, and extending the time for the payment of royalties. There should be inserted by the Executive Officer the date when the recess is over. If the effective date is not known now, a date can be inserted beyond which the recess cannot possibly go.

Albert E. Kane

for J. L. Hofflund
Chief Counsel

Attachments

AEKane/emaxxx/
Copy to: Docket
Adm. R. File
Mr. Griswold
A. E. Kane
J. L. Hofflund
Chron.

FILE COPY
500 SURNAME:

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

N.S. in R.R.

November 20, 1953

J.W. Alt
Initialed

Memorandum

To: Chief Counsel

From: J. W. Alt, Base Metals Division

Subject: Amendment to allow Operator an extension of time to complete the work under contract Idm-E294, Docket No. DMA-2213 (Zinc), Elmer Underlin, Custer County, Idaho.

The attached Amendment No. 3 has been prepared by the Field Team of Region II. Will you please review this amendment and make any corrections that you think are necessary.

J. W. Alt

Attachment

JWAlt/hmj
CC to: Docket
Base Metals
Chron.

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 Exploration Adm
REC'D
NOV 10 1953

November 6, 1953

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

Re: Docket No. DMEA-2213 (zinc)
Elmer Enderlin
Meadow View claims
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Reference is made to your letter of October 29, 1953, concerning an extension of the contract completion date and to a letter of October 26, 1953, from the Operator, two copies of which are enclosed.

It will be noted that the Operator requests a recess for his project until spring. A recent inspection report, copies of which accompany this letter, indicate that the results of work completed this season have been, for the most part, favorable. Further work is required however to adequately test the property. It is anticipated that this addition work will take the better part of next season to complete, and we have therefore prepared the enclosed Amendment No. 3 which will extend the completion date until October 16, 1954. We have not specified in the amendment when work is to resume in the spring as such a date would be so indefinite as to be meaningless. This amendment will require approval and signature by the Administrator to become effective.

We believe the reasons given by the Operator for deferring work are valid, and as we are highly in favor of additional exploration, we recommend approval of the enclosed amendment.

By DMEA Field Team, Region II

M. E. Volin, Acting Exec. Officer
U. S. Bureau of Mines

Thor H. Kiilsgaard, Acting Member
U. S. Geological Survey

Enclosures
cc: USBM(2)
Kiilsgaard

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
NOV 10 1953

11 East Mercury St.
Butte, Montana
October 26, 1953

Thor Kiilsgaard,
USGS,
DMEA Field Team,
So. 157 Howard Street,
Spokane, Washington.

Dear Mr. Kiilsgaard.

Since your recent visit to my mining claims in Custer County, Idaho we drifted a distance of 10 ft. and the mucking machine broke down and it started snowing the same day, Oct. 18 so I decided it would be best to shut down for the winter as it would be very difficult to move the compressor and mucking machine out if it snowed very much.

We moved this machinery down to Challis for repairs and for the winter.

I would like to get an extention of time on the present contract to complete the 500 ft. of drift if possible so that I could return to the property as early as possible in the Spring.

I expect to work here for the ACM for the winter so please have any mail sent to me here direct as it would save a lot of time and should I leave here I will let you know.

The 10 ft. we advanced was in the S 77 E direction you suggested.

Sincerely yours,

/s/ Elmer Enderlin

Elmer Enderlin
11 East Mercury Street,
Butte, Montana

C
O
P
Y

DOCKET COPY

EXPLORATION PROJECT CONTRACT
ELMER ENDERLIN
DOCKET NO. DMEA-2213

Amendment No. 3

It is agreed this 6th day of November, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Elmer Enderlin (Henry Connolly, one of the two members of the Operator partnership, having withdrawn therefrom and assigned all his interest in this contract to Elmer Enderlin), that Contract Idm-E294 (Docket No. DMEA-2213) dated April 16, 1952, as amended, is further amended, effective October 16, 1953, as follows:

1. In Article 3 of the contract form, delete the words "within a period of eighteen (18) months from the date of this contract," and substitute the words "not later than October 16, 1954."

2. Annex I, attached hereto, is substituted for that part of Article 9(a) which precedes the colon; and the period "eleven (11) years" is substituted for the period "ten years" in Article 9(a).

This amendment shall not be construed to increase the estimated total cost of the project nor the aggregate total amount which the Government may be required to contribute.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By_____
Administrator, Defense Minerals
Exploration Administration

ELMER ENDERLIN

By_____

ELMER ENDERLIN
EXPLORATION PROJECT CONTRACT
DOCKET NO. DMEA-2213

ANNEX I

The following provisions are in lieu of all of the first paragraph of Article 9(a) which precedes the colon:

> If the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after a sufficient, complete, final report and final account referred to in the contract has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development. The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2, as follows: (1) Regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years* from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

* The period "eleven (11) years" is substituted for the period "ten years."

FILE COPY
SURNAME 500

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

OCT 29 1953

J. W. Alt
Hmmd
Selfridge
H. Hedges
Thayer

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

Re: Docket No. DMEA-2213 (Zinc)
Elmer Anderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Weissenborn:

We wish to call your attention to the fact that the completion date for the above contract, as fixed by Amendment No. 2, was October 16, 1953, which date was eighteen months from the date of the contract.

This date has passed and, as the Operator will unquestionably require an extension beyond the two-year limitation due to the short working season, and as such an extension requires the approval of the Administrator, you should prepare and submit an amendment extending the completion time if you are of the opinion that it should be extended.

We note that the Operator states in his narrative report for the month of September that: "It is doubtful that I will be able to operate here much longer this fall as we already had a small snowfall and it could hit here at any time at this elevation." Under these conditions the amendment should include a recess of operations and a date when operations should be resumed.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

JWAlt/hmj (10-27-53)
CC to: Docket
Adm. R. File
Op. Committee
Mr. Kinkel
Mr. Bishop
Base Metals Div.
Chron.

APPROVED:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

R.C.S.
10-29-53

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

April 22, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 27 1953

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

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-E294

Dear Mr. Selfridge:

Attached are the original and two signed copies of Amendment No. 2 to the subject contract. Distribution of this amendment has been made in the usual manner.

Sincerely yours,

A. E. Weissenborn

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

Attachment

cc: USBM (2)
Kiilsgaard

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

1201 N. Division St.
Spokane 2, Washington
April 8, 1953

Mr. Elmer Enderlin
c/o J. R. Simplot Company
Challis, Idaho

APR 13 1953

Subject: Docket No. DMEA 2213
Contract Idm-E294
Meadow View Mine
Amendment No. 2

Dear Mr. Enderlin:

Enclosed are the original and 5 copies of the subject amendment which have been signed for the Government by C. O. Mittendorf, Administrator, Defense Minerals Exploration Administration. If this amendment meets with your approval please sign all copies, retain the copy marked "Operator's Copy" and return the remaining five copies to this office. In the event the amendment is not satisfactory, return all copies with your comments.

You will note that the amendment was prepared as requested by you with the following exceptions:

1. Government participation remains at 50 percent rather than 75 percent.

2. The costs of sampling, assaying and consultants have been removed from the unit cost of drifting and the Government's contribution to these items will be on the basis of actual costs.

Sincerely yours,

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

Enclosure

cc: DMEA, Wash. (2)
USGS (2)
DMEA
AD
WSA
DF

FILE COPY
SURNAME:
500

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

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region II
South 157 Howard Street
Spokane 8, Washington

APR 2 1953

Re: Docket No. DMA-2213 (Zinc)
Elmer Underlin
Meadow View Mine
Custer County, Idaho
Contract No. Idm-2294

Dear Mr. Weissenborn:

We are enclosing the original and five copies of Amendment No. 2 (5 pages) to the above contract, signed by this office for the Government.

If the amendment meets with your approval, kindly present it to the Operator for approval and signature, and when completed distribute in the usual manner. In the event that the amendment is not satisfactory, return all copies with your recommendation concerning any modification.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures 6

APPROVED:

J. H. Hedges

Member, Bureau of Mines

Member, Geological Survey

JWAlt/hmj (3/31/53)
CC to: Docket
Adm. R. File
Operating Committee
Base Metals Division
Mr. Kinkel
Mr. Bishop
Mr. Alt
Chron

FILE COPY
SURNAME:

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

March 31, 1953

Memorandum

To: The Administrator

From: Chief, Base Metals Division J.C. 4-2/53

Subject: Justification for Amendment No. 2 to Docket No. DMA 2213, Contract No. Idm-R294, Meadow View Mine, Elmer Enderlin, Custer County, Idaho.

In concurrence with the examining engineers and the commodity men of USBM and USGS, this office approves the granting of the proposed increase in funds to do additional work.

Work under the original contract was completed by September 30, 1952. The work consisted of 95 feet of drifting and 115 feet of crosscutting. The crosscut adit was driven to intersect the No. 1 and No. 2 veins. An equal amount of drifting was done on each vein. The work done by the Operator was very satisfactory and both drifts exposed mineralization, with No. 2 vein being regarded as the stronger and more persistant of the two.

Dean Holt, USBM, took 6 channel samples, 5 to 10 feet apart, along the No. 2 vein. The weighted average of these is 7.5 per cent zinc and 0.306 per cent WO_3 over an average width of 5.3 feet.

The estimated cost of the original contract was $9,120.00. The work of the contract was completed for an expenditure of approximately $6,713.00, leaving a balance of about $2,407.00.

The work to be done under the amendment will consist of extending the drift on the No. 2 vein 500 feet to the southeast. The drifting will be done on a unit cost basis at $34.00 per foot.

The estimated cost of the additional work designated as Stage II of the Amendment is:

30 hours of bulldozing for improving road and portal site, including transportation of bulldozer to and from site	$ 500.00

500 feet of drifting @ $34.00/ft.	$ 17,000.00
Consultant	300.00
Sampling and assaying	200.00
Total Estimated Cost of Stage II	$ 18,000.00
Total Estimated Cost of Stage I (Original Contract)	9,120.00
Total Estimated Cost of Project	$ 27,120.00
Total Government Participation @ 50 %	$ 13,560.00

W. R. Griswold

W. R. Griswold

Attachments

JWAlt/hmj
(3/31/53)
CC to: Docket
Adm. R. File
Operating Committee
Base Metals Division
Region II (2)
Mr. Kinkel
Mr. Bishop
Mr. Alt
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

March 26, 1953

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

Re: Docket No. DMEA-2213 (Zinc)
Meadow View Mine
Custer County, Idaho
Contract Idm-E294

Dear Mr. Selfridge:

Reference is made to your letter of March 4, 1953, in which you request information on the subject contract.

A letter from the Field Team, dated February 27, 1953, requesting an extension to the Meadow View contract apparently crossed your letter in the mail.

In the event the Operator's request for additional contract funds and time is denied, please advise and we will prepare a final report recommending certification of discovery. If immediate information on the project is required, please refer to the Region II Annual Report for 1952.

Sincerely yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: M. E. Volin
Acting Executive Officer
DMEA Field Team, Region II

cc: USBM (2)
Kiilsgaard

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

March 20, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 23 1953

Memorandum

To: W. R. Griswold, DMEA

From: O. M. Bishop, Base Metals Branch

Subject: Recommendation for approval of Docket DMEA-2213, Enderlin and Connally Meadow View Mine, Custer County, Idaho. Total cost $18,000. Zinc-Tungsten

The applicant has completed a DMEA project at the Meadow View mine and is now applying for additional assistance to continue exploration. Under the previous contract the applicant crosscut 115 feet starting from a point 35 feet from the portal of the adit and intersected two veins. The first, No. 1 vein was intersected at 55 feet from the portal and the second, No. 2 vein at about 150 feet from portal. Under the first contract 52 feet of drifting was done on No. 1 vein and 45 feet of drifting on No. 2 vein. No. 2 vein is regarded as the stronger and more persistent of the two. The operator now proposes to drift 500 feet southeast on No. 2 vein at an estimated cost of $18,000.

According to T. H. Kiilsgaard of the U. S. Geological Survey, the vein is composed chiefly of pyrrhotite with sphalerite, minor amounts of chalcopyrite, and scheelite. Dean Holt of the Bureau of Mines took 6 channel samples 5 to 10 feet apart along the vein. The channel samples averaged 5.3 feet long and gave a weighted average of 7.5 percent zinc and 0.306 percent WO_3.

The examining field team recommends additional work on No. 2 vein to the southeast and the field team concurs in this recommendation. The applicant would like the new application to be considered on the basis of tungsten rather than zinc. The field team believes the tungsten content of the vein sufficient to consider this request. However, Erwin J. Lyons of the Washington staff of the Geological Survey in a memorandum of March 12, 1953 recommends that the application be approved on the basis of zinc because of the low tungsten values and the probable metallurgical problems involved in recovering tungsten from the ore. The present reviewer agrees with Mr. Lyons feeling that .306 percent tungsten is a rather small concentration and unless a considerable tonnage of ore is proved the requisite milling equipment cannot be justifiably installed to effect a

recovery of both zinc and tungsten. For that reason the present reviewer recommends that the property be considered solely on its merit as a potential producer of zinc and recommends the application on that basis.

O. M. Bishop

O. M. Bishop

IN REPLY REFER TO:

Griswold
Alb
Betty

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

March 12, 1953

Memorandum

To: Mr. W. R. Griswold

From: Erwin J. Lyons

Subject: Recommendation for approval

Re: Docket DMEA-2213
Enderlin and Connally
Meadow View Mine
Custer County, Idaho
Total Cost: $18,000
Zinc-tungsten

The applicant has completed a DMEA project at the Meadow View mine and is applying for further assistance from the Government to continue the exploration. Under the previous contract the applicant crosscut 115 feet starting from a point about 35 feet from the portal of the adit and intersected two veins - No. 1 vein about 55 feet from the portal and No. 2 vein about 150 feet from the portal. Fifty-two feet of drifting was done on No. 1 vein and forty-five feet on No. 2. The operator now proposes to drift 500 feet southeast on the No. 2 vein. Total cost of the project is estimated at $18,000.

No. 2 vein is the stronger and more persistant of the two. According to T. H. Kiilsgaard, U. S. Geological Survey, it is composed chiefly of pyrrhotite with sphalerite, chalcopyrite, and scheelite. Dean Holt of the U. S. Bureau of Mines took 6 channel samples 5 to 10 feet apart along the vein. The weighted average of these is 7.5% Zn and 0.306% WO_3 over an average width of 5.3 feet.

The examining team recommends additional work on No. 2 vein to the southeast and the field team concurs in this recommendation. The applicant would like the new application to be considered on the basis of tungsten rather than zinc. The field team believes that the tungsten content of the vein is sufficient to consider this request. The present reviewer, however, recommends that the application be approved on the basis of zinc because of the low tungsten values and the probable metallurgical problems involved in recovering tungsten from this ore.

Erwin J. Lyons

Erwin J. Lyons
Geologist

FILE COPY
SURNAME:

500

Griswold
Selfridge

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

BW

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

MAR 4 1953

Re: Docket No. DMA-2213 (Zinc)
Elmer Inderlin & Henry Connolly
Meadow View Mine
Custer County, Idaho
Contract No. Idm-5294

J.C. 3/4/53

Dear Mr. Weissenborn:

In order that there may be no undue time lag in the certifications of completed projects, in cases where such procedure may be in order, would you be kind enough to advise us as to the status of this project.

Either a recommendation for additional work or a certification would seem to be indicated.

Sincerely yours,

George C. Selfridge (JHB)
Chairman, Operating Committee

APPROVED:

J. H. Hedges (JHB)
Member, Bureau of Mines

D. M. Lemmon (JHB)
Member, Geological Survey

WRGriswold/bjl (written 3/2/53)

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
W. R. Griswold
Mr. Bishop
Mr. Kinkel
Chron.

dmea 2213

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

Spokane, Washington
February 27, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 1953

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington, D. C.

From: DMEA Field Team, Region II

Subject: Docket No. DMEA 2213 (zinc)
Enderlin and Connally
Meadow View Mine, Custer County, Idaho
Application for additional exploration

Enclosed are the following papers in connection with the subject application for additional work on the Meadow View claims.

1. Assignment and acceptance (orig. and 5 ozalid copies)
2. Form MF-103 (~~3~~ 4 copies)
3. Quit claim deed (orig. and 3 ozalid copies)
4. Memorandum to Field Team from V. Z. Johnson and T. E. Howard, USBM (orig. and 3 copies)

We believe that the proposed work is justified and recommend that it be favorably considered. However, we are uncertain as to the mechanics of providing for it, i.e., whether to extend the old contract or write a new one. A new contract may be the simpler procedure if the applicant's request is approved for Government contribution to the cost of the work on the tungsten basis. In our opinion, the tungsten content of the vein is sufficient to require consideration of this request.

We have tried in the enclosed documents to provide for either amending the present contract or writing a new one. Final settlement of the present contract will be withheld pending your advice as to which plan will be more desirable.

By Field Team, Region II

A. E. Weissenborn

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

M. E. Volin

M. E. Volin, Member
U. S. Bureau of Mines

Enclosures

dmea 2213

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
February 27, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson and T. E. Howard, Mining Engineers, Bureau of Mines

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
MAR 3 1953

Subject: Docket No. DMEA 2213 (zinc)
Enderlin and Connally, Meadow View Mine
Custer County, Idaho

An application has been received from Elmer Enderlin for a new DMEA contract to further explore the No. 2 vein of the Meadow View mine which was partially explored under Contract Idm-E294. The applicant feels that the tungsten content of the vein warrants Government participation on the basis of tungsten rather than zinc as in the present contract. Therefore, he has applied for a new contract rather than an extension of the old one.

Information in the files (see inspection reports by T. H. Kiilsgaard, USGS, dated November 5, 1952, and Dean Holt, USBM, dated November 25, 1952) indicates that the proposed work is desirable. Samples taken from the No. 2 vein contained from 5.3 to 10.4 percent Zn and from 0.18 to 0.44 percent WO_3 over widths of from 4.1 to 7.0 feet; sufficient tungsten to be considered in determining Government participation.

The applicant proposes to extend the present drift on the No. 2 vein 500 feet southeast and to improve the existing access road and portal site. He estimates the cost of this work will be $18,000 and as the bookkeeping required under the present long form contract was difficult for him he would prefer that Government contribution to the cost of drifting be on the basis of an agreed unit cost of $35/foot in lieu of actual costs. He estimates the cost of dozing to improve the road and portal site will be $500 including moving charges.

Enderlin had previously indicated that he thought he could do the proposed drifting for $30 per foot if he could work two headings simultaneously. Upon the recommendation of representatives of the Field Team the proposed work would be limited to one heading for which he estimates a unit cost of $35/foot. Drifting and crosscutting during the past season were accomplished at unit costs which varied from

$23.55 per foot to $35.84 per foot. The sections of drift completed for $23.55 per foot extended less than 50 feet from the crosscut, requiring a minimum of pipe and rail and a relatively short tram. Then, too, rail was not purchased for last season's work nor was any ventilation equipment; both items must be considered for the new work. Other miscellaneous supply items were on hand at the beginning of work and were not charged to the project.

The average cost of 210 feet of untimbered drift and crosscut completed last season was $28.69 per foot. Estimated additional costs of the drifting proposed for next season are as follows:

	Cost/ft.	
Additional supplies	$ 1.00	
Track	1.30	
Ventilation	1.25	
Additional labor	1.00	
Additional equipment depreciation	.50	
Total	5.05	
	28.69	
	$33.74	SAY $34 per foot

Total cost of the new work would be:

500 feet of drifting @ $34/ft	$17,000.
30 hours bulldozing for improvement of road and portal site @ $15/hr.	450.
Moving dozer - $50	50.
Sampling	200.
Consultants	300.
Total	$18,000.

It is noted that the new application is made by Enderlin alone. The partnership of Enderlin and Connally, Operators under the present contract, has been dissolved and Connally has given Enderlin a quit claim deed for the property. He has also assigned his interest in the present contract to Enderlin so that it would be possible, if desirable, to extend it rather than negotiate a new one.

The work specified under the original contract was completed at a total cost of $6,713.14, leaving about $2,300.00 unexpended. A part of the Government's contribution amounting to $456.00 has been withheld pending disposal of jointly-owned property and final audit. In order that the contract may be closed out, Enderlin has made an offer of $325.00 for the stoper (original cost - $689.00), the sole jointly-owned item of equipment purchased for the project. He had

previously submitted copies of his correspondence with machinery dealers in Missoula, Montana, and Wallace, Idaho, regarding sale of the machine. These dealers, though they did not make a firm bid, indicated that a fair price would be from $250 to $300. It is recommended that his offer of $325 be accepted. It is further recommended that the Government's interest in the pipe purchased for the project at an original cost of $138.98 and which is part of the permanent installation be waived. There were no unexpended supplies.

V. Z. Johnson
T. E. Howard

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
Spokane, Washington
January 28, 1953

Mr. Elmer Enderlin
% J. R. Simplot Fluorspar Mine
Challis, Idaho

Subject: Assignment and continuation of DMEA Contract Idm-E294, Docket No. 2213 (zinc)

Dear Mr. Enderlin:

Your letter of January 11, 1953 seems to be a feasible proposal for further work at the Meadow View. Your report will suffice for the work completed during the past season.

If further work is done, the Field Team favors continuation under the existing contract, with an appropriate amendment from Washington, D. C. to cover the proposed additional expense of 500 feet of drift at $30/ft., about 30 hours of bulldozing at $15/hr., and $50 moving charge, a total of about $13,000 ($15,500 minus $2,600 remaining under the current obligation).

Assignments of the interest of your former partner, Mr. Henry Connolly, in the claims and in the DMEA contract will be required for a new contract or for the continuation of the existing one. The experience of this office with a similar circumstance indicates that the Government may require the following separate instruments:

1. A quit claim deed from Henry Connolly transferring the Meadow View claims to Elmer Enderlin.

2. An assignment from Henry Connolly of DMEA contract Idm-E294 to Elmer Enderlin.

3. The acceptance of the assignment of DMEA contract Idm-E294 by Elmer Enderlin.

A copy of a suggested form of assignment and acceptance is attached for your information. Upon receipt of the above papers we will forward them to Washington with a recommendation for a contract amendment.

By Field Team, Region II

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

M. E. Volin, Member
U. S. Bureau of Mines

Enclosure

cc: DMEA, Wash. (2)

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

January 23, 1953

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Mr. Enderlin's letter of Jan. 11, 1953, Enderlin & Connolly (Meadow View), Custer County, Idaho, Contract No. Idm-E294, DMEA Docket No. 2213 (zinc)

I believe Mr. Enderlin's report is satisfactory. There is hardly enough engineering or geologic problem involved to burden his contract with more technical services.

He and Mr. Kiilsgaard are in accord on the proposed drifting; but there is only about $2600 left in the existing contract. The proposed bulldozing is feasible, I believe. Washington office approval of increases totaling about $13,000 would be needed to continue the project.

Mr. Enderlin requests that a new contract be drawn up. I have discussed this with Mr. Kiilsgaard who favors continuation by amending the existing contract. In the event the present contract is carried on, Mr. Enderlin should submit the following:

1. A quit claim deed from his former partner, Mr. Henry Connally.
2. Assignment of any interest in the DMEA contract from above mentioned former partner.
3. Acceptance of the assignment and of the contract obligations as previously applied to the partners.

In searching through our contracts I find that the above instruments were required by the Washington Office of DMEA when Wm. R. McLure et al, transferred Contract E-114 to the Double Eagle Mining Co. Mr. Weissenborn enclosed these instruments with a letter of April 16, 1952, but I find no copies here.

V. Z. Johnson

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

C
O
P
Y

c/o Fluorspar Mine
Challis, Idaho
Jan. 11, 1953

Mr. M. E. Volin
Member, DMEA Field Team
Region 2

Gentlemen:

Am returning certified copies of gasoline invoices as requested.

I was talking to one of your field men (Mr. Johnson) a few days ago here at the Fluorspar Mine in regard to our final report as I have not heard from you whether or not the final report was satisfactory or not and would like to know where we stand on this.

I wrote to Mr. Thor Kiilsgaard in regard to further exploration of #2 vein and figured that I could run 500 ft. of drift on this vein at a total cost of $15,000 or $30 per ft. by drifting both north and south and also suggested that we spend $500 for bulldozer to level off slide rock so as to have a place to stockpile the ore in place of putting it over the dump and could possibly fix the road to the property at the same time so that it would be at least passable.

If there is any information you could give me on this I would appreciate hearing from you.

There is another thing too, that we would have to enter into a new contract altogether as Henry Connolly has no more to do with this property so send all papers direct to me.

Sincerely yours,

ELMER ENDERLIN /s/

Elmer Enderlin

500

FILE COPY
SURNAME:

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

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

DEC 15 1952

Re: Docket No. DMEA-2213 (Zinc)
Contract No. Idm-R294
Elmer Anderlin and Henry Connolly
Custer County, Idaho

Dear Mr. Weissenborn:

A review of the memorandum by Dean C. Holt, Mining Engineer, Bureau of Mines, to DMEA Field Team, Region II concerning the final inspection of the above referenced docket and contract, indicates that one of the following procedures should be initiated:

1. Submit a final report on which to certify that a discovery has been made. This, of course, would be a very limited ore body as the amount of work allowed and completed by the contract is small, ore showing in one drift for only 52 feet and in the other for 45 feet.

2. Amend the contract to allow for additional work and the time and funds necessary to complete it, if such an amendment was solicited by the operator and approved by your office. The work under this amendment could be on a unit cost basis.

Mr. Holt states that the operator indicates that he might request an extension of the present contract with certain revisions. This should be determined as soon as you can conveniently arrange a meeting with the operator.

We shall be interested in receiving your recommendations as to whether this contract should be terminated or amended.

Sincerely yours,

(signed) FRANK M. JOHNSON (JWA)
Chairman, Operating Committee

APPROVED:

J. H. Hedges (JWA)
Member, Bureau of Mines

A. R. Kinkle (JWA)
Member, Geological Survey

JWAlt/hmj 12-12-52
CC to: Adm. Reading File
Operating Committee
Docket File Copy
Mr. Keller (2)
Mr. Alt
Mr. Kinkle
Mr. Bishop

12-15-52

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

Department of the Interior
Defense Minerals Administration
DEC 1 1952

December 12, 1952

Mr. Frank E. Johnson, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Meadowview Mine
Custer County, Idaho
Docket DMEA 2213 (Zinc)
Contract Idm-E294

Dear Mr. Johnson:

Enclosed are the original and two copies of a final report submitted by Mr. Elmer Enderlin on the captioned contract.

Mr. Enderlin completed all work allowable in the contract by September 30, 1952, although at that time there remained about $2,600 of unspent funds. In an interview with Mr. Enderlin on October 6, 1952, Mr. T. H. Kiilsgaard, U. S. Geological Survey, was informed that Enderlin wished to do more exploration work on the Meadowview property, particularly drifting to the southeast on the No. 2 vein, but that there was not enough money remaining to do the desired amount of work and that an amendment extending the funds or another contract should therefore be negotiated for this purpose. Enderlin was advised that the No. 2 vein was strong and would certainly warrant more exploration if the assay values were encouraging. Information compiled since that time indicates that continued exploration is warranted (see Kiilsgaard's inspection report of November 5, 1952, and Holt's final inspection report of November 25, 1952).

Mr. Enderlin has recently been advised to submit a proposed exploration program to this office. If this program proves logical, as it is expected to be, it will be forwarded to Washington, D. C., with recommendations for approval. It is therefore suggested that Enderlin's report not be considered as a final report inasmuch as we expect to be in business with him at least for the coming field season and will probably use the remaining contract funds plus additional funds as well.

Sincerely yours,

M. E. Volin, Member

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

Enclosure
cc: USBM (2)
Kiilsgaard

OPERS. Ist, FINAL RPT

C/o Fluorspar Mine
Challis, Idaho.
Dec.1,1952

USBM.
Gentlemen:
Enclosed is final report on our DMEA zinc project and if there is any additional imformation needed to close this project please advise me.

Respectfuly Yours,
Elmer Enderlin
Elmer Enderlin

RECEIVED
DEC 9 1952
U. S. G. S.
SPOKANE, WASH.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 5 1952

Docket # Contract # 294
Final Report on DMEA 2213

RECEIVED
DEC 9 1952
U. S. G. S.
SPOKANE, WASH.

Meadowview Mining Claims- * Enderlin & Connolly
Custer County, Idaho.

Original discovery of Meadowview #1-2-3-4 claims made by Elmer Enderlin in August of 1950 with 2miles of access road built with bulldozer and six additional claims located joining and about fifty feet of crosscut started to cut #1& 2 veins during 1951 season.

Entered into contract with DMEA in Spring of 1952 to finance crosscut to second vein and explore each vein for a distance not to exceed fifty feet or 100ft of drifting with total cost of project not to exceed $9,120 on 50-50 basis with work to start July 16th.1952.

Work started on schedule July 16 th. 1952 removing snow from road and installing 160 c.f. Le-Roi Airccompressor,a160ft. of 2in. air pipe to portal of tunnel,160ft. 1/2 inch water line and pressure tank from compressor to portal.

We also installed track and car in tunnel (as this crosscut was started with wheelbarrow in 1951) This track and car were not charged against the project although they will remain there.

Although we encountered harder rock than we had expected and used considerable more powder and steel than we had planned on the job was completed in good time on Sept.30.1952 with two very promising veins of zinc,tungston ore exposed at a cost of $6713.14.

All bills have been paid in full by Elmer Enderlin and have receipts for same.

Total machinery purchased-

1 only R48 Ingersoll Rand stoper.

I have inquired into the resale value of this machine and from what I can find out $ 300. would be a good price for it and if this is satisfactory with all concerned I would be willing to have you deduct 50% of this amount ($150) from final settlement to pay for this machine. (Please note letters from Miller Machinery Co. Missoula, Montana. And also Couer De'Alene Hardware Co. Wallace, Idaho.)

Am also enclosing map and sample sheets showing location of samples. Samples #1-2-3 (in ink) were taken for U.S.S.& R.Co. Salt Lake City,Utuah by their own representative Mr. O.H.Rostad.

Number four was taken by myself and sent to Bunker Hill & Sullivan.

It should be remembered that we run this 115 ft. of crosscut and drifted 50 ft. on #1 vein and about 45ft. on #2 vein which was all done by the old hand mucking methode as we did not care to invest in too much machinery until we could see that we had enough ore to justify it.

My Partner,Henry Connolly quit the job on Sept. 15th. and I have since bought out his interestin the claims so that now I, Elmer Enderlin am sole owner of this property and am having the papers on this deal recorded at Custer County Courthouse, Challis, Idaho and will send you a copy upon request.

I removed about 80 ft. of the 2" pipe leading from compressor to portal of tunnel and stored it at cabin as I was afraid the snow would break it this winter but I will see that it is returned to property in the SPring as I expect to return there about July depending on the weather.

Respectfuly,

Elmer Enderlin

Elmer Enderlin
c/o Fluorspar Mine
Challis, Idaho.

BUNKER HILL AND SULLIVAN MINING AND CONCENTRATION COMPANY

KELLOGG, IDAHO

TO: Mr.R.H.McConnel Plant DATE: September 16,1952

GENTLEMEN: Below please find our results on the following controls.

OUR LOT	SMELTER LOT	LEAD %	SILVER OZ.	ZINC %	COPPER %	IRON %	~~XXXX~~ WO_3 %	INSOL. %	GOLD OZ.
Enderlin Vein		0	0	10.8	0.07		0		0

4

BUNKER HILL & SULLIVAN M. & C. COMPANY

Per I.H.Laskey

TELEPHONE 3-3302

Hand Sample Serial 28308-10

Mine O.H.Rostad

ASSAY REPORT

UNION ASSAY OFFICE, Inc.

J. V. SADLER, President
A. C. SELBY, Vice-Pres. & Treas.
A. C. SELBY, JR., Secretary

Salt Lake City 10, Utah

RESULTS PER TON OF 2000 POUNDS

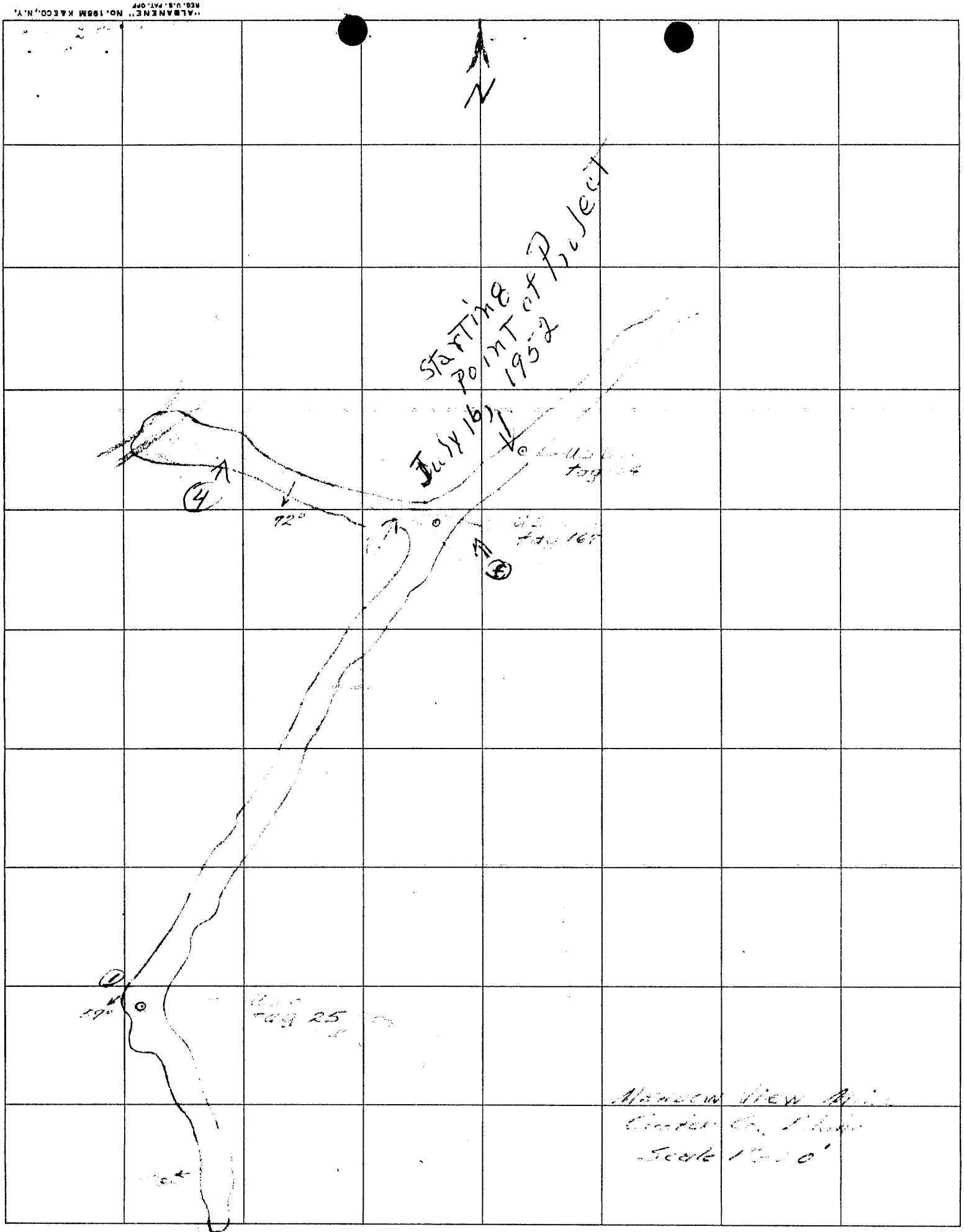
Oct.13,1952

NO.	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Per Cent Wet	COPPER Per Cent	INSOL. Per Cent	ZINC Per Cent	SULPHUR Per Cent	IRON Per Cent	LIME Per Cent	Per Cent WO_3	Per Cent Width	VALUE GOLD
MV-31 (1)	Trace	0.3	None	0.20		7.2	2.8	second vein	N.W. Side	0.24	4.0	true width
MV-32 (2)	Trace	0.2	None	0.30		5.1	face of	cliff on	second vein	0.08	9.2	true width
MV-33 (3)	Trace	0.4	None	0.30		3.8	Crosscut,	first	vein SE side	0.04	2.4	true width

Remarks

Charges $

"ALBANENE" No. 1950M KAECO., N.Y.
REG. U.S. PAT. OFF.



sample No.

NJB

C/o Fluorspar Mine
Challis, Idaho
Nov. 14, 1952

Miller Machinery Co.
Missoula, Montana.
Gentlemen:

I have just completed a DMEA zinc project at Stanley, Idaho and have been asked by the Gov. officials to ask you what the resale price would be on a R48 Ingersol Rand stoper used in drift approximatley three months and in good condition.

Self addressed envelope enclosed.

Sincerely Yours,
Elmer Enderlin
Elmer Enderlin

11/18/52

DEAR MR ENDERLIN —

WE ARE PRESENTLY SELLING RECONDITIONED STOPERS FOR FROM 275.00 TO 350.00 EA. SUGGEST 300.00

MILLER MACHINERY COMPANY
O.O. Miller

OFFICE AND STORE
612-622 BANK ST.

IN THE HEART OF THE
COEUR D' ALENE MINING DISTRICT

ESTABLISHED 1884

Coeur d'Alene Hardware & Foundry Co.

WHOLESALE DISTRIBUTORS OF HARDWARE—IRON—STEEL—SPORTING GOODS
Mine and Mill Supplies Manufacturers of Quality Mining Machinery
BOX 969
WALLACE, IDAHO. U. S. A.

October 11, 1952

Mr. Elmer Enderlin
Stanley, Idaho

Dear Sir:

Your letter of October 5th relative to the resale value on a IR-48 stoper has been received.

We do not handle used equipment and our estimate of the value on a used stoper may not be in agreement with those that are normally handling this type of equipment. However, we do believe that used stopers have sold for from $200.00 to $250.00 depending entirely upon their condition.

We hope that this information will be of value to you.

Yours very truly,

COEUR D' ALENE HDWE & FDRY CO.

Robert B. Austin

Robert B. Austin
Assistant Manager

RBA:mb

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

[redacted]

So. 157 Howard Street
Spokane 4, Washington

December 1[illegible], 1952

Mr. Elmer Enderlin
c/o Fluorspar Mine
Challis Idaho

Dmea 2213

Re: Meadowview mine
Contract Idm-[illegible]

Dear Mr. Enderlin:

I am sorry not to have answered your letter of November 14 sooner, however, I was waiting for more information concerning accomplishments of DMEA contract work on your Meadowview mine before answering.

In regard to your question concerning additional work on your Meadowview property I would think it advisable for you to develop your No 2 vein as much as possible since it shows some promise. We find there is about $2.6[illegible] remaining to be spent in your contract which should provide for a considerable amount of drifting at least if you can operate at the same prices you did last summer In addition to this, you could ask for additional funds to do more work with It would all depend on how far financially you might wish to go on the exploration project I would suggest that you think this over and decide how much drifting or other exploration you might wish to do and then inform us in a letter With this information on hand we could present it to Washington, D C., for consideration and we are reasonably sure that it would receive approval In this respect I might mention that Dean Holt's samples taken in your No 2 vein show a weighted assay of 7 2[illegible] percent zinc, [illegible].36 percent silver and [illegible].302 percent WO_3 This is not high-grade ore but is well worth further prospecting inasmuch as it represents the over-all assay value of the vein thus far exposed.

If you should happen to get to Spokane during the coming winter, please drop in at this office and we will be glad to show you the maps and assay information on your property and also to discuss future exploration We shall also try and have our fieldmen contact you during their next trip to the Fluorspar mine and discuss this with you.

In the event you decide to do more exploration you could most certainly include road improvement leading to the mine as part of the costs and also any mine dwellings you might determine as necessary.

We shall be glad to hear of your intentions concerning additional exploration work.

Sincerely yours,

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

cc: DMEA (2)
USBM (2)
Kiilsgaard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 17 1952

~~alt~~
~~Hella~~
Betty

November 10, 1952

11/13/52 Received by [illegible]

Mr. F. E. Johnson, Chairman
Operating Committee DMEA
Dept. of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-2213 - Zinc
Contract No. Idm-E294
Elmer Enderlin and Henry Connolly
Custer County, Idaho

Dear Mr. Johnson:

In reply to your letter of November 5 on the subject docket the inspection report by Mr. Kiilsgaard which was sent to you on November 7 shows that the drifting has disclosed veins on two strong structures. The mineralization, however, contains much pyrrhotite, and we do not know if the grade in lead and zinc is sufficient to justify further work. Assay results have not yet been received. As soon as they are, we will then decide whether the contract should be terminated or whether more work should be done. If more work is to be done, additional funds will be required.

Sincerely yours

A. E. Weissenborn

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

cc: USBM (2)
Kiilsgaard

Assays just phoned to us indicate 8 to 10% Zn and ±0.4% WO_3. Copies of an assay map and our recommendations will be sent to you.

Chuck

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
[redacted]
So 157 HowardStreet
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 1 3 1952

November 5, 1952

2213

Mr Elmer Enderlin
Stanley
Idaho

Dear Mr. Enderlin:

You will recall during my last visit to your property that we discussed certain items pertaining to your final report on Contract Idm-E294. At that time you asked me certain questions which I was unable to answer or to which I was only able to give partial answer

One question you raised concerned income tax paid for labor on DMEA contract I believe I advised you to write the income tax people at Boise Idaho for clarification of this problem It would seem that you should be prepared to pay income tax on that money you made as a laborer while working under contract terms You would in effect be self-employed and therefore accountable to income tax rates.

In regards to paying social security on Mr. Connelly who is already drawing social security benefits it is doubtful whether Connelly can receive social security benefits and work at the same time I should think that he should forego payment of one or the other

I suppose by this time you have received word from the Coeur d'Alene Hardware Company on the resale value of your N48 Ingersol stoper You might also write for the resale value of this stoper to the Miller Machinery Company, Missoula, Montana These people handle a good supply of used mining equipment Another source of information would be the Office of Price Stabilization, Boise, Idaho They could give you the ceiling price on this item In any event, the contract specifies that you accept the highest price offered for the machinery You may then, if you wish buy out the Government's equity at that figure

You stated that you had 16 feet of 2" pipe at your cabin. If this is secondhand pipe that you have removed from the mine and stored for the winter, you could consider it as a used supply item which had no resale value and consequently would be of no value to the contract If, on the other hand, it is new pipe, it would have a value in excess of $5 and would then have to be disposed of to the highest bidder.

I have not seen the assays taken by Mr. Holt and therefore have no idea of the potential metal value of the veins you explored. If you had those samples you took assayed, you should submit them with your final report on the property. As we noted before, final settlement cannot be made to you until you have disposed of that property in which the Government has an equity and until you have submitted a final report on the work done under contract.

Sincerely yours

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

cc: DMEA (2)
USBM (2)
Kiilsgaard

FILE COPY
SURNAME:

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

500

NOV 5 1952

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

Re: Docket No. DMEA-2213 (Zinc)
Contract No. Idm-R294
Elmer Enderlin and Henry Connolly
Custer County, Idaho

Dear Mr. Weissenborn:

A review of the Monthly Progress Report (DF-104) and the Operator's Narrative of the above-referenced docket and contract for September, 1952, indicates that the work as stated in the contract has been completed at a total cost of $6,713.14. Of course the final audit may change this amount some. As the total estimated cost of the project was $9,120.00, there is an unexpended amount of $2,406.86.

The Operator in his narrative states:

"We then continued drifting on #2 vein for a distance of about 45 feet with a good face of ore all the way and there is a full face of ore in face of drift at time of closing project Sept. 30. If funds are available would like to continue this drift next season to determine the length of this ore body but will have to fix a place to stockpile the ore first thing.

* * * * *

"Otherwise this project was completed very satisfactorily and looks like it should develop into a producing mine in a short time but the main thing now is a road from the mine to the hi-way over which to truck ore a distance of 13 miles."

From the narrative, it would appear that an amendment to this contract should be considered to provide for additional work on the #1 and #2 veins and to change the termination date of the contract. If the unexpended funds are not enough for the additional drifting, the amendment could provide the necessary funds. If this work proved an

ore body of sufficient tonnage to warrant an access road, the Operator could then make an application for one.

Probably by now the Field Team has made a final inspection and report on this property. We would appreciate your comments and recommendations on either terminating or amending the contract in the light of that additional information.

Sincerely yours,

(signed) FRANK E. JOHNSON (HB)
Chairman, Operating Committee

11-5-52

APPROVED:

J. H. Hedges (HB)
Member, Bureau of Mines

A.R. Kinkel, Jr (HB)
Member, Geological Survey

JWAlt/bw (written 11/3/52)
Copy to:
Docket ✓
Adm R. File
Op. Comml
H. F. Keller (2)
J. W. Alt
Mr. Bishop
Mr. McKnight
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
S. 157 Howard Street
Spokane 4, Washington

August 21, 1952

Memorandum:

To: Chairman, Operating Committee, DMEA

From: DMEA Field Team, Region II

Subject: Amendment No. 1 to exploration project, Contract Idm-E294 Docket No. DMEA 2213 (zinc) Enderlin and Connolly, Custer County, Idaho

Transmitted herewith are three copies of the captioned amendment together with two copies of a memo of justification prepared by a representative of the Field Team.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M E Volin

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: DMEA, Wash. (2)
USBM, Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1952

RECEIVED
SEP 2 1952
GENERAL COUNSEL
DEFENSE MINERALS
ADMINISTRATION

gcs 9/2/52

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

August 19, 1952

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

Initial inspection, Enderlin and Connolly exploration project, Contract Idm-E294, Docket No. DMEA 2213 (Zinc), Custer County, Idaho.

The subject inspection was made August 1, 1952 with Dean Holt, USBM, and Elmer Enderlin, one of the partners.

Work under the contract started July 16, 1952, when preliminary work which included clearing the mine access road, installing track and equipment was begun.

On the date of the inspection the two partners and one other miner were actively engaged in driving the specified adit crosscut on a one-shift per-day working schedule. They plan to hire another miner in the near future and operate on a two-shift per-day schedule.

The total length of the adit was 58 feet. A measure point, USBM #164, was established 21 feet back of the face on a wooden plug installed by the Operator to mark the start of work under the contract. The initial 37 feet of adit was driven last fall.

The ground stands well and no timber has been required. A zone of mineralization, mainly pyrrhotite but containing scant sphalerite and scheelite, was encountered about 10 feet back of the face. A grab sample was taken from the muck pile of the last round and will be sent to Albany for analysis. Analytical results will be reported as soon as they are obtained.

The Operator owns a LeRoi 160 cfm. portable compressor which he is using rather than renting one as specified under the contract. It is valued at $2400.00. It is recommended that the contract be amended to allow depreciation on this compressor at the rate of $40.00 per month for 3½ months. The amount allowed for compressor rental would be deleted. Such an amendment has been prepared and is submitted for your consideration.

Serial numbers of equipment purchased under the contract were checked and recorded as follows:

Item	Serial No.	Condition
1 — IR-48 Stoper	673237	New

T. E. Howard

CC: 4-Wash.
2-USGS
D/F
TEH

E OF THE ADMINISTRATOR

8+7

2213

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

May 2, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1952

Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Sir:

Enclosed are the original and three copies of Exploration Project Contract Idm-E294, the Meadow View property, Custer County, Idaho. These copies have been signed by the operator. One copy has been retained by the operator and one copy for the files of the Region II office.

Sincerely yours,

Thor H. Kiilsgaard

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

Enclosures

cc: USBM

500 Docket
FILE COPY
SURNAME:

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

J.W.A.
Moulds

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA-2213 (Zinc)
Elmer Enderlin and Henry Connolly
Exploration Project Contract

Dear Mr. Weissenborn:

We are enclosing the original and five copies of the above contract, signed by this office for the Government, together with Exhibit "A" (2 pages) and one map.

If the terms and conditions of this contract meet with your approval and are satisfactory to the Operator, all six copies should be signed by the partners. One copy is to be given to the Operator, one retained by your office and the original and three copies returned to this office. However, if any changes are required, all the contract copies are to be returned to this office with your comments regarding the proposed changes.

Sincerely yours,

cc
4/16
(HB)

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures - 6
APPROVED:

J. H. Hedges (JHB)
Member, Bureau of Mines

T. P. Thayer (JHB)
Member, Geological Survey

JWAlt/hmj
4-10-52
CC to: Adm. Reading File
Operating Committee
Docket File Copy
Mr. McKnight
Mr. Bishop
Region II
Mr. Moulds
Mr. Alt

Docket # DMEA 2213X

Meadow View Mining Claims
Custer County, Idaho.

Box 285
Kellogg, Idaho
March 11, 1952

Mr.D.E.Moulds
Chief Base Metals Div.
DMEA.

Gentlemen:

In reply to your Qeustion #1 of your letter of March 3rd am sending you additional imformation on names and locations of our Meadow View Mining Claims.

If you think it advisable to include a fund for bookkeeping, supervision, engineering, sampling and assaying please advise us.

Sincerely Yours,

Enderlin & Connolly

By: Elmer Enderlin

DEPARTMENT OF THE
Defense Minerals Area
RECEIVED
MAR 1 7 1952

These Mining Claims Recorded at Custer County Courthouse, Challis, Idaho.

Meadow View #1
Book 13 Page 533

Meadow View #2
Book 13 Page 534

Meadow View #3
Book 13 Page 535

Meadow View #4
Book 13 Page 536

Red Robin
Book 13 Page 533

Red Robin#2
Book 13 Page 585

Red Robin #3
Book 13 Page 586

Jim Crow
Book 13 Page 584

Jim Crow#2
Book 13 Page 584

Lakeshore
Book 13 Page 587

Docket # DMA 2213x
Meadow View Mining Claims
Custer County, Idaho

Mr. D. E. Moulds:
Chief Base Metals Division,
DMEA.

Gentlemen:

In regards to your letter of March 3rd. 1952 on our application for assistance in exploring our Meadow View Mining Claims, in Custer County, Idaho.

We would be willing to change it to a zinc project on a 50-50 basis and to put up additional cash to make up the difference on the same project as outlined in application.

In answer to your questions:

(1) Legal description of property where work is to be done:

All this project would be on Meadow View Mining Claim #1 although we have 9 additional claims (all unpatented) joining which are recorded at Custer County Courthouse, Challis, Idaho. These Claims were located in 1950-1951 and have not been surveyed at this time.

(2)Clarification of answer to question #8 MF-103;

4 miners at $14 per shift, 28 shifts per month + 2 shifts for overtime or 30 shifts pay;

$ 14.00	per day one miner.
30	shifts
$ 420.00	per month one miner.
4	miners.
$ 1680.00	month
3	months
$ 5040.00	Total wages for three month season.

There was a mistake in the printing of original application which we noticed after sending it in.

(3) Due to this being such a short project the first year we did not put in for any expence for bookkeeping , supervision, sampling or assaying as we expect to do that work ourselves until such time we get this property opened up to where we will need such additional help.

As our project calls for about 100 feet of straight crosscut or untill we cut both outcroppings and raise on ore to surface and drift on ore I doubt if we would need an engineer for this first work until we can see the extent of the ore on this new level.

Picture showing crosscut portal attached.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 10 1952

Enderlin & Connolly
Elmer Enderlin
By: Elmer Enderlin
Box 285
Kellogg, Idaho

FILE COPY
SURNAME:

Moulds

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

Mr. Elmer Enderlin
Mr. Henry Connolly
P.O. Box 285
Kellogg, Idaho

MAR 3 1952

Re: Docket No. DMEA 2213X
Meadow View Mining Claims

Gentlemen:

Your application for assistance in exploring the above referenced claims and other data relating to your application, available to us in Washington, have been carefully reviewed.

The information indicates that the claims do not qualify for assistance on a 25-75 percent participation basis because of the low grade accessory character of the tungsten mineralization. However, they may qualify on a 50-50 percent basis when considered as a source for zinc. If you are willing that the application be further considered on the latter basis, please so advise us.

In the event that you do desire to participate for Government exploration assistance for your project on the above basis, we will need the following information in order to complete the processing of your application:

1. A legal description of the property on which the work is to be done.
2. A clarification of your answer to question No. 8, Form MF-103;
   "Four miners @ $14.00 per shift, $840.00 per month, 3 months..... $5040.00
   Insurance, State compensation..... 500.00
   $5540.00"
   Please explain how you obtained the figure "$5040.00".
3. An amount should be set up in the cost of the project for such items as engineering, supervision, bookkeeping, sampling, and assaying.

An early reply would be greatly appreciated.

Sincerely yours,

D. E. Moulds 3/3

D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration Administration

JWAlt/meh
3/3/52
cc to: Adm. R. File
Docket File Copy
Mr. Moulds
Mr. Alt
Mr. Bishop
Mr. McKnight
Region II (2)

FILE COPY
Surname:

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

Lyons
McKnight
Bushrop

February 28, 1952

Re: Docket DMEA-2213
E. Enderlen and H. Connolly
Meadow View Claims
Custer County, Montana
Exploration Grant, $8,419.00
Zinc, tungsten

Memorandum

To: Mr. D. E. Moulds, DMEA

From: Erwin J. Lyons, USGS

Subject: Recommendation for approval of docket DMEA-2213.

The field team and examining geologist recommend that the applicant's proposal be approved. The present reviewer concurs with this recommendation.

Erwin J. Lyons
Geologist

EJLyons:emp
Copies to: Geol. Div. Files
Branch files 4208
Directors reading files 4214
Branch reading files 4214
E. T. McKnight

Docket-2213
Meadow View Mining Claims

I concur with the field team and the views of E. A. Youngberg of the U.S.G.S. that the proposal of the applicant to extend his adit crosscut approximately 20 feet to intersect the No. 1 vein and an additional 80 feet to cut the No. 2 vein is sound. Samples on the outcrops show fair zinc sulfide values and an appreciable tungsten in the form of scheelite over minable widths.

The adit will cut No. 1 vein approximately 50 feet below the outcrop, and No. 2 vein about 95 feet below the outcrop. The field report suggests that 50 feet of drifting be allowed on each ore structure and that it be so stated in the contract. Rather than allotting the drifting to each structure at this stage I would think it preferable to allow 100 feet of drifting on the best ore showing cut, with some preference being given to No. 2 vein, other things being equal, as there is more stoping heighth on that structure.

O. M. Bishop
Bureau of Mines

FILE COPY
SURNAME 110

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

FEJohnson

not assigned in R&R (mch)

MEMORANDUM

TO: Mr. Donald E. Moulds, Chief
Base Metals Division, DMEA

FROM: Frank E. Johnson
Acting Deputy Administrator, DMEA

SUBJECT: DMA Docket No. 2213X (Zinc-Tungsten)
Elmer Enderlin and Henry Connolly
Meadow View Mining Claims
Custer City, Idaho

Attached are the Docket on the subject application and letter to applicant prepared by the Iron Ore and Ferro-Alloys Division advising that we are unable to approve participation on a 75-25 ration but would consider the application on the basis of a 50-50 participation if applicant were agreeable to such ratio.

As the dominant mineral appears to be zinc, I am sending the Docket to your Division for review before mailing the prepared letter to the applicant. After reviewing, if you do not require further information in order to complete a contract, the proposed letter can then be sent to applicant. However, if you need additional information before preparing a contract, or in case of denial by your Division, the letter should be revised to cover the situation.

In such cases as this, it would expedite matters if on receipt of the Docket, it is checked to determine the dominant mineral or minerals, and the case then be referred to the Division to which such minerals are assigned. That Division should then handle the case and reach a final decision, even though the lessor minerals are assigned to another Division. Of course, the Division Staffs should cooperate and confer with each other in such cases.

FEJohnson
2/25/52
cc to: Docket
Admr's. Reading File
Messrs. Selfridge
FEJohnson
Data change

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

Mr. Elmer Enderlin
Mr. Henry Connolly
P.O. Box 285
Kellogg, Idaho

Re: Docket No. DMA 2213X - Tungsten-Zinc
Meadow View Mining Claims
1 to 4 plus 6 new locations
Boulder Mining District
Custer County, Idaho

Gentlemen:

Your application for assistance in exploring the above referenced claims and other data relating to your application, available to us in Washington, have been carefully reviewed.

The information indicates that the claims do not qualify for assistance on a 25-75 percent participation basis because of the low grade accessory character of the tungsten mineralization. However, they may qualify on a 50-50 percent basis when considered as a source for zinc. If you are willing that the application be further considered on the latter basis, please so advise us.

Sincerely yours,

Acting Administrator
Defense Minerals Exploration
Administration

IN REPLY REFER TO:

G-MD-DML

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

February 18, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Field Report DMEA 2213 - Zinc, Tungsten
Elmer Enderlin and Henry Connolly
Meadow View Claims
Custer County, Idaho

The Meadow View claims were examined in August 1951 by Elton A. Youngberg, geologist, U. S. Geological Survey, for the Field Team, Region II, in connection with DMA 1734-X.

Mr. Youngberg's report shows that the deposit contains very little tungsten (0.03 to 0.11 percent WO_3) and should not be considered for exploration as a tungsten project. The zinc mineralization is of better grade, and the field report recommends exploration of the deposit for zinc.

I concur with Mr. Youngberg's report, and suggest that the docket be referred to the lead-zinc branch of DMEA for further consideration.

Dwight M. Lemmon

1 copy to file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

February 6, 1952

Memorandum

To: Frank E. Johnson, Chairman Operating Committee
Defense Minerals Exploration Administration

FEB 11 1952

From: Field Team, Region II

Subject: Docket No. 2213X
Elmer Enderlin and Henry Connolly
P. O. Box 285, Kellogg, Idaho
Meadow View Mining Claims
Boulder Mining District, Custer County, Idaho

Enclosed are four copies of a report on the Meadow View claims by Elton A. Youngberg of the U. S. Geological Survey and docket material.

The property was visited in late August 1951. As only approximately fifty feet of crosscut has been driven since that time another examination was not considered necessary. Mr. Youngberg believes the exploration should be primarily to determine the presence of a zinc orebody and that tungsten is of secondary importance. The combined values of these metals, however, must be given consideration in determining the economic importance of the deposit.

The field team concurs with Mr. Youngberg that the proposal of the applicant is a reasonable one and that the exploration target justifies the expenditures proposed by the applicant.

By DMEA Field Team, Region II

A. E. Weissenborn

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

Glenn O. Reed

for: M. E. Volin, Member
(U. S. Bureau of Mines)

ON-SITE
EXAM.

Enclosures
cc: USBM - Spokane
USBM - Albany

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Reviewed by
DMEA OPERATING COMMITTEE
2-15-52
(date) (JB)

So. 157 Howard Street
Spokane 4, Washington

February 5, 1952

MEMORANDUM

TO: A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II

FROM: Elton A. Youngberg, Geologist, U. S. Geological Survey

SUBJECT: Docket No. DMEA 2213X (Zinc-Tungsten)
Meadow View Mining Claims 1-4, plus 6 new locations
Boulder Mining District, Custer County, Idaho

FEB 11 1952

APPLICANT

The applicants are Mr. Elmer Enderlin and Mr. Henry Connolly, partners, P. O. Box 285, Kellogg, Idaho.

INTRODUCTION

Elmer Enderlin and Henry Connolly submitted an application for exploration of the Meadow View claims in 1951, which was given a DMA docket number (1734X). The proposed exploration outlined in this application was largely completed at the time of the field examination in August of that year. The applicant requested that no action be taken upon this application and subsequently submitted a new application in December 1951, outlining a new proposal for exploration, which they wish to complete during the 1952 season. This application has been assigned docket No. DMEA 2213X and is the subject of this report.

RECOMMENDATIONS

It is recommended that the applicants' proposal to spend $8,419.00 to explore the Meadow View claims be given favorable consideration.

CONCLUSIONS

The veins of the Meadow View claims have not been previously explored and consequently little is known about their behavior at depth. The outcrops contain considerable pyrite and some sphalerite and scheelite. The tungsten content is below commercial grade, but may be recovered as a by-product if the zinc content of the veins prove high enough to be mined. The applicants' proposal should be considered as a zinc exploration project.

LOCATION OF PROPERTY

The property consists of ten located claims on Fourth of July Creek near Stanley, Idaho, in secs. 14, 15, 22, and 23; T. 15 E; R. 8 W. The property may be reached via the Hailey-Stanley highway by taking a secondary road eastward up Fourth of July Creek from the Sawtooth Ranger station fifteen miles south of Stanley. The secondary road follows up Fourth of July Creek 10.5 miles to a recently constructed mine road. This road takes a southerly route three miles to the claims on the lower ridges at the base of Washington Peak.

PROPOSAL

The applicants propose to explore two veins by continuing a crosscut started during the summer of 1951. The crosscut has to be extended approximately 20 feet to intersect the No. 1 vein and an additional 80 feet to cut the No. 2 vein. The applicant proposes to drift and raise on these structures, but does not specify distances. It appears that the applicants' funds should permit approximately 100 feet of drifting on the two veins. It is recommended that 50 feet of drifting upon each vein be specified in the contract.

MINE WORKINGS

The only underground workings is an adit 52 feet long, completed during the summer of 1951. This is a crosscut driven to intersect the No. 1 vein.

A three-mile truck road was bulldozed to the prospect from the forestry road up Fourth of July Creek during the early summer. This road is rough, but should be adequate to serve the exploration project proposed.

GEOLOGY

The rocks underlying the area have been mapped by Clyde P. Ross as belonging to the Milligen formation of Mississippian Age. In the immediate vicinity of the Meadow View prospect, the rocks are dolomitic limestones and argillites. A stock of quartz monzonite outcrops a short distance to the east, which is probably an outlying igneous body related to the Idaho batholith. The presence of considerable garnet and epidote in the dolomites and argillites is believed to have resulted from the metamorphism of these rocks by this intrusive. The veins or mineralized bodies are of the replacement type. The mineralization is localized in the center portions of tight folds. Replacement has concentrated at the nose of the fold and weakens away from it, giving the ore bodies a tear drop shape. This is particularly characteristic of the No. 1 vein. The axes of these folds plunge at almost 90° down the dip of the bedding. It is believed that this structure has provided channel ways for hydrothermal solutions from an underlying igneous body probably related to the quartz monzonite intrusive a short distance to the east.

The three mineralized structures mapped vary from 75 to 125 feet in length. The structure mapped as the No. 1 vein is the longest and has a maximum width of 16 feet. The other two were observed to have a length of about 75 feet and an average width of 2½ to 3 feet.

The veins consist of massive iron sulphides and sphalerite through which scheelite is finely disseminated. The sulphides occur as massive irregular pods in a siliceous dolomite gangue.. The scheelite also occurs in the siliceous part of the vein. Lamping, however, indicated that the scheelite was most abundant within or close to the sulphide mineralized areas.

The following chip samples were cut from the three veins. Their location may be found by referring to the attached map.

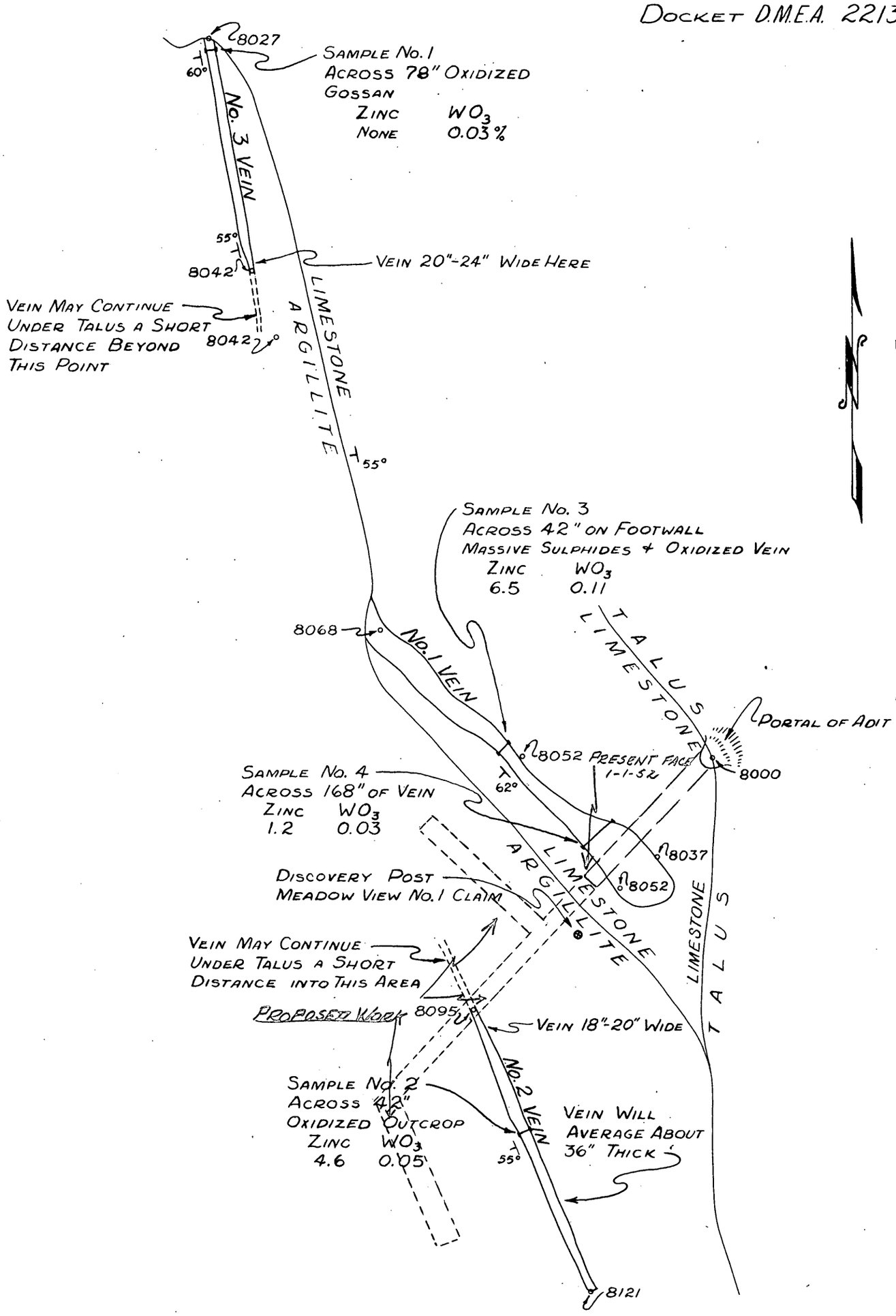
Sample No.	Width	% Zn	$\%WO_3$
1	78"	None	0.30
2	42"	4.6	0.05
3	42"	6.5	0.11
4	168"	1.2	0.03

ORE POSSIBILITIES

The ore possibilities for zinc are believed to be good. Evidence of tungsten mineralization was widespread in the area and it is not impossible that tungsten ore of commercial grade might be encountered with further exploration. The outcrop length of individual veins are not long, however, they appear to occupy centers of folds which suggest that the ore shoots may be considerably longer on the dip than on the strike. A number of similar appearing oxidized outcrops were noted in the area adjacent to the veins which are being prospected. Samples from several of these also contained scheelite. Oxidation of the outcrops was too complete to indicate what the primary sulphide minerals were but it is quite likely they were iron and zinc sulphides as in the veins being prospected. Samples taken on the outcrops of the No. 1 and No. 2 veins (see Map) indicate the zinc content of these veins may be of commercial grade and are believed feasible exploration targets.

cc: USBM,- Spokane
USBM,- Albany

DOCKET D.M.E.A. 2213X



ENDERLIN and CONNOLLY PROSPECT

STANLEY, IDAHO-CUSTER, COUNTY

SCALE 1"=40'~ ELV. ASSUMED

TAPE AND COMPASS SURVEY AND GEOLOGY BY E. A. YOUNGBERG, U.S. GEOLOGICAL SURVEY JAN. 30-52

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

WLC.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
South 157 Howard Street
Spokane 8, Washington

Dear Sir:

We attach "Review of Application for Exploration Assistance" as:

Applicant Elmer Enderlin and Henry Connolly

Docket No. 2213X

Commodity Tungsten-Zinc

Amount $ 8,419.00

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2213X

Commodity Tungsten-Zinc

Total Amount $8,419.00

Govt. Participation $6,314.25 - 75%

1. Name and Address of Applicant Elmer Enderlin and Henry Connolly

P.O. Box 285, Kellogg, Idaho

2. Location of Property Section (?), T9N; R15E; Boise Meridian,

Boulder Mining District

Custer County, Idaho

3. Mineral or metal Tungsten-Zinc 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 Yes

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?

Does the lease have sufficient time to run to cover a future

productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

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)* 4 to 6 months in year

d) Water (question 13)* Good

e) Power (question 13)* Gas or diesel

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

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? _____

1 Marked photo

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? Field team examination necessary

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? Yes

f) Should more information be requested from applicant? _____

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? _____

b) Sufficient data? _____ If so, attach a draft.

c) Are rents and charges reasonable? _____

d) Is a field check needed? _____

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? Yes

e) Is a field check needed? No

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

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? Field team examination necessary to check on geology, veins and possible values. Also necessary to check on completed work, roads, etc.

Reviewed by: Thos. L. Chapman

Date 1/16/52

Enclosures -

MF-100 with applicant's data
MF-103 with applicant's data and photo
Memo from Robert W. Geehan
Memo from D. M. Lemmon

INT.-DUP. SEC., WASH., D.C. 99009

400

FILE COPY
SURNAME:

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

Selfridge
TLC
Heckman
Hayes
Johnson
Chapman

JAN 24 1952

Mr. Elmer Enderlin
Mr. Henry Connelly
P.O. Box 285
Kellogg, Idaho

Re: Docket No. DMA 2213X - Tungsten-Zinc
Meadow View Mining Claims
1 to 4 plus 6 new locations
Boulder Mining District
Custer County, Idaho

Gentlemen:

Your application for assistance in exploring the Meadow View group of claims in Custer County, Idaho, DMA 2213X, has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration and has been referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region II, South 157 Howard Street, Spokane 8, Washington, for a field examination.

The Regional Office will contact you at an early date in regard to your project.

Sincerely yours,

1-24-52

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

TLChapman'lm
1/21/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. II
G. C. Selfridge
T. L. Chapman

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

January 11, 1952

Memorandum

To: George Selfridge, D. M. E. A.

From: Robert W. Geehan, Bureau of Mines

Subject: Exploration Application. $5,249 (?) DMA-2213
Elmer Enderlin & Henry Connolly Tungsten & Zinc
Box 285
Kellogg, Idaho

Property: Meadow View Mining Claims 1-4 plus six adjoining claims. Sec. (?), T.9N., R. 15 E., Boise Meridian Boulder Mining District, Custer Cy., Idaho.

Proposal: Complete crosscut approximately 100' further west to cut #1 and #2 veins; drift on same and raise to surface. Build ore bin if ore is of commercial grade to justify shipping to mill or smelter.

Recommendations: In accord with Lemmon, I suggest the application be referred to the field team for recommendation as to its possibilities as an ore producer.

Robert W. Geehan
Robert W. Geehan

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : George Selfridge, DMEA DATE: January 2, 1952

FROM : D. M. Lemmon, U. S. Geological Survey

SUBJECT: Exploration project to cost $8,419.00 DMEA 2213 - Tungsten and zinc
Elmer Enderlin and Henry Connolly
Box 285, Kellogg, Idaho

Property: Meadow View Mining Claims
63 miles N. from Ketchum, Idaho
T. 9 N., R. 15 E., Boise Meridian
Custer County, Idaho

Proposal: Extend present 52-foot adit 100 feet to cut 2 veins exposed at surface. Drift on veins. Raise to surface.

This application apparently supplants DMA 1734-X, which has been withdrawn. DMA 1734-X was handled by the lead-zinc branch. The property was apparently referred to the field team in Spokane in the summer of 1951. The applicant states that Elton Youngberg of the Spokane Office examined the property. No report is available in Washington.

I have consulted the U. S. Geological Survey lead-zinc commodity group, which is unable to provide further information.

I suggest that the docket be referred to the Field Team for recommendation.

DM Lemmon

Office of the Administrator

400

FILE COPY
SURNAME:

Ellis
Mittendorf

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

NOV 23 1951

Mr. Elmer Enderlin
P. O. Box 285
Kellogg, Idaho

Re: Docket No. DMA-2713

Dear Mr. Enderlin:

In examining your application dated October 26, 1951 and filed under the above captioned docket number, we find there is insufficient data with which to make a determination as to the importance of your project.

We are enclosing a set of General Technical Data blanks (Form MF-100) which you should submit in accordance with the instructions shown in your application (Form MF-103). When completed send one copy to Mr. A. E. Weissenborn, Executive Officer Region II, South 157 Howard Street, Spokane 8, Washington and three copies to this office. Also enclosed is a copy of a press release on the Exploration Program, a copy of Regulations (MC-5) and a sample Contract (Form MF-200) for your information.

Sincerely yours,

C. O. Mittendorf (for) 11/23

Acting Administrator
Defense Minerals Administration

Enclosures

EWEllis/jem
11-20-51
cc to: Adm. Reading File
Reports & Records
Docket
Messrs. Mittendorf, Olund
Mr. Ellis
Field Team, Region II (2)

Mr. Elmer Enderlin
Box 285
Kellogg, Idaho

Subject: DMA-2213
Re: Exploration Loan
Meadow View Mining Claims

My dear Mr. Enderlin:

This will acknowledge receipt of your application dated October 26, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2213 and referred to the Iron & Ferro Alloys Branch.

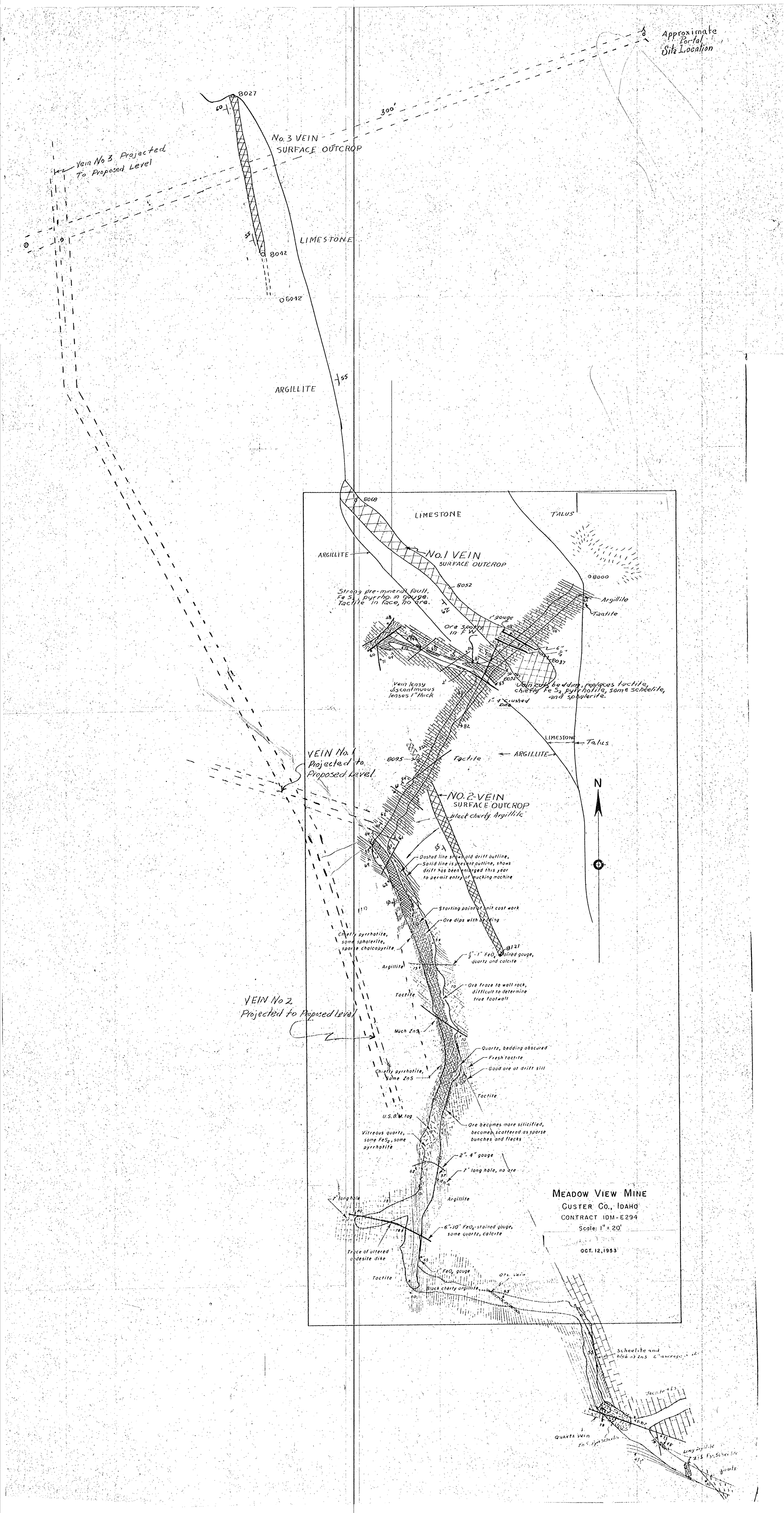
Kindly refer to DMA-2213 in any future correspondence relating to your application.

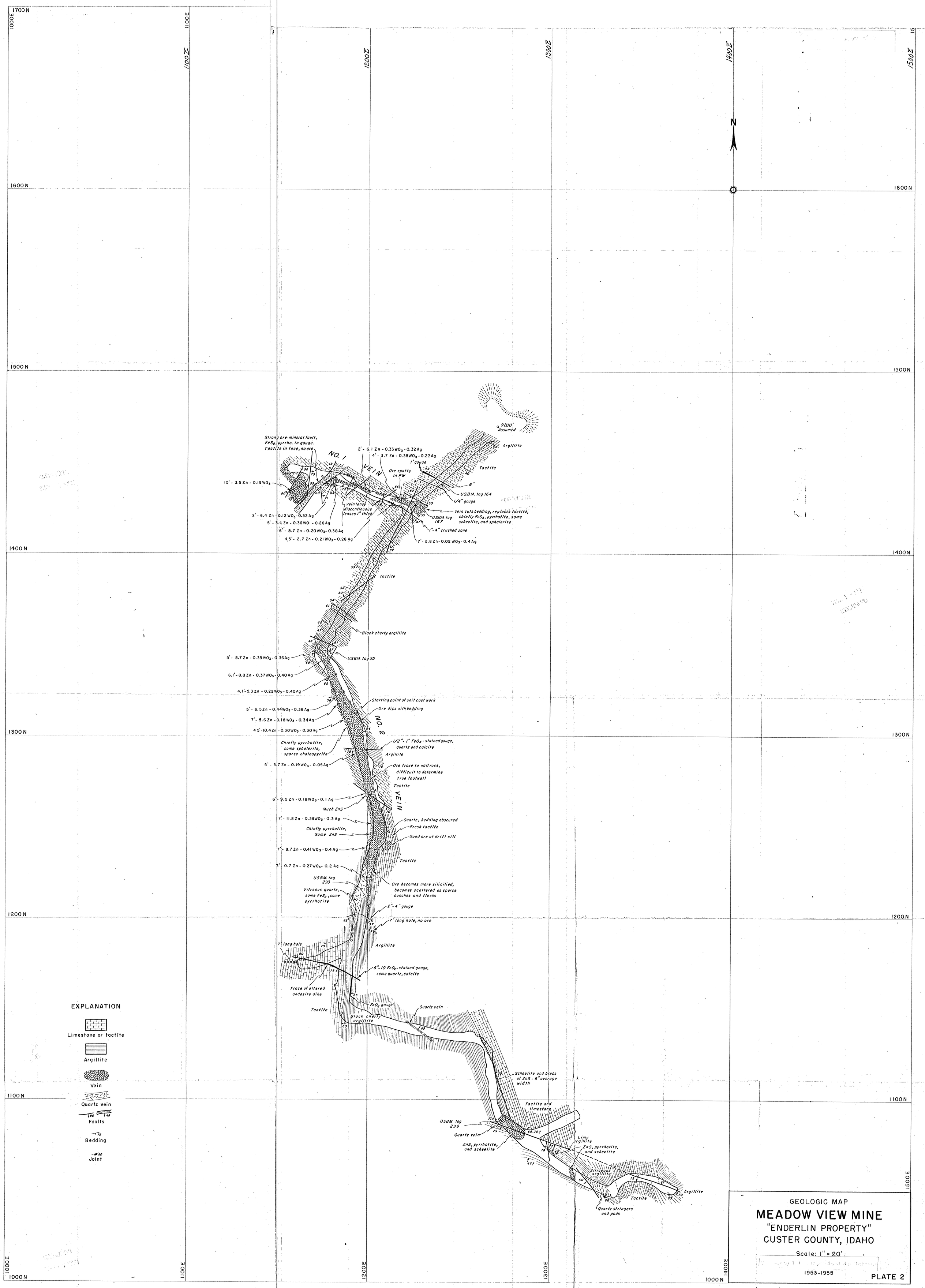
Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463


Approximate Portal Site Location
300'
No. 3 VEIN
SURFACE OUTCROP
Vein No 3 Projected To Proposed Level
LIMESTONE
ARGILLITE
LIMESTONE
TALUS
No. 1 VEIN
SURFACE OUTCROP
ARGILLITE
Strong pre-mineral fault. FeS2 pyrrho. in gouge. Tactite in face, no ore.
Argillite
Tactite
1' gouge
Ore seen in F.W.
Vein lenny discontinuous lenses 1" thick
Vein cuts bedding, replaces tactite, chiefly FeS2 pyrrhotite, some scheelite, and sphalerite.
1'-4' crushed zone
LIMESTONE
Talus
ARGILLITE
Tactite
VEIN No. 1 Projected to Proposed Level
NO. 2 VEIN
SURFACE OUTCROP
Black cherty Argillite
N
Dashed line shows old drift outline, Solid line is present outline, shows drift has been enlarged this year to permit entry of mucking machine
Starting point of unit cost work
Ore dips with bedding
Chiefly pyrrhotite, some sphalerite, sparse chalcopyrite
1/2"-1" FeO2 stained gouge, quartz and calcite
Argillite
Ore froze to wall rock, difficult to determine true footwall
Tactite
VEIN No 2 Projected to Proposed Level
Much ZnS
Quartz, bedding obscured
Fresh tactite
Good ore at drift sill
Chiefly pyrrhotite, some ZnS
Tactite
U.S.B.W. log
Ore becomes more silicified, becomes scattered as sparse bunches and flecks
Vitreous quartz, some FeS2, some pyrrhotite
2"-4" gouge
7' long hole, no ore
2' long hole
Argillite
6"-10" FeO2-stained gouge, some quartz, calcite
Trace of altered andesite dike
Tactite
1' FeO2 gouge
Ore vein
Black cherty argillite
Scheelite and blende ZnS 6" average
Quartz Vein
FeS2 Pyrrhotite
Limy Argillite
Quartz
MEADOW VIEW MINE
CUSTER CO., IDAHO
CONTRACT IDM-E294
Scale: 1" = 20'
OCT. 12, 1953


1700 N
1000 E
1100 E
1200 E
1300 E
1400 E
1500 E
1600 N
1500 N
1400 N
1300 N
1200 N
1100 N
1000 N
N
9200' Assumed
Argillite
Tactite
Strong pre-mineral fault, FeS2, pyrrho. in gouge. Tactite in face, no ore
NO. 1 VEIN
2' - 6.1 Zn - 0.33 WO3 - 0.32 Ag
4' - 3.7 Zn - 0.38 WO3 - 0.22 Ag
1' gouge
Ore spotty in FW
10' - 3.5 Zn - 0.19 WO3
6"
U.S.B.M. tag 164
1/4" gouge
Vein lens; discontinuous lenses 1" thick
Vein cuts bedding, replaces tactite, chiefly FeS2, pyrrhotite, some scheelite, and sphalerite
2' - 6.4 Zn - 0.12 WO3 - 0.32 Ag
5' - 3.4 Zn - 0.36 WO - 0.26 Ag
6' - 8.7 Zn - 0.20 WO3 - 0.38 Ag
4.5' - 2.7 Zn - 0.21 WO3 - 0.26 Ag
U.S.B.M. tag 167
1"-4" crushed zone
7' - 2.8 Zn - 0.02 WO3 - 0.4 Ag
Tactite
Black cherty argillite
5' - 8.7 Zn - 0.35 WO3 - 0.36 Ag
U.S.B.M. tag 25
6.1' - 8.8 Zn - 0.37 WO3 - 0.40 Ag
4.1' - 5.3 Zn - 0.22 WO3 - 0.40 Ag
Starting point of unit cost work
Ore dips with bedding
5' - 6.5 Zn - 0.44 WO3 - 0.36 Ag
7' - 5.6 Zn - 0.18 WO3 - 0.34 Ag
4.5' - 10.4 Zn - 0.30 WO3 - 0.30 Ag
NO. 2 VEIN
Chiefly pyrrhotite, some sphalerite, sparse chalcopyrite
1/2" - 1" FeOx - stained gouge, quartz and calcite
Argillite
5' - 3.7 Zn - 0.19 WO3 - 0.05 Ag
Ore froze to wall rock, difficult to determine true footwall
Tactite
6' - 9.5 Zn - 0.18 WO3 - 0.1 Ag
Much ZnS
7' - 11.8 Zn - 0.38 WO3 - 0.3 Ag
Quartz, bedding obscured
Fresh tactite
Chiefly pyrrhotite, Some ZnS
Good ore at drift sill
7' - 8.7 Zn - 0.41 WO3 - 0.4 Ag
Tactite
3' - 0.7 Zn - 0.27 WO3 - 0.2 Ag
USBM tag 293
Ore becomes more silicified, becomes scattered as sparse bunches and flecks
Vitreous quartz, some FeS2, some pyrrhotite
2"-4" gouge
7' long hole, no ore
Argillite
7' long hole
6"-10 FeOx - stained gouge, some quartz, calcite
Trace of altered andesite dike
Tactite
FeOx gouge
Quartz vein
Black cherty argillite
Scheelite and blebs of ZnS - 6" average width
Tactite and limestone
USBM tag 299
Quartz vein
ZnS, pyrrhotite, and scheelite
Limy argillite
ZnS, pyrrhotite, and scheelite
Siliceous argillite
Argillite
Tactite
Quartz stringers and pods
EXPLANATION
Limestone or tactite
Argillite
Vein
Quartz vein
Faults
Bedding
Joint
GEOLOGIC MAP
MEADOW VIEW MINE
"ENDERLIN PROPERTY"
CUSTER COUNTY, IDAHO
Scale: 1" = 20'
1953-1955
PLATE 2

1700 N
1000 E
1100 E
9227'
6.5' - 0.03 WO3
NO. 3 VEIN
Limestone
9242'
1600 N
1200 E
1300 E
1400 E
1500 E
N
Argillite
1500 N
9268'
NO. 1 VEIN
Talus
3.5' - 6.5 Zn - 0.11 WO3
9252'
9200' Assumed
14' - 1.2 Zn - 0.03 WO3
9237'
1400 N
Discovery Post
Meadow View No. 1 Claim
9295'
NO. 2 VEIN
3.5' - 4.6 Zn - 0.05 WO3
9321'
1300 N
1200 N
EXPLANATION
Vein outcrop
Vein underground
Strike and dip of bedding
1100 N
1000 N
SURFACE GEOLOGIC MAP
MEADOW VIEW MINE
"ENDERLIN PROPERTY"
CUSTER COUNTY, IDAHO
Scale: 1" = 20'
1953
PLATE I