DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

DMEA RECEIVED MAY 19 1958

5-19 C 220 800

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Cordero Mining Company
Palo Alto, California

pertaining to Exploration Project Contract No. Idm-E1055, Docket No. DMEA-454, dated January 17, 1957, including Amendment No. 1, for the months of January 1957 to October 1957 inclusive, covering a project for the exploration of tungsten on property known as the Wild Horse Mine, located in Custer County, State of Idaho.

My review included an examination of the Monthly Reports (Forms MF-1 4) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, consultation with the Government representative who visited and examined the project, and a determination of the reasonableness and propriety of the costs.

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

(a) All of the costs incurred ($2[illegible],860.95) were under a contract provision for payment by the Government on the basis of fixed unit costs of units of work actually performed.

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

Total cost claimed by Operator		$22,2[illegible]
Exceptions per schedule		
By Finance Officer	$ None	
By Audit	1,499.25	1,499.25
		2[illegible],790.95
Add: acceptable costs (not claimed) to offset disallowance		0[illegible]
Total accepted cost claimed		$2[illegible],860.95

The contract calls for a 75 percent participation of accepted costs. Therefore, payments as follows are valid and proper:

Amount payable on audited claim	$15,645.71
Amount reimbursed	14,827.[illegible]
Balance due Operator	$ 818.[illegible]

C. A. Turner, Auditor

May 15, 1958

Schedule of Exceptions

Cordero Mining Company | DMEA-4504 | Idm-E1055

Claimed by Operator

Final Operator's Monthly Report and Voucher, Form MF-104, for October 1957, signed by Operator November 25, 1957 — $22,296.20

Accepted Costs

Fixed Unit Costs				
Crosscutting or drifting	500' @	$32.00	$16,000.00	
Timbering	25.5' @	6.40	163.20	
Diamond Drilling	190' @	4.50	855.00	
" "	75' @	4.25	318.75	
Long Hole Drilling	303' @	1.00	303.00	
Assays	36 @	4.25	153.00	
Use of bulldozer for snow removal	66 hrs. @	12.00	792.00	
Snowshed			1,476.00	
Compressor Tool House			800.00	
				20,860.95

Disallowed by Audit

AX Hole	329' @	$ 4.50	$ 1,480.50	
EX Hole	75' @	.25	18.75	
			$ 1,499.25	
Deduct: Timbering allowed	10' @	6.40	64.00	
Total disallowed				$ 1,435.25

The disallowance of diamond drill hole footage was made by the examining engineer and Field Team because of the failure of the drill holes to meet the contract specifications as to size and interval of holes.

Timbering in the amount of $64.00, which was allowable and proper under the terms of the contract, but not claimed by the Operator, was added to the Operator's claim by the Field Team.

The drilling disallowance of $1,499.25 and the timbering addition of $64.00 to the Operator's claim are concurred in by this audit.

C. A. Turner, Auditor

May 15, 1958

EXTRA COPY
DMEA
RECEIVED JUN 5 1958

DATE	INITIALS	CODE
		800

So. 157 Howard Street
Spokane 4, Washington

June 3, 1958

Cordero Mining Company
Palo Alto, California

Re: Docket No. DMEA-4504 (Tungsten)
Wild Horse Mine
Custer County, Idaho
Contract No. Idm-E1055

Gentlemen:

Enclosed for your information and files is a copy of Report of Review dated May 15, 1958, by C. A. Turner, DMEA Auditor. This Report of Review covers the period of January to October 1957.

This report shows a balance due Cordero Mining Company of $818.06. This money was scheduled for release June 2, 1958, and you should receive payment shortly.

Sincerely yours,

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

Enclosure

cc: DMEA (3)
USBM (2)
USBM (AD)
Turner

MAY 20 1958

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

Re: Idm-E1055, DMEA-4504 (Tungsten)
Cordero Mining Company

and

Idm-E1090, DMEA-4710 (Uranium)
Southeastern Mining & Exploration
Co., Inc.

Dear Mr. Turner:

Your reports of review covering the above-cited contracts are acceptable and normal distribution is authorized.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Director
Contract Administration
and Audit Division

AMAlley/ama
May 19, 1958

Copy to: Docket
Admr. Reading File
Mr. Chambers

JUN 9 1958

1201 N. Division St.
Spokane 2, Washington

May 25, 1958

Mrs. Dorothy Long, Certifying Officer
DMEA Field Team, Region I
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA-4504 (Tungsten)
Cordero Mining Company
Wild Horse Mine
Custer County, Idaho
Contract No. Idm-E1972

Dear Mrs. Long:

The project work under the referenced contract was completed by October 31, 1957. All the work performed was done 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 Executive Officer.

The Government has no equity in equipment, materials or supplies used at the project.

A certification of discovery will not be recommended in the Field Team final report.

A Final Report of Review dated May 15, 1958 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. Weisenborn, Exec. Officer
DMEA Field Team, Region I

cc: DMEA (2)
USGS (2)
Contract Admin. & Audit Div.
Docket

EXTR... DATE		
RECEIVED 21		
DATE		CODE

1201 N. Division St.
Spokane 2, Washington

April 14, 1958

Mr. C. A. Turner
DMEA Auditor, Region I
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMEA-456 (tungsten)
Cordero Mining Company
Wild Horse Mine
Custer County, Idaho
Contract No. 14-[illegible]

Dear Mr. Turner:

The project work under the referenced contract was completed by October 31, 1957. All the work performed was done to the satisfaction of the Government.

A final inspection report on the completed work was submitted by William M. Bunischer on October 17, 1957.

The Operator's final engineering and geological report was received on December 11, 1957. It is considered as having met the requirements of Article 5(a) of the contract.

The Government has no equity in equipment, materials or supplies used at the project.

A certification of discovery will not be recommended in the Field Team final report.

Work units completed within the terms of the contract are:

	Authorized	Completed
Crosscut and drift	500 ft.	640.9 ft.
Timber	120 ft.	25.5 ft.
Raise	100 ft.	none
Diamond drilling 1/		
AX - 725'	725 ft.	190 ft.
EX - 75'	75 ft.	75 ft.
Reaming, casing, cementing	200 ft.	none
Long hole drilling	303 ft.	303 ft.
Assays	100	36
Snow removal	100 hrs.	66 hrs.
Construct manwashed	$1476	$1476
Construct compressor house	$ 800	$ 800

1/ Only combined diamond drill holes 3 and 4 and hole 6 are considered as meeting contract specifications as to size and interval.

Hole 3	0 to 55'	AX size
Hole 4	55 to 130'	EX size
Hole 6	0 to 135'	AX size

(See S. W. Soldok's memorandum to the Field Team dated December 20, 1957.)

It is now in order for you to issue your Report of Review.

By Field Team, Region I

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

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

cc: DMEA (3)
USGS (2)
USBM (AB)

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. 2169

U. S. .....
(Department, bureau, or establishment)

Voucher prepared at Spokane, Washington 6/2/58
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-51055

To Cordero Mining Company
(Payee)

131 University Avenue Palo Alto California
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	October 1957	As per attached certified form MT-104 dated November 25, 1957, adjusted to Audit of May 15, 1958				818	06
PAYMENT: Complete ☐ Partial ☐ Final ☐		FINAL PAYMENT					
		Use continuation sheet(s) if necessary					

Shipped from to Weight Government B/L No. Total 818 06

(Payee must NOT use this space)

Differences .....

Account verified; correct for 818 06

(Signature or initials) .....

Contract No. Date Req. No. Date Invoice Rec'd.

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount

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

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
{ Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

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

.....

.....

.....

.....

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

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

☆ U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JUN 9 1958

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of [illegible], 1957 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $ [illegible] Government Participation: [illegible] % Amount, $ [illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling [illegible]	[illegible]	[illegible]	[illegible]	858.75	315.00	1173.75
Bulldozing [illegible]		[illegible]	[illegible]		203.00	203.00
Crosscutting [illegible]	[illegible]	[illegible]	[illegible]	168.00	624.00	792.00
Drifting		[illegible]	[illegible]		16000.00	16000.00
[illegible]		99.20	99.20	64.00	99.20	163.20
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		[illegible]	[illegible]		2276.00	2276.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis		[illegible]	[illegible]		153.00	153.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]	1090.75	19,770.20	20860.95

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

Date [illegible] *Payee [illegible]

Per [illegible] Title [illegible]

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

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

(Instructions on reverse)

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

$ 818.06

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 6/2/58 Vou. No. 2169

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 26 1055 in accordance with the terms of the contract.

Signature /s/ Stephen W. Jolcok Title Mining Engr. Date 5/29/58

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec. Officer Date May 29, 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1957 Docket No. DMEA 450 Contract No. 2 1059
Operator's Name [illegible]
Minerals [illegible]
Address 131 University Avenue, Palo Alto, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	1 ft.			10,500.00	520		300	30.00
Crosscutting	1 ft.							
Raising	1 ft.						100	35.00
Shafts				97.00	15.5		150	6.50
Winzes								
Drilling: Core	1 ft.	2,392.00	524	2,075.00	575		600	6.50
Churn				305.00	305		300	1.00
Auger								
Stripping								
Trenching								
Test Pits				199.00	35		100	4.25
Roads and Trails	1 hr.	100.00	4	792.00	66		100	12.00
TOTAL DISTRIBUTED COSTS		2,520.00		20,020.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				2,376.00				
TOTAL COSTS		2,520.00		22,396.00				

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

Date Nov. 20, 1957 Operator [illegible]

Per J. Eldon Gilbert Title General Manager

REMARKS:

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

(Instructions on reverse)

(For Government use only)

May 29, 1958
/s/ Stephen W. Jeldok
Mining Engr.

INSTRUCTIONS

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

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

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

GPO 872894

NARRATIVE DESCRIPTION OF PROGRESS AND FINAL REPORT

Docket No. DMEA-4504 (Tungsten)
Cordero Mining Company
Wild Horse Mine
Custer County, Idaho

Since the last report was submitted to Defense Minerals Exploration Administration (April 1957) some work has been done at Wild Horse, the execution of which has been sporadic. We have stopped all work now so the following is a resume of the progress from the time of the last report to the present. Also, we enclose Operator's Monthly Report and Voucher and Operator's Unit Cost and Progress Report forms to cover this period.

The enclosed map is up to date and shows the location of all drifts, cross cuts, raises, long holes and diamond drill holes. The geology is shown with notes on scheelite mineralization. Details of the drilling are given in the accompanying logs of diamond drill holes.

The only exploration work done since April was the drilling of 5 diamond drill holes, (No. 2 thru No. 6 inclusive) to total 524 ft. of hole. Nothing spectacular was discovered by this drilling (See attached logs).

In addition, 14 hours were spent in early May on snow removal after two late snow storms.

The general plan for exploration, as given in the application for DMEA aid, was followed. Naturally, the details of underground conditions were not known and those affected the work somewhat.

The portal cross cut was driven to cut the contact zone, as encountered on the surface. The distance to this zone was about as anticipated. In drifting along the zone, however, we found that it was repeatedly cut by offsetting faults which trenched N.E., and that the northern segment was nearly always mo ed to the west. Inasmuch as these offsets were often difficult to see and understand when encountered, the drifting and cross cutting was not always done in the most favorable geologic setting. In general, however, the drift was driven along the gneiss-limestone contact.

Additional exploration was done from the drift by long holes, drilled by percussion drills. In spots along this contact tactite zones were encountered and most of them were scheelite-bearing, although none of them contained scheelite in commercial quantities.

Diamond drilling into the limestone foot wall indicated that the limestone was about 130 ft. thick and that the other was probably contacted with a gneiss-like rock. This contact also contained scheelite in a garnet tactite. No commercial scheelite was found here but only a small amount of work was done.

On the surface mining it was noted that a relationship seemed to exist between the amount of scheelite and certain alaskite dikes. In the underground work the hang-wall gneiss, the limestone, and apparently the footwall gneiss, are all cut by

a multitude of alaskite dike. Here, however, there seems to be no correlation between the dikes and scheelite.

At this time it appears that the only work which should be done on this property is the extention of underground drifting and crosscutting. Application to do this with DMEA assistance has been denied by DMEA and the market for scheelite is so low that it is not feasible for the company to do additional exploration. We, therefore, request the termination of our contract by mutual agreement and ask that DMEA furnish us with a statement of no discovery.

/s/ J. Eldon Gilbert

J. Eldon Gilbert
Cordero Mining Company
131 University Avenue
Palo Alto, California

November 25, 1957

CORDERO MINING COMPANY
191 University Avenue
Palo Alto, California

Docket No. ERDA 4504
Contract No. 4-1055

Wild Horse Mine
Custer County, Idaho
Tungsten

DIAMOND DRILL LOG

Diamond Drill Hole #1

+2° S75°W

Depth	Recovery
0-14	11.0
14-16	1.8
16-18	1.5
18-24	3.0
24-59	29.4
59-63	4.0
63-65	1.7
65-70 (end)	5.0

Description

Alaskite inclusion of tactite (shows some WO_3) at 6'
Green tactite, some WO_3
Alaskite
Tactite 0.1' band at 19' with some WO_3
Crystalline limestone, some tactite minerals dispersed. Traces of WO_3
Fine grained silicified tactite
Aplite dike, pink
Fine grained silicified tactite. Trace WO_3 at 66'

Diamond Drill Hole #2

+5° S65°W

0-5.2	5.2
5.2-10	4.8
10-12.5	2.5
12.5-56 (end)	6.0

Gneiss
Alaskite
Gneiss
Alaskite

CONDORO MINING COMPANY
151 University Avenue
Palo Alto, California

Docket No. DMEA 450
Contract No. 4-1055

Wild Horse Mine
Custer County, Idaho
Tungsten

DIAMOND DRILL LOG

Diamond Drill Hole #2

+3° S67°W

Depth	Recovery	Description
0-3	2.0	Crystalline limestone
3.0-7.0	2.6	Siliceous tactite (garnet)
7.0-21	11.0	Crystalline limestone
21-30	8.8	Chlorite schist, minor dikes
30-41	10.2	Alaskite, some calcite
41-45	2.1	Soft sandy limestone
45-55 (end)	6.6	Alaskite, some limestone inclusions

Diamond Drill Hole #4

+3° S67°W

Depth	Recovery	Description
0-20	16.2	Crystalline limestone
20-21	1.0	Alaskite
21-24.5	3.5	Mica schist
24.5-26	1.5	Alaskite
26-33	5.4	Chlorite schist
33-43	4.8	Alaskite, some limestone inclusions
43-57	5.7	Silicified limestone
57-60	1.7	Alaskite
60-70	3.6	Crystalline limestone, some garnet
70-105.5	30.4	Alaskite, some limestone inclusions
105.5-119	4.9	Crystalline limestone
119-123	3.7	Garnet tactite, siliceous
123-128	2.0	Alaskite
128-130 (end)	1.8	Gneiss

Diamond Drill Hole #5

+5° N38°W

Depth	Recovery	Description
0-3.0	3.0	Alaskite
3.0-6.2	2.4	Gneiss
6.2-7.6	1.4	Alaskite
7.6-24.0	13.7	Alaskite, some gneiss
24-29	23.3	Alaskite
29.0-33.0	1.7	Calcareous, green
33.0-37.0	1.3	Alaskite
37.0-40	0.3	Tactite
40-43.5	2.9	Crystalline limestone
43.5-46	3.2	Garnet tactite
46-47.1	10.6	Crystalline limestone
47.1-49.5	2.4	Tactite, some [illegible]
49.5-50.0	1.3	Tactite, [illegible]
50.5-53.0	1.6	Crystalline limestone

Diamond Drill Hole #5 (Continued)

95.0-97.0	3.6	Alaskite
97.0-98	1.0	Tactite, no WO_3
98-99.1	1.1	Tactite, some WO_3
99.1-100.7	1.6	Green tactite, no WO_3
100.7-103	1.1	Alaskite
103-148 (end)	26.5	Limestone, silicified

Diamond Drill Hole #6

44° due West

0-2	1.6	Gneiss
2.0-5.5	3.5	Alaskite
5.5-20	8.5	Gneiss
20-32	10.2	Crystalline limestone
32-33	1.0	Alaskite
33-95	48.0	Crystalline limestone
95-95.2	0.2	Tactite, trace WO_3
95.2-106.8	8.6	Crystalline limestone
106.8-107.2	0.4	Tactite, some WO_3
107.2-125	14.2	Crystalline limestone
125-129.5	4.5	Alaskite
129.5-135 (end)	5.5	Crystalline limestone

Standard Form No. 1034—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. 2097

U. S. .....
(Department, bureau, or establishment)

Voucher prepared at Spokane, Washington 1/2/58
(Give place and date)

THE UNITED STATES, Dr., *Payee's Account No.* Idm-E1055

PAID BY

(For use of Paying Office)

To Cordero Mining Company
(Payee)

131 University Avenue Palo Alto, California
(Address) (City) (State)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	April 1957	Amount withheld under Voucher No. 1988 dated June 4, 1957				750	00
PAYMENT: Complete ☐ Partial ☐ Final ☐		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	750	00

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

(Sign original only)

Date ..... *Payee .....
(This certificate not required when a like certificate is made by payee on attached bill or bills)

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

(Payee must NOT use this space)

Differences .....

Account verified; correct for 750 00

(Signature or initials) A. L.

Contract No. Date Req. No. Date Invoice Rec'd.

Pursuant to authority vested in me, I certify that this account is correct and proper for payment.

† Approved for $ .....

By .....

Title .....

SIGN ORIGINAL ONLY

† .....
(Authorized Certifying Officer)

Title .....

Date .....

THE REVERSE OF THIS FORM MUST BE EXECUTED WHEN PURCHASES ARE MADE OR SERVICES SECURED WITHOUT WRITTEN AGREEMENT IN ANY FORM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. *Amount*	Appropriation *Amount*

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

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

Per .....

Title .....

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.
† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign on the line below "Approved for $.....", and over his official title.

16—22900-3

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

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

.....

.....

.....

.....

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

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

16—22900-2 ☆ U. S. GOVERNMENT PRINTING OFFICE : 1950—O-75806

Form MF-104 (Rev.)
April 1952)

Budget Bureau No. 42-R1036.5

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

Month of April 1957 Docket No. DMEA 4504 Contract No. E 1055
Operator's Name Cordero Mining Company Minerals Tungsten
Address 131 University Avenue, Palo Alto, California
Contract Amount, $ 28,572.00 Government Participation: 75 % Amount, $ 21,429.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling Core	315.00		315.00	315.00		315.00
~~Bulldozing~~ Long Hole	271.00	32.00	303.00	271.00	32.00	303.00
~~Crosscutting~~ Snow Removal	96.00	528.00	624.00	96.00	528.00	624.00
Drifting	1436.80	14563.20	16000.00	1436.80	14563.20	16000.00
~~Timbering~~		99.20	99.20		99.20	99.20
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.		2276.00	2276.00		2276.00	2276.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	63.75	89.25	153.00	63.75	89.25	153.00
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2182.55	17587.65	19770.20	2182.55	17587.65	19770.20

RECEIVED JUN 10 1957 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 10, 1957 *Payee CORDERO MINING COMPANY
By Verne F. Kaap Title Ass't. Manager

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

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

(Instructions on reverse)

1636.91
Withhold 750.00
Pay 886.91

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

$ 886.91

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 6/4/57 Vou. No. 1988
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1055 in accordance with the terms of the contract.

Signature /s/ John D. Bardill Title Metallurgist Date May 21, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Wing L. Agnew Title Acting Exec Date 5-24-57

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1957 Docket No. DMEA 4504 Contract No. E 1055
Operator's Name Cordero Mining Company Minerals Tungsten
Address 131 University Avenue, Palo Alto, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	1 ft.	1436.80	44.9	16000.00	500		500	32.00
Crosscutting	1 ft.							
Raising	1 ft.						100	36.00
~~Shafts~~ Timbering				99.20	15.5		120	6.40
Winzes								
Drilling: Core	1 ft.	315.00	70	315.00	70		800	4.50
~~Churn~~ Long Hole		271.00	271	303.00	303		303	1.00
Auger								
Stripping								
Trenching								
~~Assaying~~ Assaying		63.75	15	153.00	36		100	4.25
Roads and Trails								
Snow Removal	1 hr.	96.00	8	624.00	52		100	12.00
TOTAL DISTRIBUTED COSTS		2182.55		17494.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				2276.00				
TOTAL COSTS		2182.55		19770.20				

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

Date May 10, 1957 Operator CORDERO MINING COMPANY

Per Verne P. Haas Title Ass't. Manager

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

REMARKS:

(Instructions on reverse)

(For Government use only)

/s/ John A. Pardiel, Metallurgist

RECEIVED JUN 10 1957 D.M.E.A.

INSTRUCTIONS

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

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

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

GPO 872894

NARRATIVE DESCRIPTI[illegible] OF PROGRESS

REPORT NO.4 FOR APRIL 1957

Docket No.DMEA-4504 (Tungsten)
Cordero Mining Company
Wild Horse Mine
Custer County, Idaho

Work progressed quite well at Wild Horse for the month of April with the drifting being stopped on the 14th as it had exceeded the amount authorized for this phase of the project. Work continued on diamond drilling, long holes and raising.

Drifting for this month consisted of completing No.2 Drift to 81' where a drill station was cut. Very little mineralization was found in this last work.

Raise No.1 whichwas started on the ore found near the end of No.2 Crosscut, was driven to 26' following a small stringer of ore. It appears that the most of the ore here lies on top of a flat dike. Test Holes 8 and 9 are both in the ore and show it to be 8' and 10' respectively. A cut sample has been taken in the ore along the righ rib of the raise by Mr. Nicholson.

Diamond Drill Hole No.1 was drilled from the face of No.2 Crosscut for 79'. This hole had seven showing of scheelite. As the zones containing the ore did not core well and the large flow of water made it impossible to save sludge samples it is hard to determine the exact width of the ore zones but were thought to be from 4" to over one foot. The best showings were at 13' and we will check this with the crosscut. This hole was stopped partly because of the excessive flow of water and to let the raise crew complete the work in No. 1 Raise.

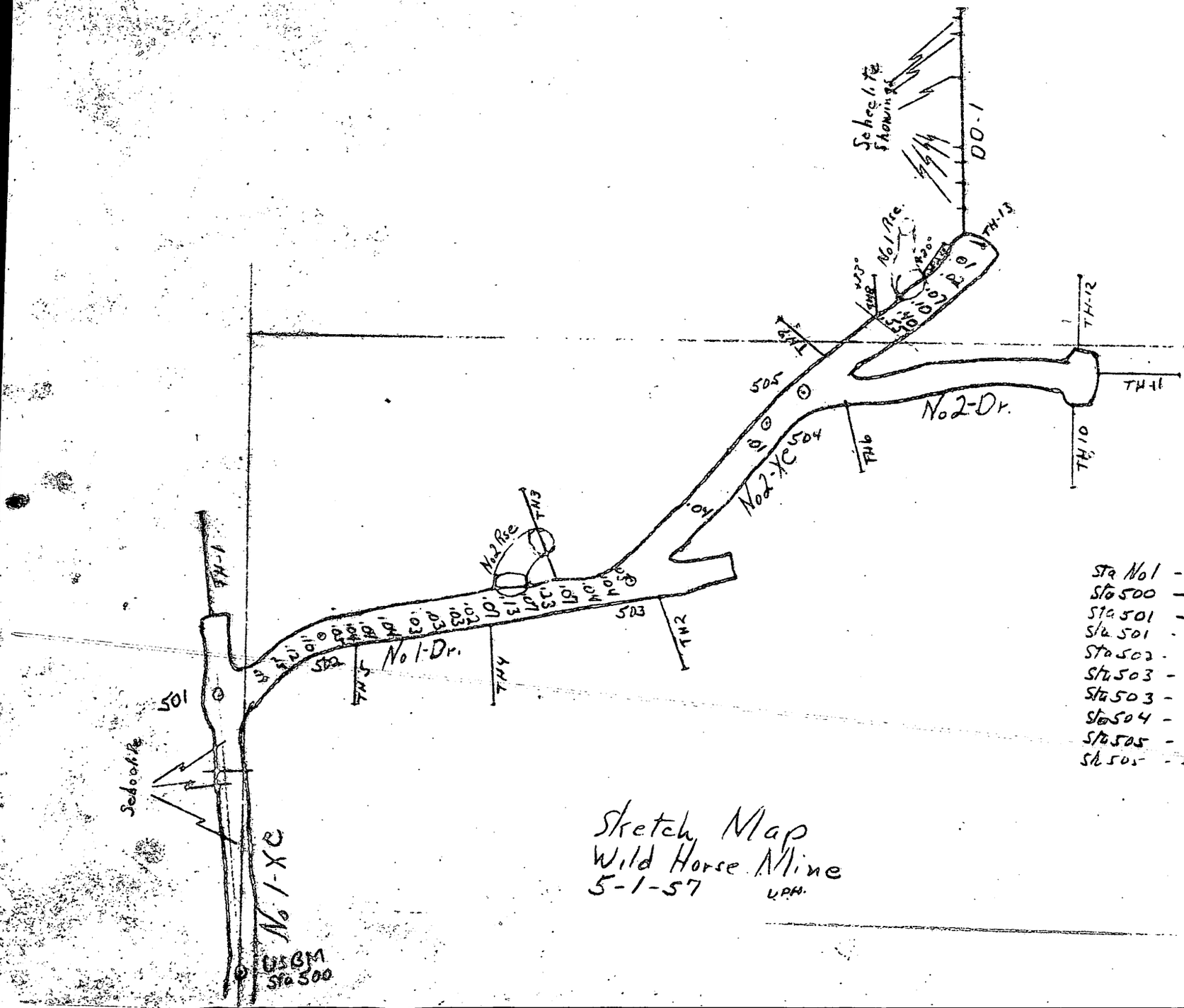
Raise No.2 was started from No.1 Drift on the better showing of scheelite and was driven for 25' following a good band of scheelite.

The long hole drilling has been completed to the amount authorized with hole drilled in the last part of No.2 Crosscut and in No.2 Drift. The holes in No.2 Crosscut were probing the ore there as described above and holes in No.2 Drift show very little mineralization

On April 30th a field conference was held at Wild Horse with Mr. Nicholson of the USGS and Verne Haas of Cordero Mining Co. Plans were made to explore to ore already found and to setup the diamond drill in the end of No.1 Crosscut for a long footwall hole.

It will be noted that we have driven some 51' fo raises which are not shown on MF-104A. We did not feel that the backs in this area justified the driving of a two compartment timbered raise as authorized so have used these small raw raises.

DMEA
RECEIVED JUN 10 1957
DATE | INITIALS | CODE



Sta No1 -	Sta 500	S82W -	115.5'	
Sta 500 -	Sta 501	S84W -	83.1'	83.4
Sta 501 -	fe No1 XC	S84W -	22.5'	22.1
Sta 501 -	Sta 502	N33W -	35.9'	35.9
Sta 502 -	Sta 503	N11W -	91.3'	91.0
Sta 503 -	fe No1 Dr	N14W -	30.0'	30.2
Sta 503 -	Sta 504	N50W -	64.9'	64.9
Sta 504 -	Sta 505	N42W -	150	
Sta 505 -	fe No2 XC	N40W -	65.2	
Sta 505 -	fe No2 Dr	N7W -	81.0	

Sketch Map
Wild Horse Mine
5-1-57 U.P.H.

OFFICIAL FILE COPY
D M E A
RECEIVED JUN 10 1957
DATE | INITIALS | CODE

MONTANA LABORATORY COMPANY

CHEMISTS AND ASSAYERS

Philipsburg, Montana, April 15, 1957

The Following Analyses Were Made For Cordero Mining Company

	Per Cent H_2O	Ozs. Silver Per Ton	Ozs. Gold Per Ton	$ Gold Per Ton	Per Cent ~~[illegible]~~ WO_3	Per Cent Mn. Dioxide	Per Cent Iron	Per Cent Lead	Per Cent Manganese	Per Cent Silica	Per Cent Zinc
#1					0.546						
2					0.390						
3					0.093						
4					0.070						
5					0.022						
6					0.016						
7					0.040						
					WO_3						
#8					0.004						
9					0.010						
10					0.012						
11					0.046						
12					0.009						
13					0.009						
14					0.016						
					WO_3						
#15					0.216						

RECEIVED
JUN 10 1957
D.M.E.A.

1201 N. Division St.
Spokane 2, Washington

June 5, 1957

EXTRA COPY
DMEA
RECEIVED JUN 10 1957
DATE | CODE

Cordero Mining Company
131 University Avenue
Palo Alto, California

Re: Docket No. 4504 (Tungsten)
Contract No. X1055
Monthly operating report for
April 1957

Gentlemen:

The subject monthly operating report has been processed and forwarded to the Disbursing Officer for payment.

We are withholding an amount of $750.00, pending approval of additional work or final audit review by a representative of the Contract Administration and Audit Division of Defense Minerals Exploration Administration. This is the customary procedure and is applicable to all contracts.

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: DMEA (2)
USGS (2)
Contract Admin.
AD
JAB

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of MARCH, 1957 Docket No. DMEA 4504 Contract No. S 1055
Operator's Name CORONADO MINING COMPANY Minerals TUNGSTEN
Address 191 University Avenue Palo Alto, California
Contract Amount, $ 28,572.00 Government Participation: 75 % Amount, $ 21,427.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	32.00	—	32.00	32.00	-0-	32.00
Bulldozing						
Crosscutting } Timbering	6816.00	7747.20	14563.20	6816.00	7747.20	14563.20
Drifting } Timbering	35.20	64.00	99.20	35.20	64.00	99.20
Snow Removal	192.00	336.00	528.00	192.00	336.00	528.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	—	2276.00	2276.00		2276.00	2276.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	89.25	—	89.25	89.25	-0-	89.25
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	7164.45	10423.20	17587.65	7164.45	10423.20	17587.65

RECEIVED MAY 13 1957 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 10, 1957 Payee CORONADO MINING COMPANY
Per [signature] Title Ass't. Manager

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

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

(Instructions on reverse)

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

$ 5373.34

Signature [signature]
(Authorized Certifying Officer)

Date 5/10/57 Vou. No. 1976
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E/1055 in accordance with the terms of the contract.

Signature /s/ John D. Bardill Title Metallurgist Date 5/3/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Exec Officer Date 5/6/57

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of MARCH 7 1957 Docket No. DMEA 4504 Contract No. B 1055

Operator's Name CORDERO MINING COMPANY Minerals TUNGSTEN

Address 131 University Avenue Palo Alto, California

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	1 ft.	6816.00	213.0	14563.20	455.1		500	32.00
Crosscutting								
Raising	1 ft.						100	36.00
Timbering	1 ft.	35.20	5.5	99.20	15.5		120	6.40
Shafts								
Winzes								
Drilling: Core	1 ft.				—		600	4.50
Churn					—		200	2.00
Blasting hole	1 ft.	32.00	32 ft.	32.00	32 ft.		300	1.00
Auger								
Stripping								
Trenching								
Assaying		89.25	21	89.25	21		100	4.25
Test Pits								
Roads and Trails								
Snow Removal	1 hr.	192.00	16	528.00	44		100	12.00
Total Distributed Costs		7164.45		15311.65				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				2276.00				
Total Costs		7164.45		17587.65				

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

Date April 10, 1957 Operator CORDERO MINING COMPANY

Per Verne W. Hans Title Ass't. Manager

Remarks:

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

(Instructions on reverse)

(For Government use only)

/s/ John D. Lardell, Metallurgist

RECEIVED MAY 13 1957 D.M.E.A.

INSTRUCTIONS

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

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

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

GPO 872894

NARRATIVE DESCRIPTION OF PROGRESS

REPORT NO.3 FOR MARCH 1957

Docket No.DMEA-4504 (Tungsten)
Cordero Mining Company
Wildhorse Mine
Custer County, Idaho

During the month of March drifting at Wild Horse progressed very rapidly on a two shift schedule. No.1 Drift advanced along the general strike of the formation for 157'. A good portion of this showed scheelite mineralization and in places approached ore grade. At about 105' the mineralization was cut off by a cross fault. The remaining 52' failed to show mineralization so a drifting cross cut, designated No.2 Cross Cut, was started from a point 120' from No.1 Cross Cut. After advancing 100' and nearing what appeared to be the footwall of the formation another mineralized zone was encountered. This zone was 20' wide and is much better that anything found so far. The first 5' was estimated to assay over .75 % WO3 whit the remaining 15' averaging about .40% WO3. This heading was driven 15' beyond this zone without further mineralization so a diamond drill station was cut at the end where a diamond drill hole will probe this wall further.

A pilot raise was started from No.2 Cross Cut near the footwall of this last mineralized zone and advanced 12' from the sill. This raise will be driven back thru the zone planning to cross cut it in about 30'. Car samples from this work are estimated to average about .75% WO3

On March 21st a field conference was held at Wild Horse withn Mr. Bardill of the U.S.Bureau of Mines, Mr. Nicholson of the USGS, J.Eldon Gilbert and Verne Haas of Cordero Mining Company. At this time Mr. Bardill put USBM stations in place of our company stations so that now our Station #2 is USBM #500, Our #3 is USBM #501 and so on.

Drilling with the long hole machine has commenced with the first hole into the footwall from the end of No.1 Cross Cut. The drillings show some scheelite assay results of which will be in next months report.

As the first diamond drill hole was planned from the end of No.2 Cross Cut the extra work in this last mineralized zone has set this program back but drilling will start the first week in April.

Drifting along the formation has been continuing starting from No.2 Cross Cut at No.1 Drift plus 100'. Advance here has been 39' and todate has very few showings of scheelite.

Enclosed are forms MF-104 and MF-104A with sketch map of the progress for March 1957 including the assays we have to date. All assays are on car samples

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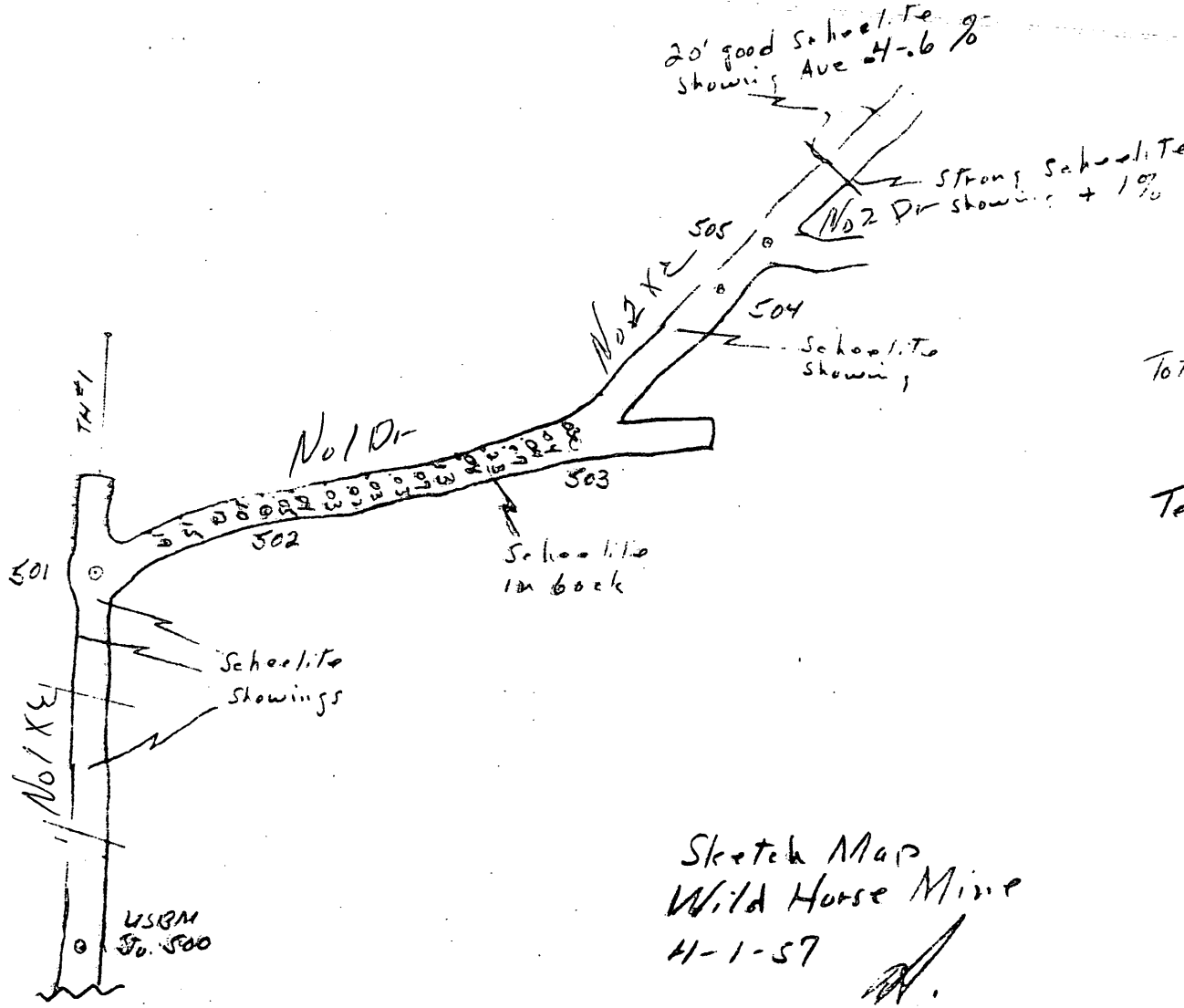
D M E A
RECEIVED MAY 13 1957
DATE INITIALS CODE

SHEET NO. ____ OF ____
JOB NO. ____
SUBJECT ____
BY ____ DATE ____
CHKD. BY ____ DATE ____



Sketch Map
Wild Horse Mine
4-1-57

Sta #1 -	500 -	115.5'
500 -	501 -	83.1'
501 -	Sc #1 XC -	22.5'
501 -	502 -	35.9'
502 -	503 -	91.3
503 -	Sc #1 Dr -	30.0'
504 -	505 -	64.9'
505 -	Sc #2 XC -	14.0'
505 -	Sc #2 Dr. -	45.6'
		39.8'
		542.6
Less portal		80.0
		462.6
Less 2½' turnoffs (3)		7.5'
Total 3-31-57	—	455.1

Test Hole #1 32'

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RECEIVED MAY 13 1957

DATE	INITIALS	CODE

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

Budget Bureau No. 42-R1036.5

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

Month of February, 1957 Docket No. DMEA 4504 Contract No. E 1055
Operator's Name Cordero Mining Company Minerals Tungsten
Address 131 University Avenue, Palo Alto, California
Contract Amount, $ 28,572.00 Government Participation: 75 % Amount, $ 21,429.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting)	6022.40	1724.80	7747.20	6022.40	1724.80	7747.20
Drifting) Timbering	64.00		64.00	64.00	—	64.00
Snow Removal	216.00	120.00	336.00	216.00	120.00	336.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	0	2276.00	2276.00	—	2276.00	2276.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6302.40	4120.80	10429.20	6302.40	4120.80	10,422.20

RECEIVED APR 5 1957 D.M.E.A.

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

Date March 6, 1957 *Payee Cordero Mining Company

Per J. Eldon Gilbert Title General Manager

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

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

(Instructions on reverse)

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

$ 4,726.80

Signature Dorothy F. Long
(Authorized Certifying Officer)

Date 4/2/57 Vou. No. 1960

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E1055 in accordance with the terms of the contract.

Signature /s/ John D. Bardill Title Metallurgist Date 3/25/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Executive Officer Date 3/25/57

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 7, 1957 Docket No. DMEA 4504 Contract No. E 1055

Operator's Name Cordero Mining Company Minerals Tungsten

Address 131 University Avenue, Palo Alto, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	1 ft	6022.40	188.2	7747.20	242.1		500	32.00
Crosscutting								
Raising							100	36.00
Timbering	1 ft	64.00	10.	64.00	10.		120	6.40
Shafts								
Winzes								
Drilling: Core	1 ft						800	4.50
Boaming & Casing	1 ft						200	2.00
Churn								
Long Hole	1 ft						303	1.00
Auger								
Stripping								
Trenching								
Assaying							100	4.25
Test Pits								
Roads and Trails								
Snow Removal	1 hr	216.00	18.	336.00	28.		100	12.00
TOTAL DISTRIBUTED COSTS		6302.40		8147.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.				2276.00				
TOTAL COSTS		~~6302.40~~		~~10423.20~~				

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

Date March 6, 1957 Operator Cordero Mining Company

Per J. Elton Gilbert Title General Manager

J. Elton Gilbert

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ John A. Pardill, Metallurgist

RECEIVED APR 5 1957 D.M.E.A.

INSTRUCTIONS

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

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

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

GPO 872894

NARRATIVE DESCRIPTION OF PROGRESS

REPORT NO. 2 FOR FEBRUARY 1957

Docket No. DMEA-4504 (Tungsten)
Cordero Mining Company
Wild Horse Mine
Custer County, Idaho

Work at the Wild Horse Mine under DMEA Contract No. E-1055 continued through the month of February.

The cross cut which was being driven to intercept the mineralized zone, was advanced 87.2' (from Station 1 plus 133.9' to Station 1 plus 221.1') A fractured zone showing some scheelite was cut and a drift was commenced at Station 1 plus 198.6'. This fractured zone actually showed spots of tungsten mineralization for about 50' in the cross cut, and inasmuch as the limestone foot wall was not found, a few more rounds in the cross cut will be driven, and drilling done into the foot wall.

The drift was driven 101' (Station 3 is set at the junction of the cross cut and drift at Station 1 plus 198.6'. All drift measurements will be from Station 3) Scheelite occurred in spots during the first 50', and the last 50' was on a band about 1' wide. It is of sufficient grade to probably carry the drift at from 0.2 WO_3 to 0.5 WO_3.

About 2½' of new snow fell in February but did not unduly hamper the exploration program.

Enclosed are reports MF-104, MF-104A and a sketch map of progress for February 1957.

J. Elton Gilbert

JEG:L

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DMEA
RECEIVED APR 5 1957

DATE	INITIALS	CODE

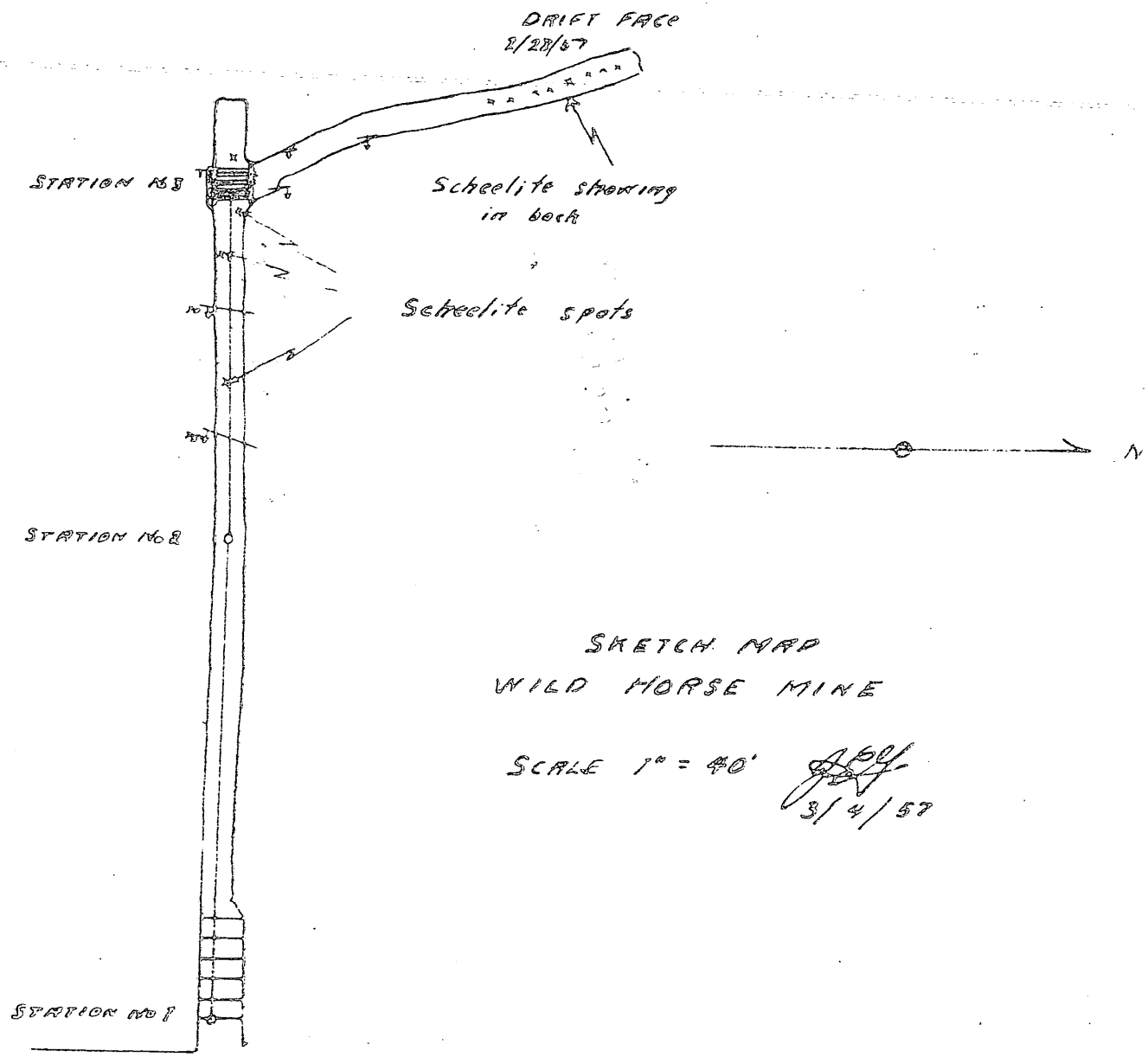
SHEET NO. ..... OF .....

JOB NO. .....

SUBJECT .....

BY ..... DATE .....

CHKD. BY ..... DATE .....



SKETCH MAP
WILD HORSE MINE

SCALE 1" = 40'

3/4/57

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D M E A
RECEIVED APR 5 1957

DATE	INITIALS	CODE

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 7 195 Docket No. DMEA 4504 Contract No. E1055
Operator's Name Cordoro Mining Company Minerals Tungsten
Address 131 University Avenue, Palo Alto, California
Contract Amount, $8,572.00 Government Participation 75 % Amount, $ 21,439.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	1724.80	-0-	1724.80	1724.80	-0-	1724.80
Drifting						
Snow Removal	120.00	-0-	120.00	120.00	-0-	120.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.	2276.00	-0-	2276.00	2276.00	-0-	2276.00
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	4120.80	-0-	4120.80	4120.80	-0-	4120.80

RECEIVED MAR 4 1957 D.M.E.A.

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

Date Feb. 12, 1957 *Payee Cordoro Mining Company

Per J. Eldon Gilbert Title General Manager

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

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

(Instructions on reverse)

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

$ 3090.60

Signature [illegible] (Authorized Certifying Officer)

Date 3/1/57 Vou. No. 1946

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-1055 in accordance with the terms of the contract.

Signature /s/ David L. Walker Title Mining Engineer Date 7/26/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ A. E. Weissenborn Title Executive Officer Date 7/27/57

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED MAR 4 1957 D.M.E.A.

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

Month of January 1957 Docket No. DMEA 4504 Contract No. M1055
Operator's Name Cordero Mining Company Minerals Tungsten
Address 131 University Avenue, Palo Alto, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting } Crosscutting }	1 ft.	1724.80	53.9	1724.80	53.9		500	32.00
Raising	1 ft.						100	36.00
~~Shaft~~ Timbering	1 ft.						120	6.40
Winzes								
Drilling: Core	1 ft.						800	4.50
~~Churn~~ Reaming and Casing	1 ft.						200	2.00
~~Auger~~ Long-hole	1 ft.						303	1.00
Stripping								
Trenching								
~~Test Pits~~ Assaying							100	4.25
Roads and Trails								
~~Snow Removal~~	1 hr.	120.00	10	120.00	10		100	12.00
TOTAL DISTRIBUTED COSTS		1844.80		1844.80				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.		2276.00		2276.00				
TOTAL COSTS		4120.80		4120.80				

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

Date Feb. 12, 1957 Operator Cordero Mining Company

Per J. Eldon Gilbert Title General Manager

J. Eldon Gilbert

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ David A. Walker, Mining Engineer

INSTRUCTIONS

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

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

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

GPO 872894

NARRATIVE DESCRIPTION OF PROGRESS

Docket No. DMEA-4504 (Tungsten)
Cordero Mining Company
Wild Horse Mine
Custer County, Idaho

Work at the Wild Horse Mine, under DMEA Contract No. E-1055, commenced on the morning of January 18, 1957.

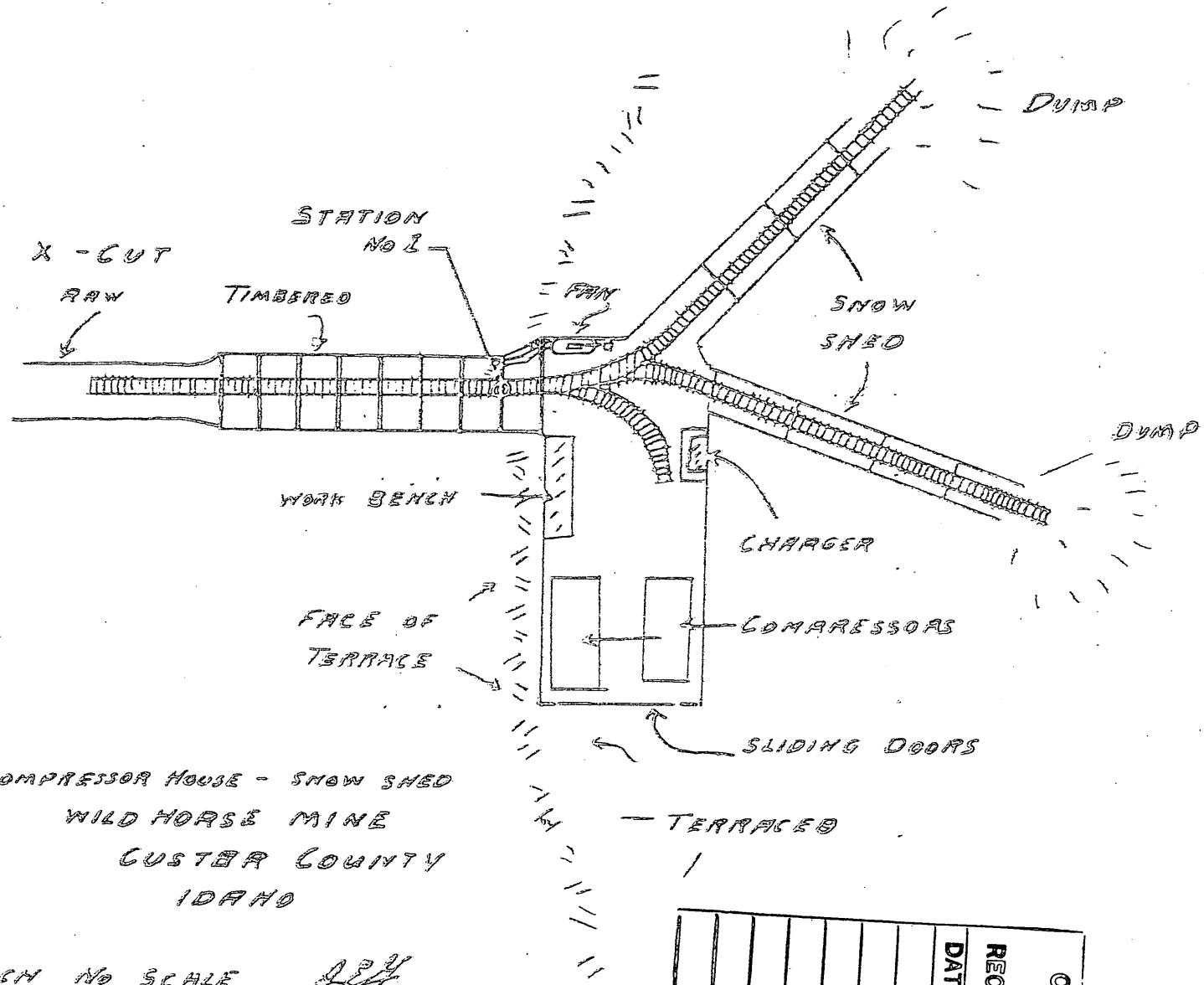
At that time the necessary equipment had been purchased and some supplies accumulated. The work was started on one shift underground and with a rush program on the surface. After the surface building and snowsheds were completed, all men went underground on the first of February. The single underground crew had progressed from Station No. 1 (a spad in the portal timber, see sketch) plus 80' to Station No. 1 plus 133.9' to make an advance of 53.9' in 12 shifts, or 4.49' per shift.

It is recognized that faster progress can probably be made by using heavier drilling machines. The machines in present use are Thor 380s with jack legs. Tests are being conducted with several heavier machines and we will purchase two new ones soon.

To date all rock penetrated with the crosscut has been the hanging wall gneiss. Although there are occasional specks of scheelite throughout the gneiss, no ore has been encountered and the main mineralized zone has not been cut.

Enclosed herein are reports MF-104 and MF-104A for the month of January, 1957.

OFFICIAL FILE COPY
D M E A
RECEIVED MAR 1957
DATE | INITIALS | CODE



COMPRESSOR HOUSE - SNOW SHED
WILD HORSE MINE
CUSTER COUNTY
IDAHO

SKETCH NO SCALE
BUILDING 20' x 45'

2-4-57

OFFICIAL FILE COPY
D M E A
RECEIVED MAR 4 1957
DATE | INITIALS | CODE

BY ..... DATE ..... SUBJECT ..... SHEET NO. ..... OF .....
CHKD. BY ..... DATE ..... JOB NO. .....

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

AUG 1-

Cordero Mining Company
131 University Avenue
Palo Alto, California

Re: Docket No. DMEA 450k - Tungsten
Wild Horse Mine
Custer County, Idaho
Contract No. Ida-11055

Gentlemen:

This is with reference to the subject exploration contract between you and the Government.

It is not our intention to issue a certification of discovery or development which would create a lien against the subject property. We are, therefore, closing our books and records with respect to this project. Your attention is called, however, to the provisions of the contract which require the operator to keep and preserve certain records for the period indicated.

We regret that the exploration work performed did not result in a discovery or development. Your participation in the exploration program, however, is sincerely appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

:PM.LT/dlm 7-28-58
cc to: Code 400
Code 110
Code 800
Admr. R. File
Oper. Cons.
[illegible]
Messrs. R. W. Holliday, [illegible]
T. N. Killagaard, [illegible]

cc to: Messrs. John Rosendrance
Bill Brooks
A. L. Hall
Mrs. Afton McBride

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

Same letter to:
Mr. Bill Brooks, Hailey, Idaho
Mr. A. L. Ball, Hailey, Idaho
Mrs. Afton McBride, Bloomfoot, Idaho

AUG 1 1958

Mr. John Steinbrenner
Mackay, Idaho

Re: Contract No. DMA 1408 - Tungsten
Orders Mining Company
Wild Horse Mine
Custer County, Idaho
Contract No. DMA-1035

Dear Mr. Steinbrenner:

Reference is made to the Consent to Lien and Subordination Agreement which you executed in connection with the DMA contract for an exploration project on your property located in Custer County, Idaho.

For your information, there is enclosed a copy of our letter of this date to Orders Mining Company advising that the Government retains no claim or lien against the property described in the contract or on any future production therefrom.

Sincerely yours,

C. O. Mittendorf

Enclosure

Administrator

DMA:/dla 7-2-58
cc to Code 600
Code 110
Code 800
Admr. R. File
Oper. Coord.
[illegible] I
Memorandum: [illegible] W. Holliday, [illegible]
T. G. Gillingham, [illegible]

Audit copy

EXPLORATION PROJECT CONTRACT
CORDERO MINING COMPANY
DOCKET NO. DMEA-4504

AMENDMENT NO. 1

It is agreed this 21st day of March, 1958, between the United States of America, acting through the Defense Minerals Exploration Administration, and Cordero Mining Company, that Contract No. I&M-E1055 (Docket No. DMEA 4504), dated January 17, 1957, is amended, effective July 31, 1957, as follows:

In Exhibit A:

1. In paragraph numbered 3 of the Description of the Work, after "AX", insert "or EX when approved by the Government."

2. Under Estimated Cost of the Project, Item 3(a) is revised to read:

"Diamond Drilling, 725 feet @ $4.50/ft. $3,262.50"

"Diamond Drilling, size EX, 75 feet @ $4.25/ft. $318.75"

This amendment shall not be construed to increase the estimated cost of the project, the fixed unit cost of any item of work, nor the aggregate amount which the Government may be required to contribute.

Executed in quintuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By Frank E. Johnson
Administrator, Defense Minerals Exploration Administration

CORDERO MINING COMPANY

By [illegible]

Title V-Pres

DMEA Form 14

Contract No. Idm-E 1055

Docket No. 4504

Terminated Contract

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Obligation Document

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
January 17, 1957	I	Idaho	Tungsten

Name and Address of Operator:

Cordero Mining Company
131 University Avenue
Palo Alto, California

	Reserve	Obligation
Prior Amount	0	21,429.00
Increase	0	0
Decrease	0	5,783.29
Revised Amount	0	15,645.71

Remarks:

(Name)
Allen S. Dakan, Chief, Operations Control and Statistics Division

(Title)

Date delivered to Bureau of Mines, Washington 6/5/58

22845

Contract No. Idm-E 1055

Docket No. 4504

DEPARTMENT OF THE INTERIOR

Executed contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
January 17, 1957	I NW	Idaho	Tungsten

Name and Address of Operator: Cordero Mining Company
131 University Avenue
Palo Alto, California

	Reserve	Obligation
Prior Amount	$21,429.00	0
Increase	0	21,429.00
Decrease	$21,429.00	0
Revised Amount	0	21,429.00

Remarks:

ALLEN S. DAKAN

(Name)

Allen S. Dakan, Chief
Operations Control and
Statistics Division

(Title)

Date Delivered to Bureau of Mines, Washington 2/27/57

98963

Government's Copy

MF-200A
(Rev. April 1956)

OFFICIAL FILE COPY DMEA RECEIVED FEB 25 1957		
DATE	INITIALS	CODE
		800

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
EXPLORATION PROJECT CONTRACT
(Short Form)

DMEA No.	Commodity	Contract No. Idm-E	County	State
4504	Tungsten	1055	Custer	Idaho

It is agreed 17 JAN 1957, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Cordero Mining Company, a Nevada corporation

whose mailing address is 131 University Avenue
Palo Alto, California
hereinafter called the "Operator," as follows:

ARTICLE 1. *Authority and project.*—(a) This contract is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200A), the attached Annex I (land description), Exhibit A (work and costs), and the maps and documents listed therein. The project work is a search for indicated or undeveloped deposits of the commodity designated above. The Operator shall begin the work on or before JAN 18 1957, and, subject to the provisions of Article 7 and Exhibit A, shall complete the work within 12 months from the date of the contract.

(b) The description of the work and the fixed cost for each unit of work to be performed (per foot of drilling, per foot of drifting, per hour of operations, etc.) are hereby agreed upon as specified in Exhibit A. The estimated total cost of the project work is $28,572.00. The Government will contribute 75 percent of the fixed unit cost of the work performed, not exceeding $21,429.00, in accordance with the provisions of Articles 4 and 5.

(c) The Operator shall not transfer or assign this contract or any right or obligation thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The Operator represents and undertakes that Annex I correctly describes the land which is the subject of this contract and the nature of the Operator's rights of property and possession therein (whether as owner, lessee, or otherwise), and that such right, title, or interest is subject only to the following claims, liens, or encumbrances: See Annex I.

(b) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title of the land (lessor, seller, optionor, etc.) are attached, as follows: John Rosenkrance, Bill Brooks, A. L. Hall and Mrs. Afton McBride (undated)

(c) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. The Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing

in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. Two copies of such instrument shall be furnished to the Government. If the Government's rights to royalty as provided in Article 6 have been terminated, the provisions of this paragraph (c) shall become inapplicable.

ARTICLE 3. *Performance of the work.*—(a) Operator's responsibility.—The work shall be performed diligently, efficiently, expertly, in a workmanlike manner, and in accordance with good mining standards and State regulations governing health, safety, and liability insurance covering employment. The Operator shall provide suitable and adequate equipment, facilities, materials, supplies, and labor to complete the work, as specified in Article 1 (a).

(b) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after certification of discovery or development, to inspect production operations and underground workings. The Operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 4. *Contribution by the Government.*—The Government will make its contribution on the basis of the monthly vouchers referred to in Article 5 (b); but all payments by the Government are provisional only, subject to audit, and until the account between the Operator and the Government is finally audited and settled and the Operator's final report has been rendered, the Government may withhold such sums as it sees fit but not in excess of 10 percent of the estimated total cost of the work. To the extent that excesses over fixed unit costs or any excess over the estimated total cost may be necessary for the performance of the work, the Operator shall incur and pay such excesses for his own account without contribution by the Government. The Government will not contribute to the cost of any work performed prior to the date of this contract. The Government may make payments for the account of the Operator directly to independent contractors and suppliers rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) Operator's records.—The Operator shall keep suitable records and accounts of the units of work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine all pertinent books, documents, papers, and records of the Operator.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing a detailed statement of units of work performed during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and the fixed unit costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and the unit costs thereof.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

DWEY

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 6. *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 a sufficient final report (see Article 5), 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 (for example, if the Operator either transfers or fails to retain his interest in the land), 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, assaying, or transportation performed or paid by the 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, but excluding fabricating or manufacturing) applied to the crude ore or other production after it is extracted from the ground to put it into a commercially marketable form.

(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 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 (1½) 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 (½) 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 (1½) percent; on an amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this Article.

(g) *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.

(h) *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.

(i) *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 production operations.

(j) *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.

ARTICLE 7. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon the Government shall be free of all obligation to pay on account of units of work not then performed, and the Operator shall be free of all further obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon the Government shall be relieved of all obligation to pay on account of units of work not performed when the notice was given, and the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The Government may also avail itself of any other remedy the law may provide for breach of contract, including the right to rescind the contract and to demand repayment of all moneys contributed by the Government under the contract.

(c) The giving of any notice by the Government under the provisions of this Article 7 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and liens to secure the payment thereof, and such rights shall be fully preserved.

ARTICLE 8. *Notices to be given by the Government* may be delivered to the Operator or may be sent by registered mail addressed to the Operator at the mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 9. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 10. *Changes and added provisions.*—

.....

.....

.....

.....

.....

.....

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

CORDERO MINING COMPANY
(Operator)

By [illegible]

Title V. Pres.

By [illegible]
Administrator, Defense Minerals
Exploration Administration

I, John C. Agnew, certify that I am the secretary of the corporation named as Operator herein; that Samuel H. Williston, who signed this contract on behalf of the Operator, was then Vice President 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.

[illegible]

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE : 1956—O-383069

OFFICIAL FILE COPY
D M E A
RECEIVED FEB 25 1957

DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT
CORDERO MINING COMPANY
DOCKET NO. DMEA-4504

ANNEX I

The land referred to in Article 2 of the contract consists of 16 unpatented lode mining claims, (Plate 3), situated in T. 5 N., R. 20 E., B.M., on Wild Horse Creek in Alto Mining District, Custer County, Idaho, and shown on map entitled: "Plate 3 - Claim Map of the Wildhorse Mine - Cordero Mining Co., Custer County, Idaho," attached hereto as a part hereof. The Notices of Location of the 16 claims are recorded in the Custer County Courthouse at Challis, Idaho, as follows:

Claim Name	Recorded Book No.	Recorded Page No.
Steep Climb 1 to 6, incl.	14	150-155
Steep Climb 7, 8, and 9	14	169-171
Steep Climb 10 to 16, incl.	14	183-188

A stock pile of ore, reported to contain approximately 300 tons previously mined by the applicant, and approximately 1,500 tons of tailings from ore previously milled, shall be excluded from the royalty provisions of the contract.

The property noted above is owned by John Rosenkrance, Bill Brooks, A. L. Hall, and Mrs. Afton McBride, and is leased by them with an option to purchase to the Cordero Mining Company, a Nevada corporation. A copy of the Consent to Lien and Subordination Agreement, executed by the owners, is attached to and made a part of this contract.

MF-205
(Combines and supercedes MF-201 and MF-203)
June 1956

RECEIVED FEB 25 1957 D.M.E.A.

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator Cordero Mining Company
Docket No. DMEA- 4504
Contract No. Idm-E 1055
Contract Date 17 Jan 1957

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FEB 19 1957
U. S. G. S.
SPOKANE, WASH.

CONSENT TO LIEN
and
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of Custer, State of Idaho, described as follows: 2/ Unpatented Mining Claims Located by John Rosenkrance, Leo McBride, Bill Brooks, & Art Hall.

Claims:	Date Located	Recorded
Steep Climb 1 thru 6	Sept. 8, 1953	Book 14, Pgs. 150-155
Steep Climb 7-8-9	Oct. 8, 1953	Book 14, Pgs. 169-171
Steep Climb 10 thru 15	Nov. 5, 1953	Book 14, Pgs. 183-188
Beaver 1 thru 4	Nov. 5, 1953	Book 14, Pgs. 189-190-198-199
Steep Climb #16	Nov. 5, 1953	Book 14, Page 188

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production and liens to secure same;

4. Represents and undertakes that there is no claim, lien, or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: (If "none" insert the word "none." Do not leave lines blank.)

Mining Lease With Option to Purchase by Cordero Mining Company Dated September 14, 1953 and recorded in Custer County, Idaho, Book 4, Bonds & Agreements, Pages 493-94-95-96 (NONE OTHER)

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

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

5. Undertakes and agrees (a) neither to commit any act nor assert any claim in conflict with the provisions of this Agreement; and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall extend and apply thereto.

7. Added provision: NONE (State "None" or "See Annex No.____")

Dated this _____ day of _____, 195__.

John Rosenkrance	[Seal]	Mackay, Idaho	[Address]
Bill Brooks	[Seal]	Hailey, Idaho	[Address]
A. L. Hall	[Seal]	Hailey, Idaho	[Address]
Mrs. Afton McBride	[Seal]	Blackfoot, Idaho	[Address]
	[Seal]		[Address]
	[Seal]		[Address]

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

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DATE	INITIALS	CODE

EXPLORATION PROJECT CONTRACT
CORDERO MINING COMPANY
DOCKET NO. DMEA-4504

EXHIBIT A

Description of the Work

The maps attached to and made part of the contract are as follows:

Plate 2. Wildhorse Mine "Steep Climb" Deposit, Cordero Mining Co., Custer County, Idaho

Plate 3. Claim Map of the Wildhorse Mine, Cordero Mining Co., Custer County, Idaho

The project consists of driving not to exceed 500 feet of adit-crosscut and drift, raising not to exceed 100 feet from the adit, drilling not to exceed 800 feet of diamond drill holes, and not to exceed 303 feet of long percussion-drill holes from the adit, as follows:

1. From the portal site (see Plates 2 and 3) drive a crosscut west approximately 200 feet to cut the possible downward extension of ore showings located in the bottom of the bulldozer trench, then drive a drift northerly approximately 300 feet along the above-noted downward extension of ore showings or other favorable mineralization. The total aggregate length of adit-crosscut and drift shall not exceed 500 feet. The drift and/or crosscut shall be timbered as necessary and shall be not less than 5 feet by 7 feet in the clear of timber.

2. At all positions along the crosscut and/or drift found to contain favorable mineralization, the Operator shall drive such exploratory raises as are approved by the Government. Such raises shall be timbered with standard two-compartment raise timber and shall be not less than 4 feet by 7 feet in cross section in the clear of timber. The aggregate total length of all raises shall not exceed 100 feet.

3. At locations not less than 200 feet apart, drill AX size diamond drill holes into either wall of the drift to probe for other ore bodies that may occur in the zone. Individual holes shall not exceed approximately 400 feet in length and the total footage of all such holes shall not exceed 800 feet.

4. At locations along the drift where mineralization is favorable, but not less than 50 feet apart, drill long percussion-drill holes into either wall of the drift to explore the possible existence of other ore bodies. The total footage of such drill holes shall not exceed 303 feet.

5. Assay not more than 100 samples for tungsten trioxide (WO_3). Cost of assaying shall include necessary sample sacks, and any shipping charges.

6. Use of bulldozer for snow removal, not to exceed 100 hours. 2/

7. Construct one new snowshed and one new tool and compressor 3/ house. The snowshed shall include adit portal, track, pipe, and vent pipe, and track on dump.

Estimated Cost of the Project

Fixed Unit Costs

1.	(a)	Crosscutting and/or drifting 500 feet @ $32.00/ft.	$16,000.00	
	(b)	Timbering crosscut and/or drift, 120 feet @ $6.40/ft.	768.00	
2.		Raising, timbered, 100 feet @ $36.00/ft.	3,600.00	
3.	(a)	Diamond drilling, 800 feet @ $4.50/ft.	3,600.00	
	(b)	Reaming and casing, or cementing and re-drilling, 200 feet @ $2.00/ft.	400.00	
4.		Long-hole drilling, 303 feet @ $1.00/ft.	303.00	
5.		Assaying 100 samples for WO_3 @ $4.25/sample	425.00	
6.		Use of bulldozer for snow removal, 100 hours @ $12.00/hr.	1,200.00	
7.	(a)	Construct snowshed, etc. $1,476.00 1/		
	(b)	Construct compressor-toolhouse 800.00 1/	2,276.00	
		Estimated Total Cost of the Project		$28,572.00
		Government Participation @ 75%		$21,429.00

1/ The completed work constitutes the unit.
2/ Includes mobilization and demobilization of bulldozer of at least D-6 or equivalent size.
3/ The compressor-toolhouse shall be of wood construction, and approximately 20 feet by 30 feet in floor area.

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

February 21, 1957

MASTER COPY DMEA FEB 25 1957		
DATE	INITIALS	CODE

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

Re: Docket No. DMEA-4504 (Tungsten)
Cordero Mining Company
Wild Horse Mine
Custer County, Idaho
Contract No. Idm-21055

Dear Mr. Selfridge:

Enclosed are the Government, Docket and Division copies of the above-referenced contract signed by S. H. Williston, Vice-President. All copies of the Consent to Lien attached to the contract when received in this office have been removed and new copies of Consent to Lien for all claims involved in the contract have been put in their place.

The new Consent to Lien includes the words "none other" at the end of a statement in item 4 which is understood by the Operator as meaning that Mrs. Afton McBride is the sole heir of Leo McBride and that there are no outstanding debts, taxes, etc., due on the claims; also the Steep Climb No. 16 claim has been added.

We are returning the old Consent to Lien to you for whatever disposition you care to make.

By Field Team, Region I, MW District

King G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren, Acting Member
U. S. Geological Survey

Enclosures

cc: USBM (2)
USBM (AD)
Nickelsen

S. H. WILLISTON
VICE-PRESIDENT

CORDERO MINING COMPANY

3 UNIVERSITY PLACE
PALO ALTO, CALIFORNIA

February 18, 1957

EXTRA COPY DMEA RECEIVED		
DATE	INITIALS	CODE

Dr. A. E. Weissenborn, Executive Officer
U. S. Geological Survey
United States Department of the Interior
No. 157 Howard Street
Spokane 1, Washington

Re: Defense Mineral DMEA-4504 (Tungsten)
Wild Horse Mine
Custer County, Idaho

Dear Dr. Weissenborn:

Enclosed please find five copies of Contract No. 1055 between Cordero Mining Company and Defense Minerals Exploration Administration. We are retaining one copy for our files.

Also enclosed is the original and four copies of Monthly Operating Report Forms MF-10A and MF-10A, with narrative description of progress for the month of January.

Enclosed also are five copies of Consent to Lien for all mining claims involved signed by [illegible] Rosenkrance, Bill Brooks, A. L. Hall, and Mrs. Alton McBride. After discussing the problem of Leo McBride's Estate transferred to his widow, Mrs. McBride, with George Selfridge in Washington, he advised that on the Consent to Lien, Paragraph [illegible] if there were no other liens, claims, etc., this could be inserted and it would satisfy the DMEA. You will note that this has been done.

In the future, all reports will be much more prompt and I hope to your complete satisfaction.

Very truly yours,

[illegible] Hilbert
Manager

JEH:sgp
Enc.

Special delivery & mail

1/16/57

Note to Operating Committee

Re: Docket No. DMEA-4504
Cordero Mining Company

I believe that the item of bulldozing for snow removal allowed in the contract should state whether the price and part of the number of hours may be used for mobilization and demobilization, or whether the man must put the full 100 hours or whatever he is to be paid for in actually removing snow.

I talked with Mr. Martin and he agreed that this note should be added so that after passing the Operating Committee he could send it to legal for clarification.

Your attention is also called to the lack of specifications for the building, and the contradictory description of the raising and drilling from the "adit" in one place and from the drift in another.

It might be advisable to explain to Weissenborn that salvage value has been taken into consideration in pricing the building.

J. L. Chambers

Contract No. Idm-E 1055

Docket No. 4504

DEPARTMENT OF THE INTERIOR

Approved contract

DEFENSE MINERALS EXPLORATION ADMINISTRATION

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please make the following entry on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program.

Date of Contract	Region	State	Commodity
January 17, 1957	I NW	Idaho	Tungsten

Name and Address of Operator: Cordero Mining Company
131 University Avenue
Palo Alto, California

	Reserve	Obligation
Prior Amount	0	0
Increase	$21,429.00	0
Decrease	0	0
Revised Amount	$21,429.00	0

Remarks:

ALLEN S. DAKAN
(Name)

Allen S. Dakan, Chief
Operations Control and
Statistics Division
(Title)

Date Delivered to Bureau of Mines, Washington 1/17/57

98963

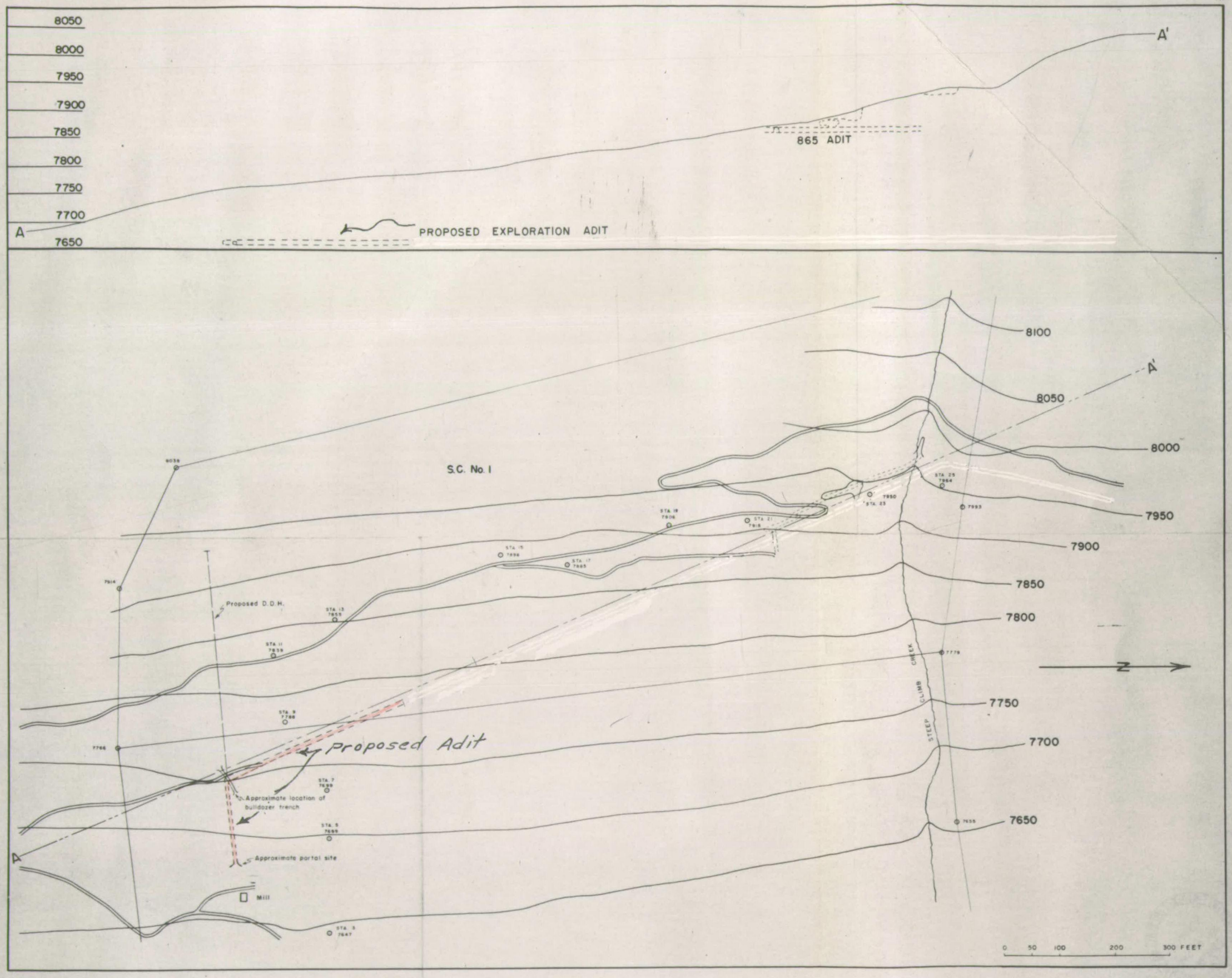

Plate 2. — WILDHORSE MINE "STEEP CLIMB" DEPOSIT — Cordero Mining Co., Custer County, Idaho

COPIED BY H.B.N. U.S.G.S.
FROM CORDERO MINING COMPANY

Plate 2

RECEIVED
FEB 25 1957
D.M.E.A.

Plate 2

U. S. DEPARTMENT OF THE INTERIOR

DOCKET NO. D.M.E.A. 4504 CONTRACT

PREPARED FOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

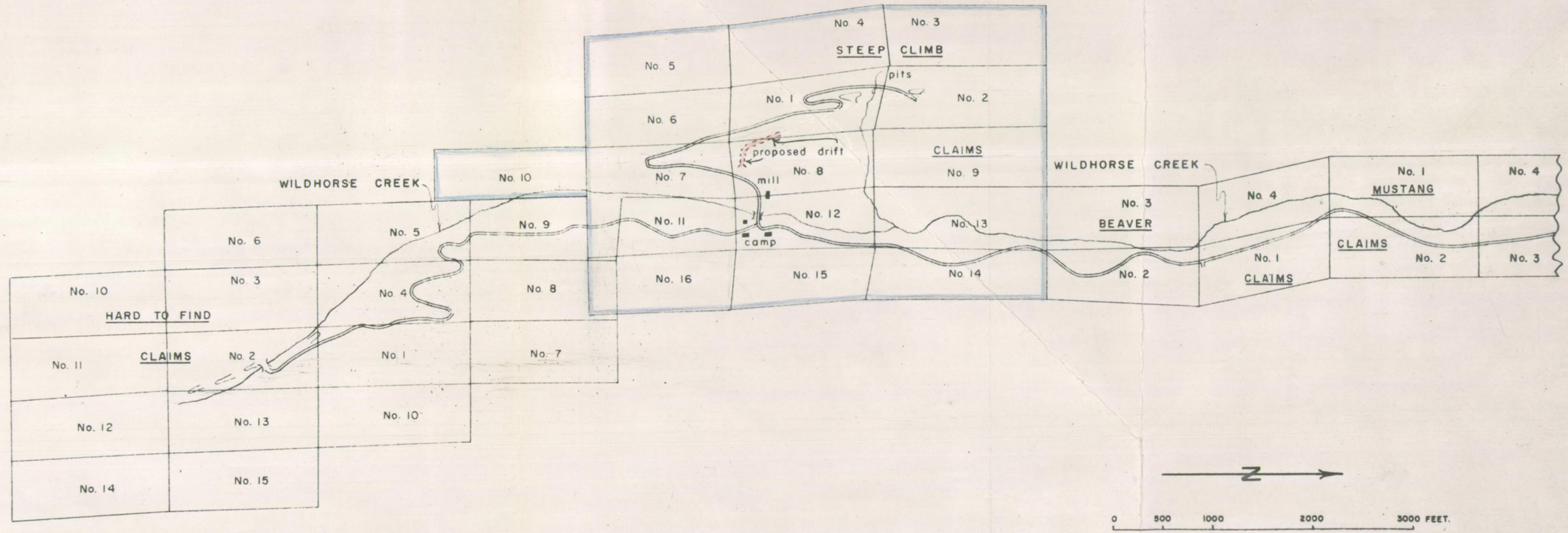

Plate 3 — CLAIM MAP OF THE WILDHORSE MINE — Cordero Mining Co., Custer County, Idaho

MAP SUBMITTED BY APPLICANT

Plate 3

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D.M.E.A.

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D.M.E.A.