UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (~~or cancelled~~) without certification. DMEA No. 2354

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

- ✓ Certificate of Audit (Final).
- Interim Audit(s).
- Report of Review.
- ✓ Closing letter
- Termination Notice or Agreement.
- Recision Notice.
- Assignment of Contract.
- ✓ Contract Amendments (latest on top).
- ✓ Contract with all exhibits and annexes.
- Owner's Consent to Lien.
- Subordination Agreement.
- Leases and assignments of leases.
- ✓ Application and attachments.
- Schedule of Collections.
- ✓ Operator's monthly reports and all attachments (latest on top).

Right Side

- ✓ Project summary.
- ✓ Work completed analysis.
- ✓ All other material is filed in chronological order with correspondence including the following reports as checked:
  - ✓ Final Field Team Report. (Tab)
  - Operator's Final Report.
  - ✓ Interim Reports.
  - ✓ On-site Exam Report(s). (Tab)
  - Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number _____

Operator's Monthly Reports in folder number _____

LWB
Reviewer's Initials

7973

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 15 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

CONTRACT ADMINISTRATION AND AUDIT DIVISION

AUDIT CERTIFICATE

I have examined the records and transactions of:

Hidden Hills Company,
a partnership composed of
L. A. Otterson and Bert Craig
and Roger C. Wilbur
P. O. Box 549
Colusa, California

Pertaining to Exploration Project Contract No. Idm-E332, Docket No. DMEA-2354, including Amendment No. 1, for the period June 2, 1952 to January 31, 1953, covering a project for the exploration of tungsten.

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

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

Total cost as billed by contractor	$11,999.89
Exceptions (see Audit Report for details) During this audit	178.27
Total accepted cost	$11,821.62

The contract calls for a 75 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Eight Thousand Eight Hundred Sixty-Six and 22/100 Dollars.

$8,866.22

is valid and proper.

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

George Mavor

George Mavor
Auditor

September 3, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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SEP 15 1953

I INTRODUCTION

On April 3, 1953, a final audit (covering the period June 2, 1952 to January 31, 1953) was made of the records and accounts pertaining to Exploration Project Contract No. Idm-E332, Docket No. DMEA-2354, including Amendment No. 1, with the:

Hidden Hills Company,
a partnership composed of
L. A. Otterson and Bert Craig
and Roger C. Wilbur
P. O. Box 549
Colusa, California

covering a project for the exploration of tungsten.

The accounting records under this contract are located in the company's office in Colusa, California.

During the course of the audit Mr. Roger C. Wilbur, a partner, was present and consulted as required. His cooperation and assistance greatly facilitated the audit.

II GENERAL INFORMATION ON RECORDS

The accounting records were adequate to properly account for the expenditures made for the exploration project. The operator did not maintain any general ledger; however, the cash disbursement register listed all checks issued and included amounts paid to employees on the payroll and payments to vendors for material purchases and other expenses chargeable to the cost of the exploration project.

The MF-104's were prepared at the end of each month by L. A. Otterson, partner, and had all of the necessary supporting documents attached. The operator also maintained files by months, which contained copies of invoices and other pertinent data for costs chargeable to the exploration project. These files were examined during the course of the audit.

III SCOPE OF AUDIT AND FINDINGS

The audit consisted of a complete analysis of all expenditures, in order to ascertain the accuracy, propriety and validity of the costs as shown in the "Totals to Date" column of Form MF-104, Operator's Monthly Report and Voucher, for the month of January 1953. The extent of the audit and the findings under each of the "Items of Cost" follows:

(2) Labor and Supervision $8,830.00

The payroll records for the period June 2, 1952 to January 31, 1953, were examined and the payroll charges under this category was made up as follows:

	Labor	Supervision	Total
Preparation of Road, Tramway & Shaft Site	$2,910.00	$1,470.00	$4,380.00
Sinking Shaft 66 ft.	3,420.00	1,030.00	4,450.00
Total	$6,330.00	$2,500.00	$8,830.00

A daily time record was maintained by the superintendent at mine site, which was the basis for the preparation of semi-monthly payroll prepared at company office in Colusa, California. The payroll showed name, occupation, hours, rate and payroll deductions. During the course of the audit these payrolls were examined, together with cancelled payroll bank checks and employees earnings records. The wage rates paid were in agreement with the wage rates allowed by the contract.

(3) Operating Materials and Supplies $1,655.08

A complete examination was made of invoices charged to this category, which included the verification of footings and extensions, together with examination of cancelled bank checks. The project did not maintain any stores account, and all purchases were charged to the cost of the project. The type of material purchased and used is as follows:

Timber		$ 194.18
Explosives		203.68
Cable		
1200 ft. 5/16 wire rope	$143.99	
1200 ft. 5/8 wire rope	262.65	
30 cable clamps	9.57	416.21
Hoisting Bucket		110.00
Gas, Oil, Bolts, Nails		
Gasoline & Oil	462.84	
Bolts & Nails	22.54	485.38
Miscellaneous		
Water	7.00	
Oxygen, Acetylene & Welding Rod	29.08	
2 - Batteries	38.59	
Sheet Steel	34.05	
2 - Drilling Water Tanks	50.00	
1 - Liner Water Hose & Pressure Tank	50.00	
Other	36.91	245.63
Total		$1,655.08

The operator did not have any material on hand in which Government would benefit from the sale or disposal of property.

(4) Operating Equipment $663.60

The above amount of $663.60 represents depreciation on equipment owned by the operator and is comprised of the following items:

	Period		Rate	Depreciation
2 Ton Truck	5 mo.	at	$50.00	$250.00
1 Jeep	5 mo.	at	30.00	150.00
1 Jackhammer	4 mo.	at	10.00	40.00
1 Compressor	8 mo.	at	20.22	161.76
1 Tram Hoist	8 mo.	at	7.73	61.84
Total				$663.60

The depreciation charges are in accordance with contract terms and Amendment No. 1 of the contract.

(7) Miscellaneous $672.94

The audit of miscellaneous charges included an examination of invoices, cancelled bank checks, and other supporting data pertaining to payroll taxes and compensation insurance.

The audit disclosed that the costs shown under this item on the January 1953 MF-104 as compared to the costs properly chargeable, and allowable, under the terms of the contract to be:

	Charged	Not Allowable	Allowable
Repairs to Equipment	$312.85	$176.49	$136.36
Sampling and Analysis	12.00		12.00
Payroll Taxes	266.91	1.05	265.86
Liability Insurance	259.45	.73	258.72
Total	$851.21	$178.27	$672.94

The disallowance of $176.49 covering repairs to equipment comprise the following items:

Repairs to Jeep

1 Jeep Spring, Labor, etc.	$16.24	
1 New Generator, Labor, etc.	40.47	
1 Frame	2.19	$ 58.90

Repairs to Jeep (brought forward)			$ 58.90
Repairs to Hoist			
Material, etc.	$41.88		
Welding & Cutting 25 hrs. at $2.50	62.50	$104.38	
3-1/2' Brake Lining & Labor		6.71	
Brazing Wheel		4.50	
Other Parts		2.00	117.59
Total			$176.49

The above repairs were made during June 1952 and the contract operations commenced June 2, 1952, therefore, it would appear the jeep and hoist should have been in operating condition and not requiring extensive replacement parts such as set forth above. Under the circumstances, the sum of $176.49 has been disallowed.

The payroll taxes and liability insurance disallowances are accounted for as follows:

Transportation Charge $25.00 P/R Taxes at 4.2% =	$1.05
Transportation Charge $25.00 Liab. Ins. at 2.93% =	.73
Total	$1.78

The transportation charge of $25.00 had been included with labor costs in error and the payroll taxes and liability insurance had been computed on this item in error, hence the disallowance.

During the course of the audit the payroll taxes and liability insurance were verified by computation at the rates used by operator, which were as follows:

Social Security Tax	1.5%	
Unemployment: California	2.7%	4.2%
Workmen's Compensation - Flatrate		2.93%

Payroll tax deductions were not made from the salary aggregating $2,500.00 paid to Bert Craig, a partner employed as superintendent, however, the workmen's compensation rate was applied to his salary due to the operation risk involved.

The sampling and analysis charge in amount of $12.00 was a payment to Ed Eisenhauer Jr., Los Angeles, California, and represented assay work allowed under contract terms.

The adjustment between Items of Cost, as shown on the January 1953 MF-104, the recommended disallowances, and approved amounts, are summarized as follows:

	Totals Jan. MF-104	Distribution Corrected	Disallowed by Audit	Allowed by Audit
(2) Labor and Supervision				
Labor	$ 6,355.00	$ 6,330.00	$	$ 6,330.00
Supervision	2,500.00	2,500.00		2,500.00
(3) Operating Materials & Supplies				
Timber	196.97	194.18		194.18
Explosives	203.68	203.68		203.68
Cable	416.21	416.21		416.21
Hoisting Bucket	110.00	110.00		110.00
Gas, Oil Bolts & Nails	479.28	485.38		485.38
Miscellaneous	226.73	245.63		245.63
(4) Operating Equipment				
Depreciation	663.60	663.60		663.60
(7) Miscellaneous				
Repairs to Equipment	310.06	312.85	176.49	136.36
Sampling & Analysis	12.00	12.00		12.00
Payroll Taxes	266.91	266.91	1.05	265.86
Liability Insurance	259.45	259.45	.73	258.72
Totals	$11,999.89	$11,999.89	$178.27	$11,821.62

The audit also disclosed that the status as of January 31, 1953 "allowable maximums" under this contract was as follows:

Item	Allowable Maximum	Total Costs	Balance
Supervision	$2,500.00	$2,500.00	$ - 0 -
Labor	7,120.00	6,330.00	790.00
Operating Mat'ls & Supplies	2,700.00	1,655.08	1,044.92
Depreciation	819.45*	663.60	155.85
Rented Equipment	300.00*	- 0 -	300.00
Purchased Equipment	1,000.00*	- 0 -	1,000.00
Rehabilitation & Repairs	200.00	- 0 -	200.00

*These figures are shown under contract and Amendment No. 1, as "allowable maximums."

The operator did not have any costs chargeable to Rented Equipment, Purchased Equipment or Rehabilatation and Repairs.

At the conclusion of the audit, the findings were discussed with Mr. Roger C. Wilbur, a partner in the enterprise.

George Mavor

George Mavor
Auditor

September 3, 1953

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

SEP 17 1953

Mr. George Mavor
DMEA Auditor
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Idm-E332, DMEA-2354
Hidden Hills Company

Dear Mr. Mavor:

Receipt is acknowledged of your Audit Report and Audit Certificate covering the above-cited project.

The Report and Certificate are accepted and distribution may be made in the normal manner.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

WBorovies/wb
September 17, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

400

FILE COPY
SURNAME:

Chapman
Martin
Chamberlin
O'Rourke
Porter

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

OCT - 7 1953

Mr. L. A. Otterson, Secretary-Treasurer
Hidden Hills Company
P. O. Box 549
Colusa, California

Re: Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
San Bernardino County, California
Contract Idm-T332

Dear Mr. Otterson:

This is with reference to the subject exploration project contract between the Hidden Hills Company and the Government.

The final audit of the contract expenditures and the final report of the Operator and the Field Team have been received and accepted by this Administration. Of the total amount of $16,800.00 approved under the contract, the sum of $11,821.62 was expended, 75 percent of which, or $8,866.22, represented the Government's share. The Government's interest in all property acquired under your contract has been waived and a signed copy of the waiver has been mailed you by the Executive Officer of Region III. The exploration work was carried out in substantial compliance with the contract.

Because the results of the exploration were unfavorable, it is not our intention to make 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 Article 5(d) of the contract, which requires the Operator to "keep and preserve said records and accounts for at least three years after the completion of the project or the termination of this contract."

Your interest in the Exploration Program of the Defense Minerals Exploration Administration and your willingness to participate therein are appreciated.

Sincerely yours,

C. O. Mittendorf
Administrator

TLChapman/ls

cc: Docket
FT, Reg. 3
Code 400
Adm. Read. File
Code 800
Oper. Comm.
R. W. Geehan, USBM
Mary Miller, USGS

10-7-53

Government's Copy

EXPLORATION PROJECT CONTRACT
HIDDEN HILLS COMPANY
DOCKET NO. DMEA-2354

AMENDMENT NO. 1

It is agreed this 22nd day of April, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Hidden Hills Company, that effective June 2, 1952, the Exploration Project Contract No. Idm-E332, dated June 2, 1952, is amended as follows:

1. In Article 3 of the contract form, delete the period "eight (8) months" and substitute "sixteen (16) months."

2. During the period February 2, 1953, to May 1, 1953, the project work shall be recessed without any obligation on the part of the Government for any costs incurred by the Operator during that period. The Operator shall resume work on or before May 1, 1953, only if the Government approves it in advance.

3. In Exhibit "A" under (4) Operating Equipment, Owned by the Operator, add:

	Replacement Value
1 - 105 cu. ft. compressor	$1,213.21
1 - Tram hoist	463.50
	$1,676.71

Depreciation, 10 months, 1/60 per month $279.45*

4. In Exhibit "A" under (4) Operating Equipment, to be Rented, delete:

1 - 105 cu. ft. compressor, 4 mo. @ $160.00/mo. $640.00

5. In Exhibit "A" under (4) Operating Equipment, to be Purchased, delete:

1 - Tram hoist $250.00

6. In the event that the Government does not approve the resumption of work, as provided in paragraph 2 of this amendment, the contract shall be considered terminated without further notice by the Government, and the following considerations shall apply:

(1) Any work prosecuted or costs incurred by the Operator after May 1, 1953, shall be for the sole account of the Operator, except for (a) such necessary and reasonable costs and expenses as may be incurred in disposing of any facilities, buildings, fixtures, equipment, or other items, to the cost of which the Government has contributed and in which the Government has an equity, and (b) the costs of any reports, accounts, and winding-up and settlement actions provided for in the contract.

(2) The undersigned Operator hereby releases and agrees to save harmless the Government from all claims and demands under or arising out of said Exploration Project Contract, except as herein expressly otherwise provided.

THE UNITED STATES OF AMERICA

By _____
Administrator, Defense
Minerals Exploration
Administration

HIDDEN HILLS COMPANY

By _____

AMENDMENT NO. 1

Docket No. DMEA-2354 Mineral Tungsten

Exploration Project Contract Idm-E332

Date of Contract June 2, 1952

Date of Amendment April 22, 1953

Operator Hidden Hills Company

JUSTIFICATION

Government approval to continue work on this project after May 1, 1953, was not granted; to close the books it was necessary to amend the contract for the following reasons:

The contract allows the Operator to rent a compressor for 4 months at $160 a month $640.00. Instead of renting a compressor as the Operator intended at the time he made application for a loan, he purchased a compressor prior to the date of the contract for $850.00, plus immediate repairs of $363.21, or a total cost for the compressor in running order of $1213.21. The Operator now desires to claim depreciation on the compressor of 1/60 of $1213.21 per month for 8 months or $161.76.

The Operator intended originally and was allowed by the contract to purchase a tram hoist for $250.00. Instead he purchased a used hoist prior to the date of the contract for $463.50. He is now desirous to be allowed depreciation on this hoist for 8 months or $61.80.

H. C. Miller, Executive Officer
DMEA Field Team, Region III

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

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

September 3, 1953

Mr. L. A. Otterson
Secretary-Treasurer
Hidden Hills Company
P. O. Box 549
Colusa, California

Re: Docket DMEA-2354 (Tungsten)
Hidden Hills Company
San Bernardino County, California
Contract Idm-8332

Dear Mr. Otterson:

In order to close our books on the subject exploration project contract we are waiving the Government's interest in all property acquired under your contract. A copy of the waiver is attached.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Enclosure

Copy to: DMEA, Washington, D. C.
E. H. Bailey, USGS
A. C. Johnson, Reno
F. Horton
George Mavor

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
Library
SEP 8 1953

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

To: Hidden Hills Company
(A partnership composed of
L. A. Patterson, Roger F. Wilbur,
and Bert Craig)
P. O. Box 549
Colusa, California

The United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, for valuable consideration hereby sells, assigns, transfers and sets over to you all of its right, title and interest in all property acquired under Exploration Project Contract IDM-8352, Docket DMEA-2352, dated June 2, 1952.

Dated September 3, 1953 THE UNITED STATES OF AMERICA

By H. C. MILLER
H. C. Miller
Executive Officer
DMEA Field Team, Region III

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

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
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1952 JUL 17 AM 11:34

SAN FRANCISCO, CALIFORNIA

DOCKET NO. DMEA 2354

COMMODITY Tungsten
IdmE-332

GOVERNMENT'S COPY

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

EXPLORATION PROJECT CONTRACT [1]

IT IS AGREED this 2nd day of June, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Hidden Hills Company, a partnership composed of L. A. Otterson and Bert Craig and Roger C. Wilbur, P. O. Box 549, Colusa, California

hereinafter called the "Operator," as follows:

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

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of California, County of San Bernardino, described as follows: [3] Packard No. 1, Packard No. 2, Birthday Star and Mill Pond mining claims located in Sec. 4; T. 5 N.; R. 17 E. in the Danby Mining District. The property is in the Old Woman Mountains and is about 20 miles southeast of the town of Danby on the Parker cutoff branch of the Santa Fe Railroad (see attached areal map). The property is further described in Annex I, attached hereto and made a part hereof.

the Operator represents and undertakes: [4]

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

None

(*b*) [redacted]

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

ARTICLE 3. *Exploration project.*—The Operator, within thirty (30) days from the date of this contract shall commence work on a project of exploration for [5] tungsten

in or upon the described land; and shall bring the project to completion within a period of eight (8) months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 8. *Payments by the Government.*—(*a*) The Government will pay 75 percent of the allowable costs incurred, as they accrue, in an aggregate total amount not in excess of $12,600.00, which is 75 percent of $16,800.00, the agreed, estimated total cost of the project in which the Government will participate; *Provided,* that until the Operator's final report and final accounting have been rendered to the Government, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract.

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 13. *Changes and added provisions.* _____

Executed in sextuplicate the day and year first above written.

HIDDEN HILLS COMPANY

By L. A. Otterson

By Bert Craig

By Roger C. Wilbur

THE UNITED STATES OF AMERICA

By C. D. Mitteudorf
Acting Administrator, Defense Minerals Exploration Administration

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

_____

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66328-1

ANNEX I

The unpatented claims, Packard (also known as Packard No. 1), recorded in book 323, page 241; Packard No. 2, recorded in book 323, page 242; and Mill Pond recorded in book 323, page 399, of the Mining Records of San Bernardino, California.

The Packard (also known as Packard No. 1) and the Packard No. 2 cover all the ground previously covered by the Birthday Star claim.

EXPLORATION PROJECT CONTRACT
HIDDEN HILLS COMPANY
PACKARD NO. 1 & NO. 2 CLAIMS
DOCKET NO. DMEA - 2354

EXHIBIT "A"

Description of the Work

Time Schedule: 0 - 5 months

This project will consist of sinking a 100 foot, 45 degree, inclined shaft, and drifting for about 150 feet along a tactite vein showing scheelite. The shaft will be located at a point about 45 feet east of the intersecting granite dike (see attached idealized sketch map).

The shaft and drift shall be sampled at 5 foot intervals under the supervision of the Field Team. Each sample will be divided into two parts, one to go to the Field Team and the other to the Operator.

Preparation for this work will necessitate building about 1/4 mile of new road, repairs on old road, camp rehabilitation, building 800 feet of aerial tram and construction of head frame for shaft.

The location, direction and extent of all work shall be subject to the approval of the Government.

Estimated Cost of the Project

(* Indicates allowable maximum)

(1) Independent Contracts

None

(2) Labor, Supervision, Consultants

1 - Supervisor @ $500.00/mo.,* 5 Mos.	$2,500.00*
2 - Miners @ $16.00/day each including overtime, 100 days each	3,200.00
1 - Hoistman @ $15.00/day including overtime, 100 days	1,500.00

1 - Cook @ $250.00/mo., 5 mos.	$ 1,250.00	
1 - Construction man @ $20.00/day including overtime, 20 days	400.00	
1 - Helper @ $14.00/day including overtime, 20 days	280.00	
1 - Laborer @ $14.00/day including overtime, 20 days	280.00	
1 - Tractor operator @ $21.00/day including overtime, 10 days	210.00	$ 9,620.00*

(3) Operating Materials and Supplies

Timber, 3,000 board feet @ $125.00/1000	375.00	
Cable, 800' - 5/8", 800' - 5/16"	440.00	
Cable, 200' - 5/8", hoisting	60.00	
Powder, fuse, caps	525.00	
Gasoline, oil, steel and bits, tools, nails, bolts, etc.	525.00	
Rail, fish plates, bolts, spikes	125.00	
2 - 1,000 pound hoisting buckets	200.00	
Sheave wheel, bucket truck	150.00	
Tram sheaves, carrier, anchors, etc.	100.00	
Miscellaneous	200.00	2,700.00*

(4) Operating Equipment

Owned by the Operator[1]	Replacement Value	
1 - 2-ton truck	$3,000.00	
1 - Jeep	1,800.00	
	$4,800.00	
Depreciation, 5 months, 1/60 per mo.		400.00*
1 - Tractor with bulldozer $12,000.00		
Depreciation 15 days, 1/60 per mo.		100.00*

[1] The monthly depreciation allowance is chargeable only for the months in which the Operator's equipment is used for the benefit of the project.

1 - Jackhammer and accessories $600.00		
Depreciation, 4 mos., 1/60 per mo.	$ 40.00*	$ 540.00*
To be rented:		
1 - 105 cu. ft. compressor, 4 mos @ $160.00/mo.	640.00	
Camp rental, 5 mos. @ $60.00/mo.	300.00	940.00*
To be purchased:		
1 - Tram hoist	250.00	
1 - Mine hoist	1,000.00	1,250.00*
(5) Rehabilitation and Repairs		
Camp rehabilitation		200.00*
(6) New Buildings, Improvements, Installations		
None		
(7) Miscellaneous		
Repairs	200.00	
Compensation Insurance, Social Security, Employees Liability Insurance, etc.	860.00	
Accounting	100.00	
Assaying, 50 samples @ $4.00/ea.	200.00	1,360.00
(8) Contingencies		190.00
Total cost of project		$16,800.00*
Government participation @ 75 per cent		$12,600.00*

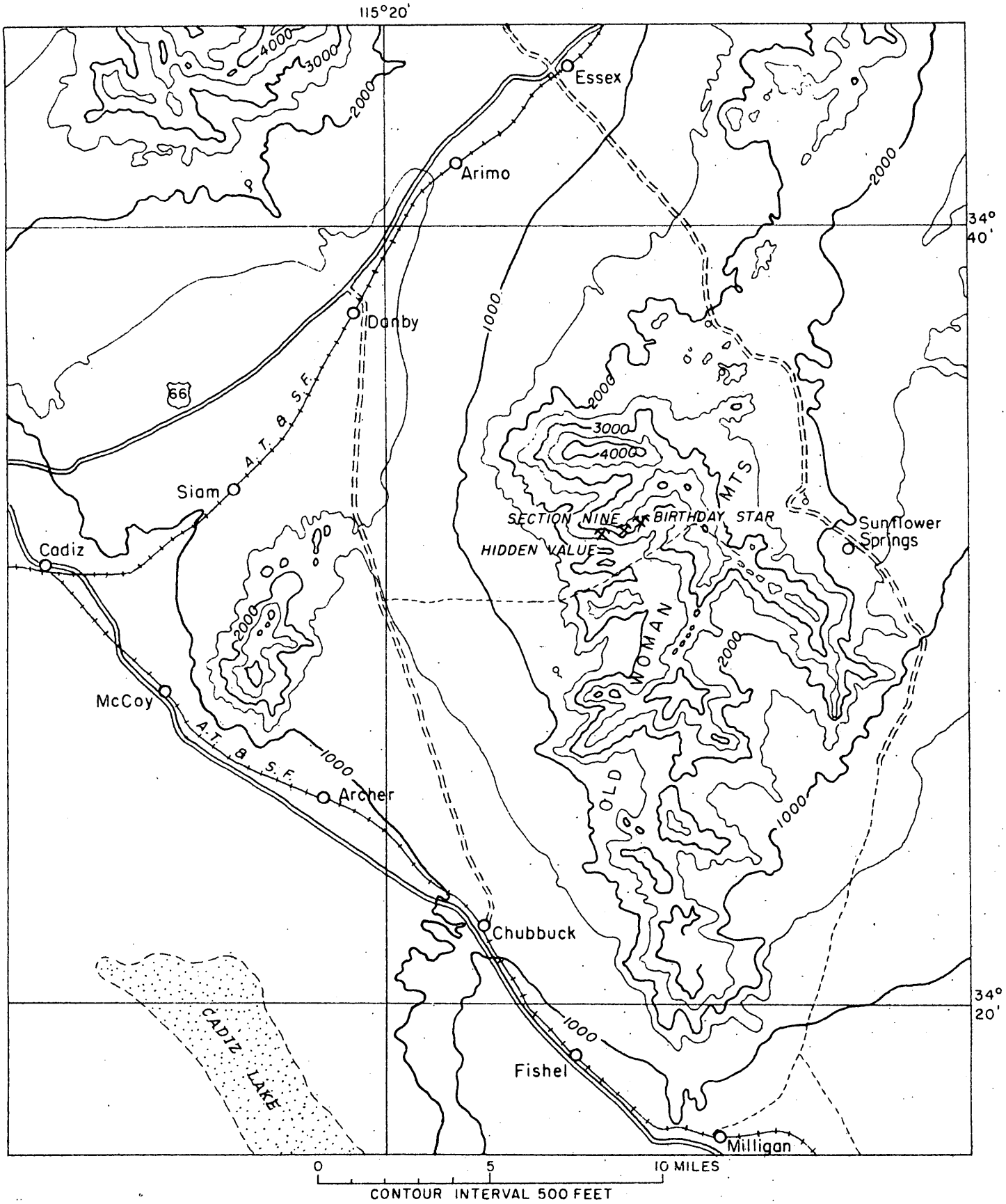
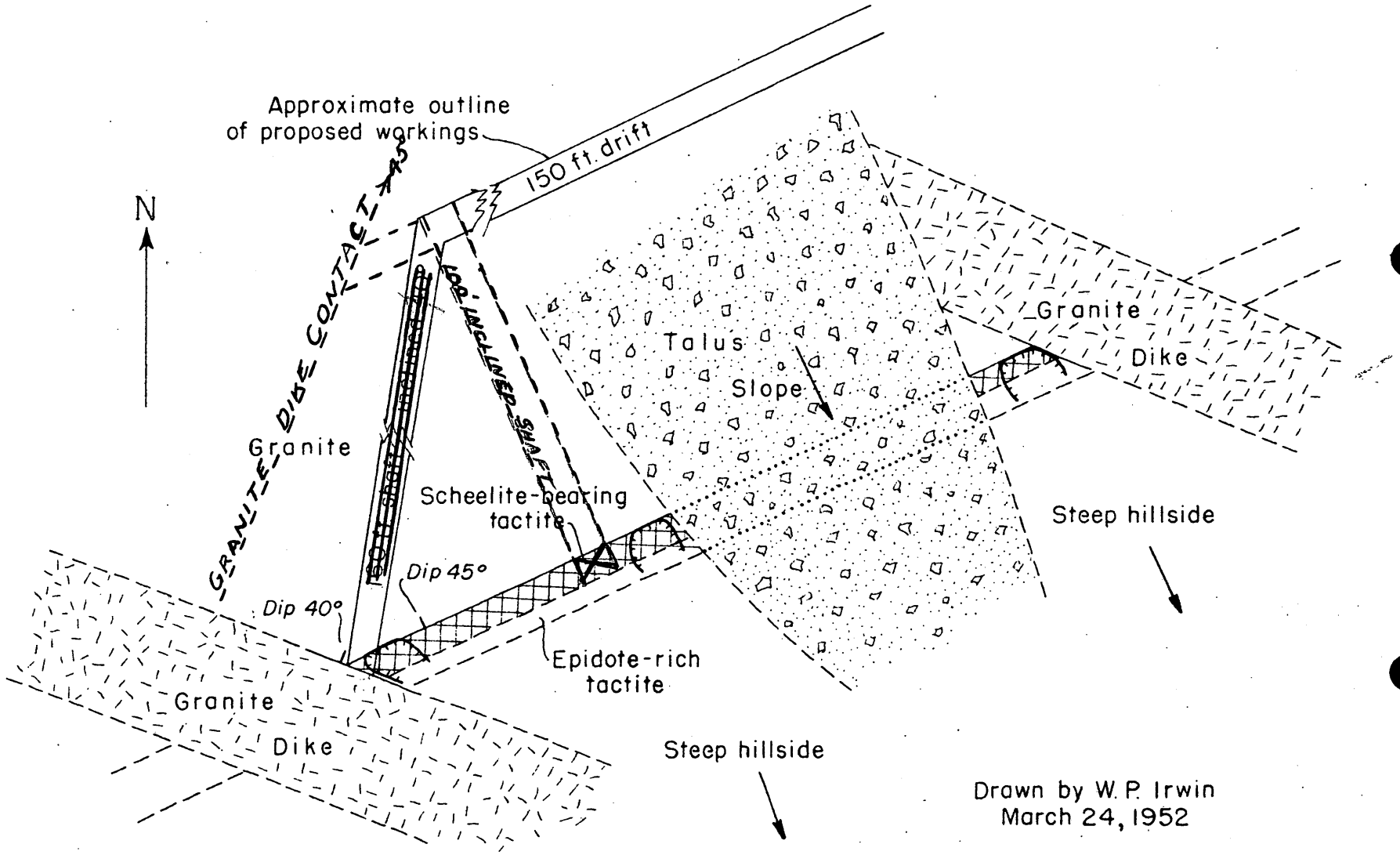


PLATE I. MAP SHOWING LOCATION OF TUNGSTEN DEPOSITS IN THE OLD WOMAN MOUNTAINS SAN BERNARDINO COUNTY, CALIFORNIA

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 2354
(TUNGSTEN)



Drawn by W. P. Irwin
March 24, 1952

IDEALIZED SKETCH OF BIRTHDAY STAR TUNGSTEN PROSPECT
SAN BERNARDINO COUNTY, CALIFORNIA

0 30 60 90 Feet

PLATE 2.

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

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

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

Not To Be Filled in by Applicant

Docket No. DMEA 2354
Metal or Mineral
Date Received 1-29-52
Amount $
Participation (Government %)

JAN 29 1952
Defense Minerals Administration

Hidden Hills Company
P. O. Box 549
Colusa, California

Name and address of applicant

Date January 22, 1952

If you have already filed MF-100, give date filed January 22, 1952 type of assistance requested ,

DMA Docket Number (if available)

INSTRUCTIONS

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

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

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

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

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

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

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

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

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

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

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

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

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

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

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

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

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

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

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

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

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

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

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

CERTIFICATION

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

Hidden Hills Co.
(Name of company)

By Roger C. Wilbur
(Signature of authorized official)

1-22-1952
(Date)

Partner
(Title)

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

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

Hidden Hills Company
P. O. Box 549
Colusa, California

1. Description of real property:
   (a) Packard No. 1, Packard No. 2, Birthday Star and Mill Pond Mining Claims, located in Section 4, Township 5 N, Range 17 E.
   (b) Applicants are owners of the property.
   (c) Exploration is being conducted on Packard No. 1, Packard No. 2 and Birthday Star Claims. Mill Pond Claim is for road purposes in connection with exploration.

2. (a) We expect to find tungsten (WO_3).
   (b) There is a vein of epidode running the entire length of the property at approximately an 80° angle and with tungsten values on the surface at several points as shown on sketch. Values average 4 feet in thickness. Copy of assay sketch and Form MF-100 are filed with this form. They do not have to be returned as we have other copies in our files.

Hidden Hills Company
P. O. Box 549
Colusa, California

3. (a) The proposed exploration work:
Repair of desert road, repairing camp, building 1/4 mile new road, installing 800 ft. cable from end of road to project site, sinking shaft to determine depth of ore at one or more locations and running crosscut from side of mountain to intersect vein if so indicated by sinking of shaft.
The total cost of the project is estimated to be $48,170.00.
(b) This project would be started as soon as this application is approved, and should be completed within one year.

4. Sketch of property involved showing location of ore and proposed exploration work is attached to this application.

5. Existing facilities on or near the property are as follows:
Mining camp together with water supply for same. This camp needs approximately $500.00 worth of repair work to put it in useful and operable condition.

Hidden Hills Company
P. O. Box 549
Colusa, California

6. Additional facilities to be purchased and installed	Estimated Cost
1. Pump for domestic water supply for camp	$ 500.00
2. Approximately 1/4 mile of road	2000.00
3. 800 feet of cable from end of road to exploration site to be purchased and installed together with necessary anchorage and towers on each end	3000.00

A cable will be used to install necessary equipment for exploring claims.

7. (a) Equipment to be rented:
Compressor - Cost $2000.00
Rent for the Camp - Cost $700.00

(b) Operating Equipment to be purchased:
Hoist - Cost $1000.00

(c) Operating Equipment to be furnished by applicants:
Two ton truck for hauling equipment - 1 year's rent $1000.00
Jeep - 1 year's rent $1500.00
Tractor with dozer - 30 days rent $1500.00
Jackhammer and miscellaneous drilling equipment - 1 year's rent $1000.00

Above rental on equipment may be adjusted if not in accord with government schedules.

8. Labor Schedule:
   1 miner - $18.00 per day - $6480 a year
   1 miner, 6 months - $18.00 per day - $3240 a year
   1 mucker - $15.00 per day - $5400 a year
   1 mucker, 6 months - $15.00 per day - $2700 a year
   1 laborer - $12.00 per day - $4320 a year
   1 supervisor - $18.00 per day - $6480 a year
   Other labor - $1000

9. List of materials, supplies, etc.:

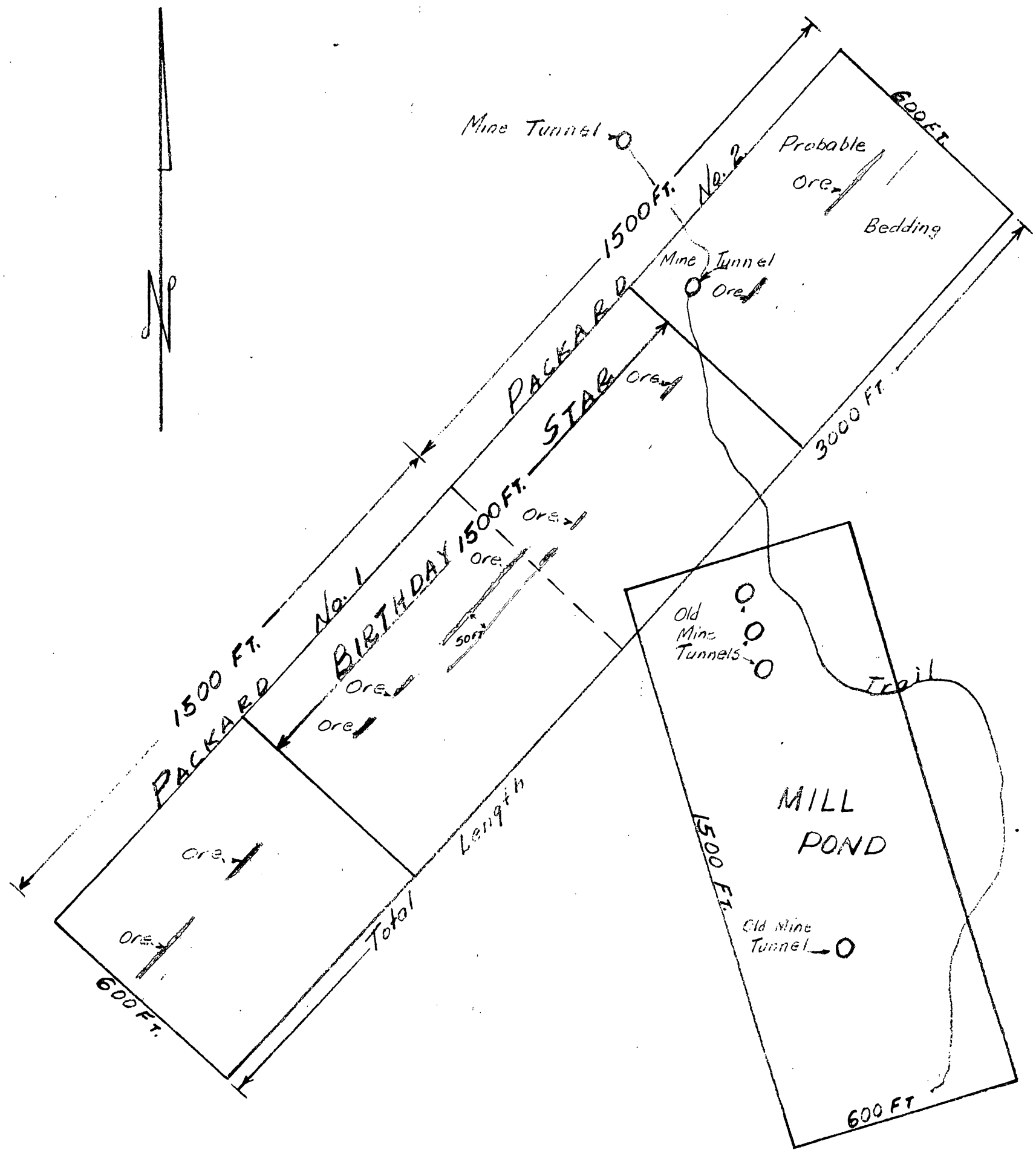
Pipe, tanks, water pump and ventilating air line for drilling	$1000.00
Powder, caps and other blasting supplies	250.00
Rail and mining cars	500.00
Engineering and assaying	500.00
Accounting	100.00
Miscellaneous other mining supplies	1000.00
Freight and transportation	500.00

10. (a) We are prepared to invest in the proposed project 25% of the above total cost under 3a which is $12,042.50.
We anticipate using operating equipment now owned by applicant with a reasonable rent to be charged toward applicant's share of cost of the project.

(b) Actual monies paid out plus rentals of equipment will pay our part of the cost of the project in accordance with regulations on Governmental participation (Section 9 of MO-5).

11. Applicant feels that an examination of the property by Defense Minerals Administration Engineers will show that project is warranted.

Costs as shown above are estimated and applicant believes they are fairly accurate.



TUNGSTEN CLAIMS, DANBY MINING DIST.,
SAN BERNARDINO CO., CAL.
SCALE 1" = 300 FT.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2354

Date received 1-29-52

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 1952

Hidden Hills Company
P. O. Box 549
Colusa, California

Name and address of applicant

Date January 22, 1952

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

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

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
L. A. Otterson	Partner	None	295,016				
Roger C. Wilbur	Partner	None	1,286,918				
Bert Craig		None to date	25,000				
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	1000	2.5% WO_3 (50#)	$160	$150	$ 30
Indicated (probable)	10000	2.5% WO_3 (50#)	$160	$150	$ 30

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

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

14. Water Supply:

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

15. Power:

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

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

Hidden Hills Co.
(Name of company)

By Roger C. Wilbur
(Signature of authorized official)

Jan. 22, 1952
(Date)

Partner
(Title)

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

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

Hidden Hills Company
P. O. Box 549
Colusa, California

1. Materials produced:
   (a) Tungsten (WO_3) will be produced.
   (b) No byproducts known.

2. Name and type of mine:
   Packard No. 1, Packard No. 2, Birthday Star and Mill Pond - all hard rock claims. No tungsten mining has ever been done on the property. There are some old shafts and tunnels which were used in a silver operation. All work on the tungsten deposits have been on the surface. No mill or smelter on property.
   (a) None
   (b) None
   (c) None
   (d) None
   The mine is not flooded.

3. (a) About 20 miles northeast of nearest town of Danby.
   (b) Danby mining district.
   (c) Township 5 N, Section 4, Range 17 E.
   (d) San Bernardino County, California

4. (a) Property is not in operation.
   (b) We will operate the property as owners.

5. Number of years in production - none
   Estimated date when production will begin - January 1, 1953.

6. Experience of operators:
   (a) Applicants: Two years mining experience, twenty years experience by Mr. Wilbur in general business, finance and management. Mr. Otterson, a graduate engineer, conducts an aluminum foundry business and factory as well as extensive farming operations.
   (b) Mr. Craig, manager of the project is a miner of 20 years experience in tungsten mining and has helped develop several successful operations.

7. History:
   (a) These deposits were purchased from the former owner who filed on them in 1933, but did not explore them for tungsten as he was only interested in gold and silver, which is found in low-grade ore on the property. The former owner is now operating tungsten mines on property joining these claims on the west. There has been no development, operation or production from the property. Loose overburden has been removed from a portion of the vein and it has been sampled by applicants.
   (b) Properties on the same tungsten bearing vein are being successfully worked on adjoining properties on both sides of the property. They are producing 1% to 5% ore but are both slow in development because of lack of funds.
   (c) Assay reports from Packard No. 1 and Packard No. 2 are attached to application. Two tungsten mine and mill operators have tried to lease or buy this property, but

7. (c) continued.
they only wanted to take out surface ore. From the experience obtained by other miners on the same vein, we feel it would be foolish to take out the surface ore without first exploring the claims to find out the tonnage and value as far as possible. Costs of shipping and milling a comparatively small tonnage would probably use up most of the value of the ore. Assays of the ore sampled have run from 1.82% to 5.52% WO_3.

8. Shown on Form.

9. This question inapplicable.

10. No production.

11. This question inapplicable.

12. Ore or Mineral Reserves:
(a) The scheelite in this deposit is found at various parts of a vein of epidode which extends for several miles in an easterly and westerly direction across the Old Woman Mountains. On the claims owned by applicant the ore is from 4 feet to 6 feet in thickness and is on about an 80° angle. Approximately 1000 tons of ore is in sight on the surface. We think that several thousand tons will be disclosed by exploration. The largest ore body is 200 feet long and averages 4 feet thick. The depth of the ore is a factor which can be answered only by the exploration. It may be from 50 feet to 1000 feet according to mining men and engineers who are familiar with the district. Average content of WO_3 in the ore tested to date is 3.28%. Molybdenum less than 1%. Ore is slightly stratified and varies from 1% to 10% WO_3.
(b) Shown on form.
(c) Does not apply.

13. Access Roads:
20 miles to shipping point on Santa Fe Railroad of which 15 miles is fairly good road. About 5 miles very poor road. Sixty miles to Needles, nearest supply city. Most supplies will be obtained at Essex, a small settlement on railroad 27 miles from mine. Employees will live in an old mining camp about one mile from property.

14. Water Supply:
Sufficient water available from spring and wells for all uses except milling. Water available for milling purposes at two points on railroad about 20 miles from property.

15. Power:
None used at present but will be gasoline or diesel.

16. Does not apply to present operations.

17. Equipment and facilities:
A mining camp in fairly good condition is available for rent within one mile of the property. A jackhammer, drills and miscellaneous other drilling equipment is now owned by applicants. Applicants also own a jeep, small truck, diesel engine and caterpillar with dozer, all available for this operation.

18. There are no particular conditions affecting the operation that are not described above.

C
O
P
Y

NEVADA MINERAL LABORATORIES

336 Morrill P. O. Box 387 Phone Reno 21001
Reno, Nevada

ASSAY CERTIFICATE

Hidden Hills Company 1-14-52

Mark	WO_3 Per Cent	Per Cent Molybdnum
Packard 1	5.52	
2	2.70	
3	1.82	0.10

Remarks: There seems to considerable Florite in sample No. 3

Charges: $15.00

/S/ J. Benj. Parker

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1953 Docket No. DMEA 2354 Contract No. Idm-E332
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 549, Colusa, California
Contract Amount, $16,800.00 Government Participation: 75 % Amount, $12,600.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Distribution Corrected	Distribution Allowed by Audit	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	696.00	5659.00	6355.00	6,330.00		6,330.00
Supervision		2500.00	2500.00	2,500.00		2,500.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	7.03	189.94	196.97	194.18		194.18
Explosives	31.61	172.07	203.68	203.68		203.68
~~XXX Cable~~		416.21	416.21	416.21		416.21
~~XXXXHoisting Bucket~~		110.00	110.00	110.00		110.00
Gas,Oil,Bolts,Nails	71.96	407.32	479.28	485.38		485.38
Miscellaneous		226.73	226.73	245.63		245.63
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation *	663.60		663.60	663.60		663.60
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	8.66	301.40	310.06	312.85	176.49	136.36
Sampling and Analysis		12.00	12.00	12.00		12.00
Payroll Taxes	161.88	105.03	266.91	266.91	1.05	265.86
Liability Insurance **	(339.81)	599.26	259.45	259.45	.73	258.72
(8) Contingencies (specify):						
* Includes corrected Deprec. 6-1-52 to 1-31-53						
** Adjust Comp. Insurance						
TOTALS	1300.93	10698.96	11999.89	$11,999.89	178.27	$11,821.62

$1122.66 -178.27 944.39 1147.66

I certify that the above [illegible] correct and that payment therefor has not been received.

Date 4-14-53 *Payee Hidden Hills Co

Per [illegible] Title Partner

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

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

(Instructions on reverse)

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

$ 860 75

Signature (Authorized Certifying Officer)

Date SEP 14 1953 Vou. No. SF-Dmca-15

(See other side)

*$663.60 Depreciation includes $335.70 disallowed June, July [illegible] pending clarification

*** Labor $25.00 disallowed June, 1952 pending clarification now reimburseable under Misc. Supplies.

APR 2 [illegible]

(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. M1-8332 in accordance with the terms of the contract.

Signature A. G. Johnson Title Chief, Mining Div. Region III Date April 22, 1953.

A. G. Johnson

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date April 23, 1953

H. C. Miller

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MP-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 195 3 Docket No. DMEA 2354 Contract No. Idi-1332
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 549, Colusa, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	66 ft	1300.93	13 ft.	5980.25				
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1300.93		5980.25				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS								

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

Date 4-14-53 Operator Hidden Hills Co

Per [illegible] Title [illegible]

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

To accompany Forms MF-104 & 104A:

The activities and operations of the Hidden Hills Company on their claims in the Danby Mining District, San Bernardino County, California for the month of January, the closing month under the contract, was the sinking of the shaft to a depth of sixty-six (66) feet. It appears to have crossed the ore early in the shaft. The rock in the bottom of the shaft is granite, schist and some lime. There is also a showing of some epidote with a few scheelite colors.

Form MF-134 (Rev.)
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED FEB 6 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

MAR 16 1953

Month of December, 1952 Docket No. DMEA 2354 Contract No. Idn-E332
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 549, Colusa, California
Contract Amount, $ 16,600.00 Government Participation: 75 % Amount, $ 12,600.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	904.00	4755.00	5659.00			
Supervision	375.00	2250.00	2625.00	250.00	2500.00	2500.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	7.03	182.91	189.94			
Explosives	9.98	162.09	172.07			
~~Fire~~ Cable		416.21	416.21			
~~Work~~ Hoisting Bucket		110.00	110.00			
Gas, Oil, Bolts, Nails	22.56	384.76	407.32			
Miscellaneous		396.38	396.38			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	31.90	591.40	623.30	-0-	-0-	-0-
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment		664.61	664.61			
Sampling and Analysis		12.00	12.00			
Payroll Taxes		105.03	105.03			
Liability Insurance	39.94	559.32	599.26			
(8) Contingencies (specify):						
TOTALS	1390.41	10589.71	11980.12	1233.51	10,673.96	11,907.47

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

Date 2-1-53 *Payee Hidden Hills Co

Per [signature] Title partner

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

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

(Instructions on reverse)

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

$ 925.13

Signature [signature] (Authorized Certifying Officer)

Date MAR 2 1953 Vou. No. SF-DMEA-35

(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. Idm-8332 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div., Region III Date February 3, 1953.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date February 5, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-194A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
ACCOUNTS FEB 16 1953
MAR 16 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1952 Docket No. DMEA 2354 Contract No. Idr-3332
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 549, Colusa, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	53 ft	1390.41	0 ft	4679.32				
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
								TOTAL COSTS AUTHORIZED BY CONTRACT
TOTAL DISTRIBUTED COSTS		1390.41		4679.32				
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 2-1-53 Operator Hidden Hills Co

Per [illegible] Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

To accompany Forms MF-104 & 104A:

The activities and operations of the Hidden Hills Company on their claims in the Danby Mining District, San Bernardino County, California, during December, 1952, was digging the shaft to a depth of 53 feet. The bottom of the shaft is not in ore. Not too much work was done around the holidays due to lack of labor.

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

Budget Bureau No. 42-R1036.3.
Approval expires 2-31-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS
Defense Minerals Administration
RECEIVED
6 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

MAR 16 1953

Month of November, 1952 Docket No. DMEA 34 Contract No. 10-533
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 919, Bishop, California
Contract Amount, $ 10,000.00 Government Participation: 75 % Amount, $ 12,600.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	892.00	3863.00	4755.00			
Supervision	375.00	1875.00	2250.00			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	39.79	143.12	182.91			
Explosives	40.41	113.68	162.09			
Fuse Cable		416.21	416.21			
Fuse Detonating Cords		110.00	110.00			
Gas, Oil, Belts, Rolls	41.03	343.73	384.76			
Miscellaneous	12.71	384.67	396.38			
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	31.90	559.50	591.40	-0-	-0-	-0-
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	8.52	656.09	664.61			
Sampling and Analysis	12.00		12.00			
Payroll Taxes		105.00	105.00			
Liability Insurance	33.05	526.27	559.32			
(8) Contingencies (specify):						
TOTALS	1493.41	9096.30	10589.71	1461.51	7756.85	9440.45

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

Date 2-1-53 *Payee Hidden Hills Co

Per [signature] Title Partner

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

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

(Instructions on reverse)

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

$1096.13

Lloyd H. Spencer
Authorized Certifying Officer

Signature [signature] (Authorized Certifying Officer)

Date MAR 2 1953 Vou. No. SF-Dmea-35

(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. [illegible] in accordance with the terms of the contract.

Signature R. C. Johnson Title [illegible] Date [illegible]

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer DMEA Field Team Date February 5, 1953

H. C. Miller Region III

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MR-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ACCOUNTS DEPARTMENT OF THE INTERIOR
FEB 6 1953
Defense Minerals Administration
RECEIVED
MAR 16 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1952 Docket No. DMEA 2354 Contract No. [illegible]
Operator's Name Falcon Oil Company Minerals Sunglen
Address P. O. Box 549, Colusa, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	15 ft	2193.41	25 ft	3280.92				
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2193.41		3280.92				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 2-1-53 Operator Falcon Oil Co.

Per [illegible] Title [illegible]

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

To accompany Forms MF-104 & 104A:

The activities and operations of the Hidden Hills Company on their claims in the Danby Mining District, San Bernardino County, California, during November, 1952, consisted basically of digging the shaft to a depth of forty-five (45) feet. The bottom of the shaft is not in ore. Considerable timbering was necessary.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.3.
Approval expires 8-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 21 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 2354 Contract No. Idm-8332
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 549, Colusa, California
Contract Amount, $16,800.00 Government Participation: 75 % Amount, $12,600.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	928.00	2935.00	3863.00	928.00	2910.00	3838.00
Supervision	405.00	1470.00	1875.00	405.00	1470.00	1875.00
Technical Services						
(3) Operating Mat'ls. and Supplies:		109.45	140.33			
Timber	30.88	112.24	143.12	30.88	109.45	140.33
Explosives	69.87	43.81	113.68	69.87	43.81	113.68
~~Wire Cable~~		416.21	416.21		416.21	416.21
~~Brick Hoisting Bucket~~		110.00	110.00		110.00	110.00
Gas, Oil, Belts, Nails	27.64	316.09	343.73	27.64	316.09	343.73
Miscellaneous	55.00	329.67	384.67	55.00	160.02	215.05
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	111.90	447.60	559.50	-0-	-0-	-0-
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:		645.00	658.88			
Repairs to Equipment	13.88	642.21	656.09	13.88	281.79	295.67
Sampling and Analysis						
Payroll Taxes	51.92	53.11	105.03	51.92	53.11	105.03
Liability Insurance	101.41	424.86	526.27	101.41	424.86	526.27
(8) Contingencies (specify):						
TOTALS	1795.50	7300.80	9096.30	1683.60	6295.34	7978.94

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

Date 12-14-52 *Payee Hidden Hills Co

Per [signature] 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:

$1262.70

Signature
(Authorized Certifying Officer)

Date Vou. No. SF-DMEA-31

(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. Ion-2332 in accordance with the terms of the contract.

Signature R. C. Johnson Title Chief, Mining Div., Region III Date December 23, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date December 30, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 21 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 235b Contract No. [illegible]
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 519, Colton, California

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	20 ft	1795.50	20 ft.	1795.50				
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1795.50		1795.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 12-14-52 Operator Hidden Hills Co

Per [illegible] Title [illegible]

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

To accompany Forms MT-104 & 104A:

The activities and operations of the Hidden Hills Company on their claims in the Danby Mining District, San Bernardino County, California, during October, 1952, was the sinking and timbering of twenty feet (20 ft.) of shaft. Shortage of labor somewhat handicapped operations.

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

DEPARTMENT OF THE INT
Defense Minerals Administration
RECEIVED
JAN 2 1953

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

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

Month of October, 1952 Docket No. DMEA 2354 Contract No. Idm-2332
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 549, Colusa, California
Contract Amount, $16,000.00 Government Participation: 75 % Amount, $12,000.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	544.00	2391.00	2935.00	544.00	2366.00	2910.00
Supervision	345.00	1125.00	1470.00	345.00	1125.00	1470.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	73.27	36.10	109.45 112.24	73.27	36.18	109.45
Explosives	24.94	18.87	43.81	24.94	18.87	43.81
~~Wire Cable~~		416.21	416.21		416.21	416.21
~~Tool Hoisting Bucket~~		110.00	110.00		110.00	110.00
~~Gas, Oil, Nail & Bolts~~	1.15	314.94	316.09	1.15	314.94	316.09
~~Miscellaneous~~	1.85	327.82	329.67	1.85	158.17	160.02
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	111.90	335.70	447.60	-0-	-0-	-0-
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	62.97	582.03	645.00 642.21	62.97	218.82	281.79
Sampling and Analysis						
Payroll Taxes		53.11	53.11		53.11	53.11
Liability Insurance		424.86	424.86		424.86	424.86
(8) Contingencies (specify):						
TOTALS	1165.08	6135.72	7300.80	1053.18	5242.16	6295.34

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

Date 12-14-52 *Payee Hidden Hills Co

Per L. L. Thurson Title partner

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

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

(Instructions on reverse)

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

$ 789 89

Signature N. J. Horner
Authorized Certifying Officer
(Authorized Certifying Officer)

Date JAN 14 1953 Vou. No. SF-DMEA-31

(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. [illegible]332 in accordance with the terms of the contract.

Signature R. C. Johnson Title Chief, Mining Div., Region XII Date December 23, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. G. Miller Title Executive Officer DMEA Field Team Region XII Date December 30, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 1 1953

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of [illegible] 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible]
Address [illegible]
Minerals [illegible]

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

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

Date _____ Operator _____

Per _____ Title _____

REMARKS: [illegible]

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

To accompany Forms MF-104 & 104A:

The activities of the Hidden Hills Company during September, 1952, consisted of levelling and preparing the surface of the ground at the location where the shaft is to be dug. Also four feet (4 ft.) of shaft was dug. Operations were somewhat limited due to lack of labor.

Form MF-1M (Rev.)
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1336.3
Approval Expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 2354 Contract No. Idn-0332
Operator's Name Hidden Hills Company Minerals Tungsten
Address P. O. Box 969, Bolton, California
Contract Amount, $ 36,000.00 Government Participation: 75 % Amount, $ 24,000.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	564.00	1827.00	2391.00	564.00	1802.00	2366.00
Supervision	315.00	810.00	1125.00	315.00	810.00	1125.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	36.10		36.10	36.18		36.18
Explosives		18.87	18.87		18.87	18.87
Pipe Cable		416.21	416.21		416.21	416.21
Track Hoist		110.00	110.00		110.00	110.00
Oil, Grease & Fuel	144.68	170.26	314.94	144.68	170.26	314.94
Miscellaneous	53.65	274.17	327.82	53.65	104.52	158.17
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	111.90	223.80	335.70			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	26.42	555.61	582.03	26.42	192.40	218.82
Sampling and Analysis						
Payroll Taxes		53.11	53.11		53.11	53.11
Liability Insurance	174.86	250.00	424.86	174.86	250.00	424.86
(8) Contingencies (specify):						
TOTALS	1426.69	4709.03	6135.72	1314.79	3927.37	5242.16

I certify that the above bill is correct and just and that payment therefor has not been received.
Date October 27, 1952 *Payee Hidden Hills Co
Per [signature] Title partner

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 986.09

Signature
(Authorized Certifying Officer)
AUTHORIZED CERTIFYING OFFICER
Date OCT 20 1952 Vou. No. 5F-DMEA-22

(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. [illegible] in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Date October 2, 1952.
A. C. Johnson Region III

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. C. Miller Title Executive Officer Date October 6, 1952
W. C. Miller Region III

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-[illegible]A
April 1952

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

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

Month of August 1952 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Mahon Mills Company Minerals Tungsten
Address P. O. Box [illegible], Bishop, California

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

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

Date October 27, 1952 Operator Siddon Mills Co.

Per [illegible] Title Partner

REMARKS: No drilling work done during the month of August.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

To accompany Forms 104 & 104A

The activities during August, 1952, of operations of the Hidden Hills Company on their claims in the Danby Mining District in San Bernardino County, and designated under Docket Number DMEA 2354, consisted of locating and installing water tanks for drilling, preparations for removing blasting material from diggings and completing assembly and installation of all mining equipment. Six shifts were spent in preparing an ore bin, and as this is not included in the contract, the labor and material was not included in the statement of joint expenses.

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

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

DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R030.3.
Defense Minerals Exploration Administration
RECEIVED
OCT 27 1952

Month of [illegible], 195[illegible] 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						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	[illegible]	[illegible]	[illegible]	780.00	1022.00	1802.00
Supervision	[illegible]	[illegible]	[illegible]	390.00	420.00	810.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives		[illegible]	[illegible]		18.87	18.87
Pipe Cable	[illegible]		[illegible]	416.21		416.21
Track [illegible]		[illegible]	[illegible]		110.00	110.00
[illegible]	[illegible]	[illegible]	[illegible]	77.16	93.10	170.26
[illegible]	[illegible]	[illegible]	[illegible]	86.66	17.86	104.52
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	[illegible]	[illegible]	[illegible]			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	[illegible]	[illegible]	[illegible]	7.91	184.49	192.40
Sampling and Analysis						
Payroll Taxes	[illegible]		[illegible]	53.11		53.11
Liability Insurance		[illegible]	[illegible]		250.00	250.00
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]	1811.05	2116.32	3927.37

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

Date 9-22-52 *Payee Hidden Hills Co

Per [illegible] Title partner

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

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

(Instructions on reverse)

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

$1358.29

Signature A. J. RENNER
(Authorized Certifying Officer)
AUTHORIZED CERTIFYING OFFICER

Date OCT 20 1952 Vou. No. SE-DMEA-221

(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. [illegible] in accordance with the terms of the contract.

Signature R. C. Johnson Title Chief, Mining Div., Region III Date Sept. 20, 1952.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Executive Officer DMEA Field Team Region III Date Sept. 29, 1952

Officer for H. C. Miller

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

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

Month of [illegible] 1952 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Company Minerals [illegible]
Address [illegible]

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

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

Date 9-22-52 Operator Hidden Hills Co

Per [illegible] Title [illegible]

REMARKS: No drilling work done during the month of July.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

To Accompany Forms 104 & 144

The activities during July, 1952, of operations of the Hidden Hills Company on their claims in the Danby Mining District in San Bernardino County, and designated under Docket Number DMEA 2354, consisted of assembling additional equipment in the drilling site and further work on the cable tramway to provide further clearance for the ore bucket above the terrain. Some additional road work was done to better facilitate delivering supplies to the base of the cable tramway.

Depreciation is claimed in lieu of rental on the compressor and in lieu of purchase of hoist as these items were purchased prior to the contract.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R2
Approval expires 6-30-53.
Defense Minerals Administration
RECEIVED
OCT 27 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1952 Docket No. DMEA 2354 Contract No. Id-0332

Operator's Name Hidden Hills Company Minerals Tungsten

Address P. O. Box 549, Colusa, California

Contract Amount, $16,800.00 Government Participation: 75 % Amount, $12,600.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	1047.00		1047.00	1022.00		1022.00
Supervision	420.00		420.00	420.00		420.00
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives	18.87		18.87	18.87		18.87
Pipe						
~~Truck~~ Hoisting Bucket	110.00		110.00	110.00		110.00
Gas, Oil, Nails, Bolts	93.10		93.10	93.10		93.10
Miscellaneous	187.51		187.51	17.86		17.86
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation	111.90		111.90			
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment	547.70		547.70	184.49		184.49
Sampling and Analysis						
Payroll Taxes						
Liability Insurance	250.00		250.00	250.00		250.00
(8) Contingencies (specify):						
TOTALS	2706.08		2706.08	2116.32		2116.32

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

Date 8-20-52 *Payee Hidden Hills Co.

Per Roger C. Wilbur Title Partner

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

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

(Instructions on reverse)

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

$1587.24

Signature (Authorized Certifying Officer)

Date OCT 20 1952 AUTHORIZED CERTIFYING OFFICER Vou. No. SF-DMEA-22

(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. [illegible] in accordance with the terms of the contract.

Signature [illegible] Title Acting Chief, Date August 27, 1952.
Mining Div., O.P.S.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S. Ricker, Acting for H. C. Miller Title Executive Officer DMEA Field Team Region III Date August 28, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

To accompany Forms 104 & 104A

The following is a statement of the activities and mining operations of the Hidden Hills Company on their claims in the Darby Mining District of San Bernardino County and designated under Docket Number DMEA 2354:

Since application for governmental assistance was made considerable work has been done by bulldozer and hand labor to improve and extend the access road to the base of the incline below the mineral claims. Further, a large area along the tungsten vein on the claims has been completely cleared of overburden, exposing large quantities of marketable tungsten ore.

Since the government contract was issued on June 2 and until July 1, several necessary items of equipment and supplies were assembled on the location. The hoist was taken to the site of the tungsten deposit and installed. The cable was suspended in position and secured. No drilling operations have yet been started. The hoist was purchased by Hidden Hills Company and no part charged to the government.

RECEIVED
REGION III
BUREAU OF MINES
DEPARTMENT OF INTERIOR

FILE COPY
SURNAME:

Chairman
Martin

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

October 5, 1953

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Memorandum of Non-Discovery
Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
Birthday Star tungsten prospect
San Bernardino County, California
Contract No. Idm-E332

This Division hereby concludes that the work done on the subject property, as described under Exhibit "A" of the contract, has resulted in no discovery or development from which commercial production may be made.

Contract dated - June 2, 1952
" time - 8 months
" amount - $16,800.00; Government share (75%) - $12,600.00.

The property consisted of two unpatented lode mining claims, the Packard (Packard No. 1) and Packard No. 2, recorded in Book 323, Pages 241 and 242, respectively, at San Bernardino, California.

The work consisted of repairs on old road, building ½ mile of new road, erecting an 800-foot aerial tramway, erecting head frame, installing hoist and sinking a 100-foot inclined shaft, and drifting 150 feet on the 100-foot level.

The target was to explore at depth surface showings of 1 percent WO_3 tungsten ore. It was estimated that this work would possibly disclose 6,000 to 10,000 tons of 1 percent WO_3 tungsten ore.

The shaft started in ore, but pinched at a depth of 10 feet. The shaft was continued to a depth of 54 feet with no further ore showings and work was stopped at this point. The work was done with a windlass. The work progressed at a slow rate with a high cost.

The cost of the work accomplished was $11,821.62, 75 percent of which, or $8,866.22, represented the Government's share.

Due to pinching of the ore showing, inefficiency, and high cost of the operation, the Field Team recommended termination of the project. The Operator is also willing to terminate the project.

For the reasons cited by the Field Team, it is to the advantage of the Government to terminate the project and this Division concurs with that recommendation.

SIGNED

W. S. Martin, Chief
Iron and Ferro-Alloys Division

TLChapman/ls
10/5/53

cc: Docket
Adm. Read. File
Field Team, Reg. 3
Oper. Committee
Code 400

HHK
10-7-53

/Yes/ Audited

/No/ Certified

WO[illegible] ANALYSIS SHEET - DMEA PROJECT [illegible]

Analysis as of 12/13/1954
Incl. Voucher for _____

/Yes/ Actual Cost

/ / Agreed Unit Costs

Name Hidden Hill Company

Docket No. ~~DMEA-2354~~

State California

Commodity Tungsten

Idm-E No. 332

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting	150.0'	3,330.00			
Raising					
Shafts	100.0'	5,000.00	66'	4,450.00	6,347.37 96.17ft
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation					
Roads and Trails		595.00		595.00	848.74
Operating Equipment Purchased		1,250.00			
Surface Rehabilitation & Repairs		200.00			
Underground Rehabilitation					
New Building, Improvements, etc.		2,195.00		3,242.68	4,625.51
Other (Specify)		4,230.00		3,533.94	
Totals		16,800.00		11,821.62	11,821.62

Contract terminated by Government.
Poor supervision and labor

Prepared by TLC

716

FILE COPY
SURNAME:

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

SEP 17 1953

Mr. George Mavor
DMEA Auditor
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Idn-E332, DMEA-2354
Hidden Hills Company

Dear Mr. Mavor:

Receipt is acknowledged of your Audit Report and Audit Certificate covering the above-cited project.

The Report and Certificate are accepted and distribution may be made in the normal manner.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

WBorovies/wb
September 17, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.C.G.
9-17-53

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

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

August 13, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Final Report
Docket DMEA-2354 - Tungsten
Hidden Hills Company
San Bernardino County, California
Contract Idm-E332

Attached are four copies of the final report on subject project, dated July 22, 1953, by Benjamin H. Sheahan, Mining Engineer, U. S. Bureau of Mines.

Mr. Bailey, of the Geological Survey, and the writer agree with the conclusions set forth in the report, i.e., that the contract should be terminated and no discovery certified.

S. Ricker for H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copies to: E. H. Bailey, USGS
A. C. Johnson, Reno
F. Horton
Geo. Mavor

Reviewed by
DMEA OPERATING COMMITTEE
8-21-53
(date)

FINAL F.T. REP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

Final Report

Idm-E332

DMEA-2354, Hidden Hills Company

Birthday Star Tungsten Prospect

San Bernardino County, California

Benjamin H. Sheahan, Mining Engineer
U. S. Bureau of Mines

July 22, 1953

Reviewed by
DMEA OPERATING COMMITTEE
8-21-53
(date)

FINAL REPORT

Docket No.: DMEA-2354 (Tungsten)

Name and address of operator: Hidden Hills Company, P. O. Box 549, Colusa, Calif.
a partnership composed of:

L. A. Otterson
Bert Craig
Roger C. Wilbur

Name and location of property: Birthday Star Tungsten Prospect
The property is located in sec. 4, T. 5 N., R. 17 E., S.B.B.&M. in the Danby Mining Dist., San Bernardino County, California.

To reach the property from U.S. Highway 66, travel south through Danby, California a distance of 11.5 miles on a fair dirt road to intersection, turn left and follow a poor road easterly 10.3 miles to the lower end of an 800-foot aerial tramway.

Contract No.: Idm-E332

SUMMARY

The exploration contract was signed by the operators on June 2, 1952. The description of the proposed work included 100 feet of shaft sinking, 150 feet of drifting, road repair work, and the construction of an 800 foot aerial tramway.

The purpose of the proposed work was to explore by means of an incline shaft, with a drift, a pendent of scheelite bearing tactite along the southwest slope of the Old Woman Mountains.

Preliminary work, including access road repair and tramway construction, was completed in August 1952. Actual shaft sinking operations were started late in September. The exploration work progressed at a slow rate, and consequently unit costs were high. The operator is not experienced in mining. Monthly reports were erroneous.

Expenditures, shown by the operators Monthly Reports, are listed with work completed for comparison:

Month	Monthly Total	Cumulative Total	Work Completed
June 1952	$2,786.08	$2,786.08	Road construction, equipment and supplies hauled.
July "	1,922.95	4,709.03	Tramway construction.
August "	1,426.69	6,135.72	Tramway completed; shaft site prepared.
September "	1,165.08	7,300.80	
October "	1,795.50	9,096.30	Shaft 5 feet deep (Oct. 23, 1953) See figure 1.
November "	1,493.41	10,589.71	Shaft 20 feet deep (Nov. 20, 1952).
December "	1,390.41	11,980.12 *	
January 1953	1,300.93	11,999.89	Shaft 48 feet deep (Jan. 8, 1953).
			Shaft 54 feet deep (Jan. 24, 1953).

*Note: Apparently $1,281.16 was disallowed by auditor.

Scheelite values in the tactite decreased at depth and the operator encountered difficulty in following the irregular pendent.

Ore bin construction, mining and other items of work were completed but were disallowed by the contract.

On February 1, 1953 the contract expired, however, final termination was recessed until the property was examined and sample analyses were obtained. On May 1, 1953, the contract was terminated and the operator was notified to dispose of the equipment purchased under the

exploration contract according to the conditions of the contract and DMEA regulations.

Sketch map figure 1 shows all samples taken at the property and the depth of the shaft at the dates of the interim inspections.

Inferred ore reserves amount to approximately 38 tons of ore averaging 1.74% WO_3.

CONCLUSIONS

Scheelite values in the tactite pendents are very spotty. The pendents are irregular and disconnected both along the strike and down the dip.

RECOMMENDATIONS

1. Further exploration work under a participating Government loan is not justified.

2. The project was not successful.

3. Production is not economically feasible when prevailing labor costs are considered.

DESCRIPTION OF THE WORK COMPLETED

The contract was signed on June 2, 1952. When inspected on August 12, 1952, repairs were completed on the access road which was also extended about 1,000 feet to the base of an 800-foot aerial tramway. The tramway, tram hoist, compressor and pipelines to the shaft site were installed.

The operator made excavations for an ore bin and installed a 30-ton capacity ore bin at the lower base of the tramway. A tramway loading bin was constructed at the upper end of the tramway, and

80 feet of 12-pound, 18-inch gauge track and a mine car was installed from the tramway loading bin along the surface to the shaft site. Mining operations were conducted while excavation for the shaft site was made. Approximately 18 tons of ore was mined, trammed down the mountain side and hauled to a small concentrating plant at Danby where 560 pounds of scheelite concentrates were obtained which assayed 70.54% WO_3. The concentrates were stored at Mr. Bert Craigs cabin near the property.

Following the completion of the shaft site, a prospect shaft was sunk to a depth of 54 feet. Figure 1 shows the depth of the shaft at inspection dates. The operator installed a windlass in place of a hoist (authorized by the contract).

The operator discontinued exploration operations on January 24, 1953. From January 8, 1953 to January 24, 1953, a three man crew made 6 feet of advance in the shaft.

The contract time expired on February 2, 1953. However, Mr. Bert Craig, superintendent, with one workman continued a mining operation from January 24, 1953. When the property was examined on April 10, 1953, approximately 24 tons of tungsten ore assaying 1.96% WO_3 had been produced between these two dates. The ore was stored in the ore bin at the lower end of the tramway at the end of the access road.

The property was examined and the work was inspected as described by the following examination and interim reports:

Report of Examination, Birthday Star Tungsten Prospect,
San Bernardino County, California
March 25, 1952 by L. D. Clark, geologist
W. P. Irwin, "
U.S. Geological Survey

Interim Report, August 27, 1952 by F. J. Wiebelt, Mining engineer,
U. S. Bureau of Mines

Interim Report, November 7, 1952 by B. H. Sheahan, Mining Engineer,
U. S. Bureau of Mines

Interim Report, December 5, 1952 do

Interim Report, January 28, 1953 do

Interim Report, April 27, 1953 do

DESCRIPTION OF GEOLOGY

Scheelite mineralization occurs in irregular shaped tactite bodies containing considerable epidote. The tactite consists of narrow elongated and disjointed pendents in granite. The strike trend of the pendents is N. 65° E. with dips from 45° to 60° to the northwest. Figure 1 shows the approximate shape and size of the pendents at the site of the exploration work.

ASSAYS

All samples taken at the property are listed on sketch map figure 1.

PRODUCTION

The operator produced approximately 42 tons of ore, from which it is estimated 55 units of WO_3 will be recovered.

Date	Estimated Tons Ore	Sample No.	%, WO_3	Remarks
August-October 1952	18	S-149	70.54	From 560 pounds concentrates.
January 24, 1953 to April 10, 1953	24	S-200	1.96	In ore bin.

The 24 tons of ore mined from January 24, 1953 to April 10, 1953 by Mr. Bert Craig and one workman represents the approximate grade of ore that might be mined from the property. Approximately 150 shifts of work were required to produce this ore. Estimating that a recovery of 75.0% of the scheelite from a concentrator will be made, the production per man shift would amount to 0.235 units of WO_3.

ORE RESERVES

Ore reserves based upon the following samples and analysis follow:

Block No.	Sample No.	%, WO_3	Width Ft.	Inferred Length	Inferred Depth	Tons	Grade %, WO_3	Units WO_3
1	(S-145	2.96	4.0)	5.0	10.0	14.0	2.22	31
	(S-144	1.49	3.0)					
2	S-192	1.41	3.0	10.0	5.0	17.0	1.41	17
3	S-199	2.56	3.0	6.0	5.0	7.0	2.56	18
	Total Inferred ore					38.0	1.74	66

EXPENDITURES

a. Total approved $16,800.00
b. Total cost of project 1/ 11,999.89
c. Government's share of cost 8,999.92
d. Government's share unexpended 3,600.08
e. Value of production during operations and Government's royalty 2/ Actual value unknown

1/ From January 1953 - Operators Monthly Report and Voucher.
2/ Approximately 55 short tons units of WO_3 would have a gross value of $3,465.00 based upon a price of $63.00 per unit.

EFFICIENCY OF OPERATIONS

The operation was not conducted efficiently. Progress was slow and unit costs were high.

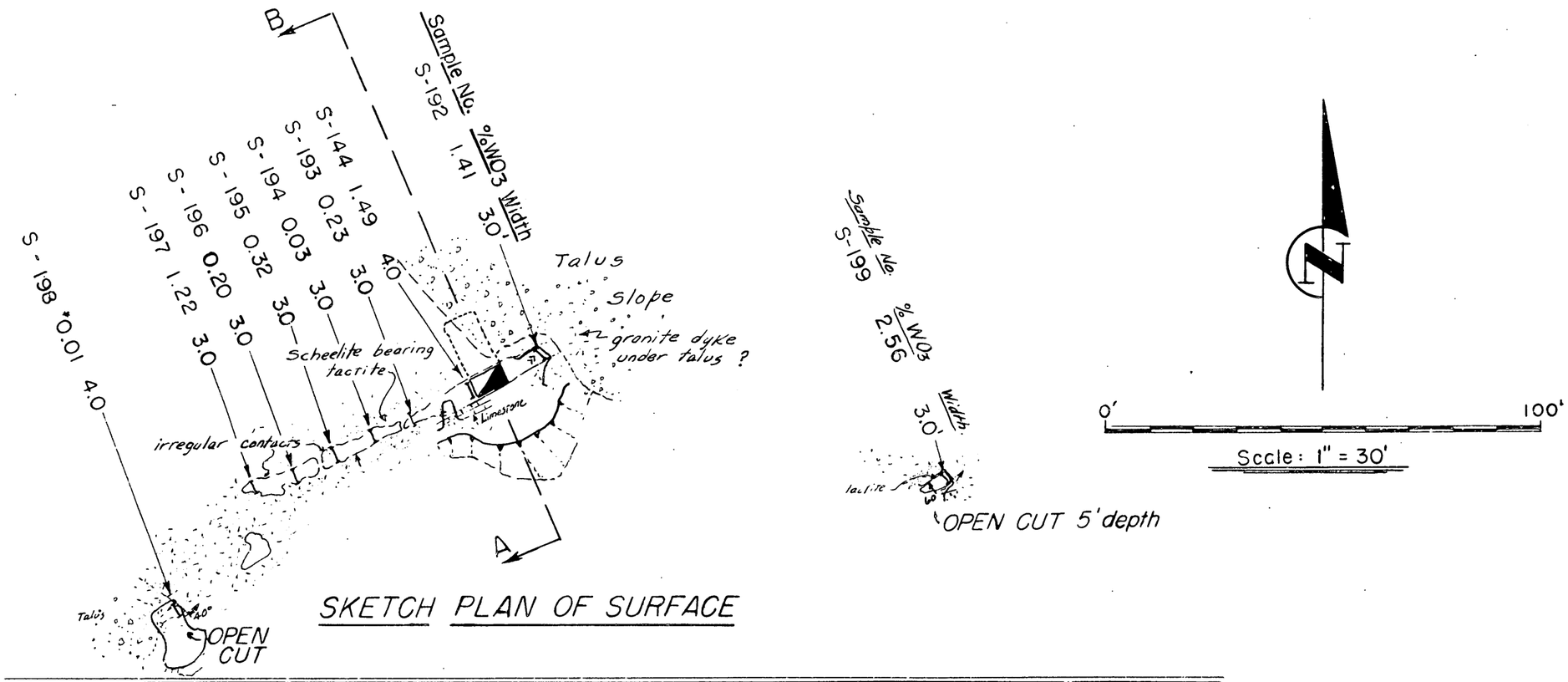
COMPETENCY OF OPERATOR

Mr. Bert Craig, superintendent, was the only partner that had any mining experience. Most of Mr. Craig's experience was connected with diamond drilling. He was reported to be skilled in this occupation.

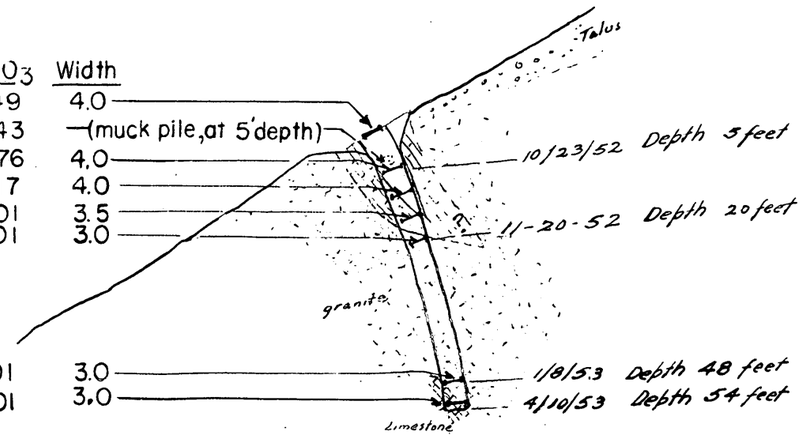
The operators monthly reports were poorly prepared and were erroneous.

EQUIPMENT PURCHASED FOR PROJECT

A final audit of the account is necessary in order to prepare a list of equipment purchased under the contract.



SKETCH PLAN OF SURFACE



Sample No.	%WO3	Remarks
S-149	70.54	Grab sample - 560 lbs. concentrates.
S-200	1.96	Grab sample of 24 tons of ore in bin.

Note: *0.01 indicates less than 0.01%

VERTICAL SECTION A-B

CONTRACT - Idm-E 332 4-10-53

DMEA: 2354 (TUNGSTEN), BIRTHDAY STAR PROSPECT, HIDDEN HILLS COMPANY. - OLD WOMAN MOUNTAINS, SAN BERNARDINO County, CALIFORNIA *Figure 1*

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

June 18, 1953

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2354 (Tungsten)
Hidden Hills Company, San Bernardino County, California
Contract Idn-E332
Amendment No. 1

Attached are the original and two copies of Amendment No. 1 dated April 22, 1953, amending the subject contract.

A justification sheet is attached to each copy of the amendment.

Proper distribution has been made of the remaining copies.

S. Ricker for
H. C. Miller, Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: A. C. Johnson, Reno (With copy of amendment)
Finance Officer, Region III (With copy of amendment)
E. H. Bailey, USGS
George Mavor

cal
6-22

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

400

Executive Officer
DMEA Field Team
Region III

1012 Flood Bldg.
870 Market Street
San Francisco 2, California

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1953

May 1, 1953

Registered Mail
Return Receipt Requested

WSM

Mr. L. A. Otterson
Secretary-Treasurer
Hidden Hills Company
P. O. Box 549
Colusa, California

Re: Docket DMEA-2354 (Tungsten)
Hidden Hills Company
San Bernardino County, Calif.
Contract Idm-E332

Dear Mr. Otterson:

There are enclosed, for your signature, the original and five copies of Amendment No. 1 to the above referenced contract, which has been signed by the Administrator for the Government.

You will note that resumption of work as provided in Paragraph 2 of the Amendment is dependent upon approval of the Government, and if such work is not approved, the contract shall be considered terminated without further notice by the Government. Certain considerations given on the second page of the amendment, in Paragraphs (1) and (2), apply to the termination of the contract.

Based upon an examination of your property on April 10 and April 11, 1953, Mr. H. H. Sheahan, Mining Engineer, Bureau of Mines, recommends that further exploration under the contract is not justified and that further Government participation in the work is not warranted. I regret, therefore, that it is necessary for me to inform you that, based upon Mr. Sheahan's recommendations, the Government is not approving resumption of work under the contract.

It will be appreciated if you will sign and return promptly all copies of the attached Amendment No. 1, except the copy marked "Operator's Copy," so that the final audit of your account with the Government may be made at an early date.

In that connection, instructions for disposing of property paid for or purchased with funds contributed jointly by you and the Government are given in the attached mimeographed letter.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Enclosures (2)

Copy to: DMEA, Washington, D.C. (2)

E. H. Bailey, USGS

A. C. Johnson, Reno

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1953

Date: April 30,1953

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 2354

Contract Idm-E 332

Commodity Tungsten

Operator - Hidden Hills Company
Box 549, Colusa, Calif.

Property - Birthday Star Tungsten prospect
San Bernardino County, Calif.

By B. H. Sheahan, Mining Engineer

Dated April 27, 1953

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

George Mavor

INTERIM REPORT

Docket No.: DMEA-2354X (tungsten) April 27, 1953

Name and address of operator: Hidden Hills Co., a partnership composed of L. A. Otterson, Bert Craig, and Roger C. Wilbur, P. O. Box 549, Colusa, Calif.

Name and location of property: Birthday Star Tungsten prospect; the property is located on the southwest slope of the Old Woman Mountains, San Bernardino County, Calif., in sec. 4, T. 5 N., R. 17 E., S.B.B.&M.

Contract No.: Idm-E332

SUMMARY

The property was examined by an engineer of the U. S. Bureau of Mines on April 10 and 11, 1953. Mr. Bert Craig, a partner, was interviewed at the property on April 11, 1953. A previous inspection was made by the engineer on January 8, 1953.

The exploratory shaft was examined, and samples were cut at locations shown on sketch map fig. 1.

The operator discontinued exploration work on January 24, 1953. Mining operations were conducted by Mr. Bert Craig and one workman. Approximately 24 tons of ore assaying 1.96% WO_3 were produced from the outcrop near sample locations S-192 and S-199.

The exploratory shaft was advanced 6 feet from January 8, 1953 to January 24, 1953 by a three man crew working six days per week. The unit cost per foot was unreasonably high.

CONCLUSIONS

The exploratory work conducted at the property was not done ef-

ficiently.

The operators lack mining experience and this is reflected by their erroneous monthly reports and high unit costs on exploration work.

RECOMMENDATIONS

Further exploration work under the contract is not justified.

STATEMENT OF WORK COMPLETED

The exploratory shaft was sunk 6 feet to a depth of 54 feet. This work was done by a three man crew from January 8 to January 24, 1953, when exploration work was stopped.

COMMENTS ON PROGRESS

Progress on the exploratory work was slow, inefficient and costly.

A mining operation was conducted by the company after shaft sinking operations were stopped. A two man crew mined and trammed 24 tons of tungsten ore in eleven weeks. This work was done at company expense during the period from January 24 to April 11, 1953.

OPERATOR'S MONTHLY REPORTS

The operator's monthly reports are erroneous and poorly prepared, however some adjustments and improvements have been made. An audit of the account was requested by the Bureau of Mines.

Errors in monthly vouchers submitted by the operator should be corrected or disallowed when the audit is completed.

Expenses listed by the operator's January 1953 voucher show expenditures of $1,300.93. No claim was made for supervision which

exceeded the amount allowable by the contract. Total expenditures after some claims have been disallowed amounted to approximately $12,000.00.

GEOLOGY AND MINERALIZATION

Scheelite mineralization occurs in irregular shaped tactite bodies. The tactite bodies containing considerable epidote are elongated and disjointed pendents in granite. The strike trend of the pendents is N. 65° E. with dips from 45° to 60° to the northwest.

The exploratory shaft was advanced 6 feet since the previous interim inspection. The bottom of the shaft exposes what appears to be a small inclusion block of limestone. Sample S-191 showed less than 0.01% WO_3, however an occasional small crystal of scheelite is visable under ultra-violet light.

PRODUCTION

The operator mined 18 tons of ore that was milled at a small concentrating plant at Danby. A grab sample from 560 pounds of concentrates stored at Mr. Bert Craig's cabin assayed 70.54% WO_3. The ore was mined and milled between the dates of August 12, 1952 and October 23, 1952.

The operator recently produced approximately 24 tons of ore assaying 1.96% WO_3 between the dates of January 24, 1953 and April 10, 1953. The ore is stored in the bin at the upper end of the access road.

RESULTS OF CHECK SAMPLING AND ASSAYING

All samples with assays taken at the property by the engineer are listed with locations and widths on sketch map fig. 1.

Sample S-149 assaying 70.54% WO_3 represents the approximate grade of 560 pounds of concentrates recovered from 18 tons of ore.

Sample S-200 assaying 1.96% WO_3 represents the approximate grade of 24 tons of ore recently mined.

OTHER INFORMATION

The operator stated that he intended to ship the ore which he had produced to the Toulon mill near Lovelock, Nev. The distance is approximately 550 miles.

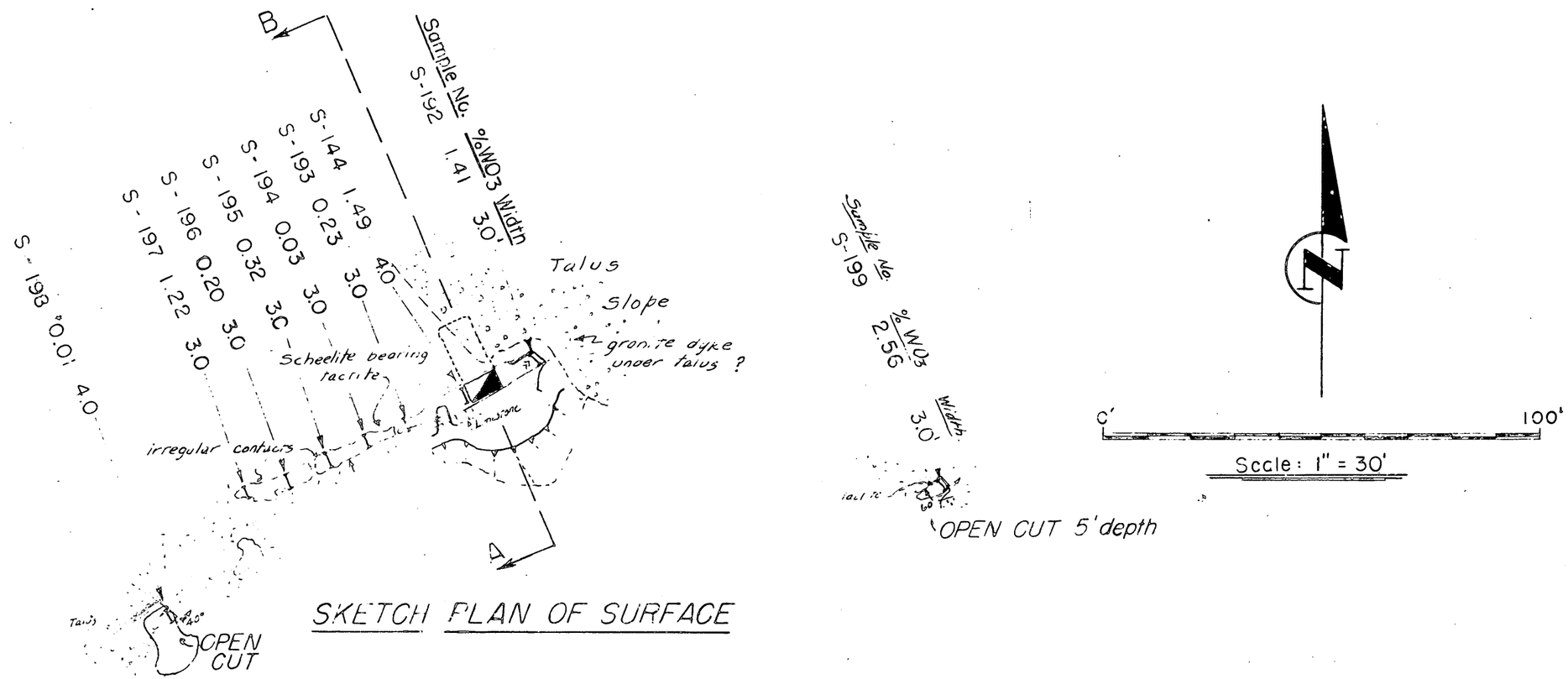
Mr. Bert Graig said that Mr. John Heizer, operator of the Toulon mill had recently made a preliminary examination of the claims.

Mr. Walter Zendell, a former owner of the Birthday Star property, has recently mined and milled a few tons of tungsten ore from his prospect near the Hidden Value Tungsten Mine, located in secs. 8 and 18, T. 5 N., R. 17 E., S.B.B.&M.

The Hidden Values Tungsten Mine is described by War Minerals Report 7465. A $20,000.00 R.F.C. loan was granted in 1943 to put the property into production.

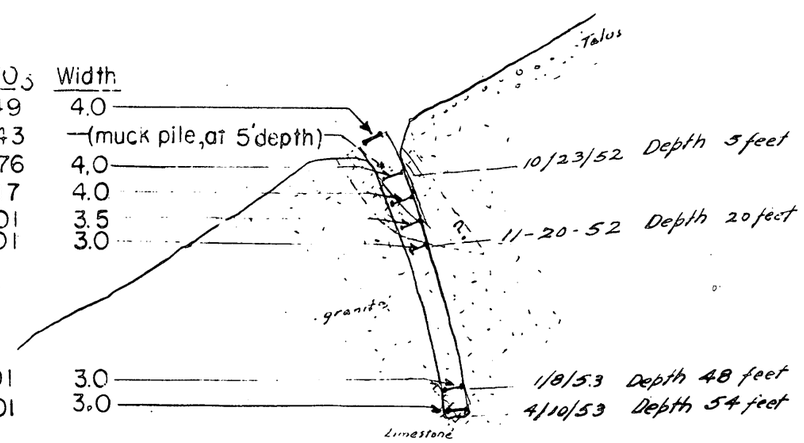
B. H. Sheahan

B. H. Sheahan
Mining Engineer



SKETCH PLAN OF SURFACE

Sample No	%NO_3	Width
S-144	1.49	4.0
S-135	0.43	(muck pile, at 5' depth)
S-145	2.76	4.0
S-146	0.17	4.0
S-147	*0.01	3.5
S-148	*0.01	3.0
S-172	*0.01	3.0
S-191	*0.01	3.0



Sample No.	%WO_3	Remarks
S-149	70.54	Grab sample - 560 lbs. concentrates.
S-200	1.96	Grab sample of 24 tons of ore in bin.

Note: *0.01 indicates less than 0.01%

VERTICAL SECTION A-B

CONTRACT - Idm-E 332 4-10-53

DMEA: 2354 (TUNGSTEN), BIRTHDAY STAR PROSPECT, HIDDEN HILLS COMPANY. - OLD WOMAN MOUNTAINS, SAN BERNARDINO County, CALIFORNIA *Figure 1*

FILE COPY
SURNAME:

400

Rutledge
Martin
Selfridge
Robinson

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

AIR MAIL

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

APR 23 1953

Re: Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
Packard #1 and #2, and
Mill Pond Claims
San Bernardino County, California
Contract No. Idm-E332

Dear Mr. Miller:

8.C. 4/23/53

We are enclosing the original and five copies of Amendment No. 1 to the above referenced contract which have been signed by the Administrator for the Government.

If the terms and conditions of this amendment are satisfactory to you and the Operator, all six copies should be signed and the usual distribution made.

If any part of this amendment does not have either your approval or that of the Operator and cannot be amended within your delegated authority, the original and all copies of the subject amendment are to be returned to this office, together with the proposed changes for consideration.

Sincerely yours,

George C. Selfridge (GHB)

Chairman, Operating Committee

Enclosures

FARutledge:foc 4-21-53

APPROVED:

E. R. Hodges (GHB)

Member, Bureau of Mines

A. R. Kinkel, Jr. (GHB)

Member, Geological Survey

cc: Docket
Code 400
Adm. Reading File
FT Reg. III
Operating Comm.
R. W. Geehan, USBM
D. M. Lemmon, USGS

FILE COPY
SURNAME:

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

Rutledge
Martin
Rubel
Hedges
Selfridge

BL

Defense Minerals Exploration Administration
F. A. Rutledge
5285 3538

April 22, 1953

M. C. Miller, DMEA Executive Officer, Region 3, 1012 Flood Building,
870 Market Street, San Francisco 2, California
Docket No. DMEA 2354 - Hidden Hills Company, Contract No. Idm-M332

We are mailing you Amendment No. 1 to contract stating Operator shall resume work on or before May 1, 1953, only with prior Government approval. Please advise us and Operator if results to date warrant additional exploration.

George C. Selfridge (JB)

G. C. Selfridge, Chairman
Operating Committee

FARutledge/ls
4/22/53

J.H.
4/22/53

Copy to: Field Team, Reg. 3 - CONFIRMATION
Docket
Code 400
Adm. Reading File
Audits Divn., Bur. of Mines
R. W. Geehan, USBM
D. M. Lemmon, USGS
Operating Committee

FILE COPY
SURNAME:

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

J. L. Hofflund, Chief Counsel, DMEA

April 9, 1953

Rutledge
Martin

Iron and Ferro-Alloys Division, DMEA

Review and preparation of amendment
Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
San Bernardino County, California
Contract No. Idm-E-332

Transmitted herewith is the rough draft of a proposed amendment to the referenced contract for your use in preparing Amendment No. 1 in final form.

W. S. Martin

W. S. Martin, Acting Chief
Iron and Ferro-Alloys Division

CC: Docket
Code 400
Admn. Read. File

FARutledge/hhb
4/9/53

DRAFT

EXPLORATION PROJECT CONTRACT
HIDDEN HILLS COMPANY
DOCKET NO. DMEA 2354

AMENDMENT NO. 1

It is agreed this_____day of_____, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and Hidden Hills Company, each acting in consideration of the agreement of the other to the terms hereinafter set forth, that effective June 2, 1952, the Exploration Project Contract No. Idm-E-332, dated June 2, 1952, between the parties hereto be modified and amended as follows:

The period within which the project is to be completed is extended from February 2, 1953, to October 2, 1953. However, during the period February 2, 1953, to May 1, 1953, the project work shall be recessed and resumption of work on May 1, 1953, under said contract shall be dependent upon prior approval by the Government.

In Exhibit "A" under (4) Operating Equipment, Owned by the Operator, add:

	Replacement Value
1 - 105 cu. ft. compressor	$1,213.21
1 - Tram hoist	463.50
	$1,676.71

Depreciation, 10 months, 1/60 per month $279.45*

In Exhibit "A" under (4) Operating Equipment, To be rented, delete:

1 - 105 cu. ft. compressor, 4 mo. @ $160.00/mo. $640.00

In Exhibit "A" under (4) Operating Equipment, To be purchased, delete:

1 - Tram hoist $250.00

This amendment shall not be construed to increase the estimated total cost of the project, the total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay under the provisions of Article 8 of the contract form.

THE UNITED STATES OF AMERICA

By_____
Administrator, Defense Minerals
Exploration Administration

HIDDEN HILLS COMPANY

By_____ _____

Docket

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 6 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

AIR MAIL

April 2, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

WSM

Subject: Docket DMEA-2354 (Tungsten)
Hidden Hills Company, San Bernardino County, California
Contract Idm-E332

You have been furnished a copy of my letter, dated March 12, 1953, informing Mr. L. A. Otterson, Secretary-Treasurer, of the subject company, that we are holding his exploration contract open until May 1, 1953, by which time we will decide upon the next step to be taken.

Mr. A. C. Johnson is being notified by means of a carbon copy of this memorandum that his engineer should reexamine the property and report on whether further work under the contract is justified and to recommend what additional work should be done, if justified, with substantiating assays. He is being advised that the report and recommendations should be in this office in plenty of time so the matter can be taken up with you and settled before May 1.

In the meantime, our DMEA auditor is auditing the company's books, and it is necessary to amend the contract for reasons cited below.

The contract allows the Operator to rent a compressor for 4 months at $160 a month $640.00. Instead of renting a compressor as the Operator intended at the time he made application for a loan, he purchased a compressor prior to the date of the contract for $850.00, plus immediate repairs of $363.21, or a total cost for the compressor in running order of $1213.21. The Operator now desires to claim depreciation on the compressor of 1/60 of $1213.21 per month for 8 months or $161.76.

The Operator intended originally and was allowed by the contract to purchase a tram hoist for $250.00. Instead he purchased

Copy retained

a used hoist prior to the date of the contract for $463.50. He is now desirous to be allowed depreciation on this hoist for 8 months or $61.80.

Inasmuch as the requested changes involve items that are expressly fixed as "allowable maximums," we are under the impression, according to Secretary's Order 2684 dated April 25, 1952, that my authority does not cover preparing an amendment covering the proposed changes.

As a suggestion, would it not be well when preparing the amendment that you include therein approval to recess the work under the contract from February 2, 1953, to May 1, 1953, with resumption of work on May 1, dependent upon the prior approval by the Government.

If the Washington office approves the suggested changes in cost items and informs me by teletype that I have authority to draw up an amendment along the requested lines, I will gladly do so.

H. C. Miller
Executive Officer
EMFA Field Team, Region III

Copy to: E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada
George Mavor

MAR 16 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

March 12, 1953

Mr. L. A. Ottersen
Secretary-Treasurer
Hidden Hills Company
P. O. Box 340
Colusa, California

Re: Docket DMEA-2354 (Tungsten)
Hidden Hills Company
San Bernardino County, Calif.
Contract Idm-[illegible]

Dear Mr. Ottersen:

We acknowledge your letter, dated March 7, replying to my letter of March 3 in which I suggested that we might consider holding up the notice of termination of your contract for not over 60 days to allow you to mine the ore now in sight. In the meantime, if such mining should indicate that further exploration work is justified, consideration will be given by us to amending your contract to permit such exploration. Accordingly, we will hold the exploration contract open until May 1, 1953, by which time we will decide upon the next step to be taken. In the meantime, no further work is allowable under the contract.

Your January MR-104 and 104A forms will be processed upon receipt.

Sincerely yours,

N. C. MILLER

N. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: DMEA, Washington, D. C.
E. H. Bailey, USGS
A. C. Johnson, Reno

2354

Docket

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

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 10 1953

March 6, 1953

Memorandum

To: George C. Selfridge, Chairman, Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2354 - Tungsten
Hidden Hills Company
Packard #1 and 2, and Mill Pond Claims,
San Bernardino County, California
Contract Idm-E332

Reference is to your subject letter dated February 26, particularly to the last paragraph in which you state that you find it difficult to understand why, when the contract provided for sinking a 45° shaft, presumably to follow the mineralized tactite, the Operator was allowed to sink into the footwall at an angle of approximately 75°.

The matter was taken up with Mr. A. C. Johnson, and a copy of his memorandum reply, dated March 4, is attached.

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Attachment

Copy to: E. H. Bailey, USGS

Copy Received 3/10

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

P. O. Box 1551
Reno, Nevada

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 10 1953

March 4, 1953

Memorandum

To: Mr. H. C. Miller, Executive Officer, DMEA Field Team Region III

From: Chief, Mining Division, Region III

Subject: Docket DMEA-2354 (Tungsten), Hidden Hills Company, Birthday Star Tungsten Prospect, San Bernardino County, California, Contract Idm-E332

In reference to your memorandum of March 3, on the above mentioned contract, in regard to a remark in Mr. Selfridge's letter that it was difficult to understand why the shaft was sunk in the footwall at approximately a 75° angle when the contract called for sinking the shaft at an incline of 45°:

The operators started their shaft in ore and endeavored to follow it downward. An inspection was made by Mr. Sheahan, of my office, when the shaft had reached a depth of five feet and at this stage of the game, the inspecting engineer recommended that the contract be terminated as it was being carried on in a very inefficient manner. On his next inspection the shaft had reached a depth of twenty feet. At this time the shaft definitely had steepened. Mr. Sheahan brought this to the attention of the operators and recommended that more careful supervision be given the work. In this report he again recommended that the contract be terminated as it was being carried on in an inefficient manner.

At this stage of the operations, Mr. W. P. Irwin of the U. S. Geological Survey reviewed Mr. Sheahan's interim reports and in a memorandum to you dated December 19, 1952, Mr. Irwin made the following statements:

"Mr. Sheahan points out that the rock in the twenty foot exploration shaft grades from tactite with a grade of 2.76 percent WO_3 near the collar to a hard silicated rock containing less than 0.01 percent WO_3 at the bottom of the shaft. Several explanations should account for this change in grade and host rock.

"Wide variations in grade along the strike and down the dip of contact metamorphic tungsten deposits are common. Such variations can be seen along the outcrop of the Birthday Star deposit, although not to the extent of the exposures in the shaft. The fact that nearly barren rock is now exposed in the bottom of the shaft should not necessarily be regarded as an indication that the ultimate bottom of the deposit has been reached, or that the ore body in general rakes to the northeast.

Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III 3/4/53

"The gradational change in host rock, from medium- to coarse-grained tactite to a finer-grained silicated rock, may be owing to variations in the original deposition of the host rock. If such is the case, tactite may "come in" again down the dip.

"On the other hand, the change in host rock may be owing to the steep inclination of the shaft. As I recall from my original examination of the deposit, the scheelite-bearing tactite formed the hanging-wall portion of the band of contact metamorphic rock, whereas a finer grained silicated rock formed the foot wall portion. Little scheelite was seen in the foot wall portion. The bedding of the rocks dips approximately 45°. According to the cross section sketch of the workings in Sheahan's report, the shaft is collared in tactite and is inclined about 70 degrees. Therefore, it appears possible that the shaft has migrated from the hanging-wall tactite zone into a footwall zone of nearly barren fine-grained rock. This should be tested by putting a 4 or 5 foot round in the hanging-wall side at the bottom of the inclined shaft.

"As this is an exploration project, rather than development, work should not necessarily be stopped because the working pass out of ore in a notoriously spotty type of deposit, nor should the program be revised by starting a new shaft so that the workings can be kept in ore. Considering the shallow depth of the exploration shaft, we have gained little additional knowledge of the deposit. Considerable high grade tungsten ore is exposed at the surface of the deposit, and it would appear worthwhile to explore the possibilities of similar bodies of ore occuring at depth. I recommend that the exploration shaft be continued to a depth of at least 50 feet before revision or cancellation of the project is considered, unless the cost of the exploration is entirely beyond reason."

Mr. Irwin's recommendations seemed logical and the shaft was continued to a depth of 48 feet. It isn't necessarily true that the tactite zone would follow on a regular dip of 45°. According to Mr. Sheahan's interim report dated January 28, 1953, it seems that the tactite zone carrying scheelite at the surface has definitely pinched at a depth of approximately 12 feet.

However, as Mr. Irwin has pointed out in his memorandum dated December 19, this was an exploration project and not a development project and that the work should not necessarily be stopped because we had passed through the ore at a depth of 12 feet. He has also stated that considerable high grade ore is exposed at the surface and it would appear worthwhile to continue to a depth of at least 50 feet before revision or cancellation of the contract.

Mr, H. C. Miller, Executive Officer, DMEA Field Team, Region III 3/4/53

The project was not carried out in an efficient manner by the operators. The inefficiency of the operation of this project wascalled to the attention of the operators on every visit to the project.

/s/ A. C. Johnson
A. C. Johnson

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Bldg.
870 Market St.
San Francisco 2, Calif.

March 3, 1953

Mr. L. A. Otterson
Secretary-Treasurer
Hidden Hills Company
P. O. Box 549
Colusa, California

Re: Docket DMEA-2354 (Tungsten)
Contract Idm-E332
Hidden Hills Company
San Bernardino County, Calif.

Dear Mr. Otterson:

I now have some further information concerning the termination of the above-captioned contract that may be of interest to you.

The Washington Office of the Defense Minerals Exploration Administration informs me that it would not object if I held up the termination notice for a month or two at the most to allow you to mine the ore now in sight. If such mining should indicate that further exploratory work is justified, based upon substantiating assays and recommendations of our mining engineers, an amendment to the contract might be considered for some additional exploratory work.

If you think well of the suggestion that termination of the contract be deferred for not over 60 days and will let me know, I will draw up the necessary amendment, keeping the contract open. It should be understood, however, that keeping the contract open for that time is not an approval of any further work under the contract or that proposed to be done if the contract were amended to allow for it.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer, DMEA Field Team
Region III

Copy to: DMEA, Washington
E. H. Bailey, USGS
A. C. Johnson, Reno

Office of
Executive Officer
DMEA Field Team
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 1953

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

February 27, 1953

Mr. L. A. Otterson
Secretary-Treasurer
Hidden Hills Company
P. O. Box 548
Colusa, California

Re: Docket DMEA-2384 (Tungsten)
Contract Idm [illegible]
Hidden Hills Company
San Bernardino County, Calif.

Dear Mr. Otterson:

Reference is made to your letter, dated January 31, requesting a deviation from the exploration contract and a five months' extension of time for completion of the work.

The Washington office of the Defense Minerals Exploration Administration has given studied consideration to your requests, and, on the basis of the results of the work done and the manner in which it has been carried out, has wired me that the contract should be terminated. As the contract expired on February 1, 1953, any cost incurred after that date cannot be charged to the contract.

An audit of your account has been ordered and will be made shortly. One matter that we will take care of before the final accounting is made is that of allowing depreciation for the compressor and tram hoist which you purchased prior to the date of the contract, though purchase or rental was allowed under contract for these items. To take care of this matter may require an amendment to the contract; the amendment, if necessary, will be drawn up and submitted to you shortly for your signature.

Your November and December vouchers with certain disallowances are being passed for payment.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: DMEA, Washington
E. H. Bailey, USGS
A. C. Johnson, Reno

FILE COPY
SURNAME:

Martin
Selfridge
Mittendorf

400

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

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

FEB 26 1953

Re: Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
Packard #1 and 2, and
Mill Pond claims
San Bernardino County, California
Contract No. Idm-R-332

J.C. 2/26/53

Dear Mr. Miller:

Reference is made to our telegram of February 16, 1953, advising you that drifting and crosscutting from shaft as asked for is not justified and that the contract should be terminated and the Operator advised accordingly.

We would not object if you held up the termination notice for a month or two at the most to allow the Operator to mine the ore now in sight, as suggested by the inspecting engineer. If such mining should indicate that further work is justified, please let us have a detailed report with your recommendations and substantiating assays.

We find it difficult to understand why when the contract provided for sinking a 45° shaft, presumably to follow the mineralized tactite, the Operator was allowed to sink into the footwall at an angle of approximately 75°.

Sincerely yours,

George C. Selfridge (JB)
Chairman, Operating Committee

WSMartin/ls 2/25/53

Approved:

J. H. Hedges (JB)
Member, Bureau of Mines

T. P. Thayer (JB)
Member, Geological Survey

CC: DOCKET
ADMN. READ. FILE
FIELD TEAM, REG. 3
OPER. COMMITTEE
CODE 400
R. W. GEEHAN, USBM
D. M. LEMMON, USGS

400

FILE COPY
SURNAME:

Martin
Chapman

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

R. W. GEEHAN, USBM
D. M. LEMMON, USGS

Copy to: DOCKET
ADMN. READ FILE
FT, REG. III
OPER. COMMITTEE
CODE 400

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
Packard # 1 and 2, and
Mill Pond claims
San Bernardino County, Calif.
Contract No. Idm-M-332

Dear Mr. Miller:

Reference is made to our telegram of February 16, 1953, advising you that drifting and crosscutting from shaft as asked for is not justified and that the contract should be terminated and the Operator advised accordingly.

We would not object if you held up the termination notice for a month or two at the most to allow the Operator to mine the ore now in sight, as suggested by the inspecting engineer. If such mining should indicate that further work is justified, please let us have a detailed report with your recommendations and substantiating assays.

We find it difficult to understand why when the contract provided for sinking a 45° shaft on the contact of granite and tactite the Operator instead sank into the footwall at an angle of approximately 75°.

Sincerely yours,

Chairman, Operating Committee

WSMartin/ls
2/25/53

Approved:

Member, Bureau of Mines

Member, Geological Survey

Revised by O.C.

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

FILE COPY
SURNAME:

Chapman
Martin

Defense Minerals Exploration Administration
TLChapman: WSMartin
5285 3538

February 24, 1953

H. C. Miller, DMEA Executive Officer, Region 3, 1012 Flood Building
870 Market St., San Francisco, California
Docket DMEA 2350, Hidden Hills Company, Contract Idm-1332

On basis of available information believe it advisable to recess project for six months provided Operator continues to mine ore. If mining uncovers evidence warranting further exploration then project may be resumed.

O. C. Selfridge, Chairman
Operating Committee

COPY TO: Docket
Field Team, Reg. 3 - CONFIRMATION
Operating Committee
D. M. Lemmon, USGS
R. W. Geehan, USBM
Code 400
Admn. Read. File
Audits Division, Bur. of Mines

TLChapman:WSMartin/ls

Docket

IN REPLY REFER TO:

G-MD-CF

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

February 18, 1953

Memorandum

To: W. S. Martin, DMEA

From: D. M. Lemmon

Subject: Interim Reports, DMEA-2354, Idm. E332, Tungsten
Hidden Hills Company
Birthday Star Prospect
Old Woman Mountains
San Bernardino County, California

I have reviewed interim reports by Frank J. Wiebelt (August 27) and by Benjamin H. Sheahan (November 7, December 5, and January 28). These reports show that the only exploration completed to January 8, was an inclined shaft 48 feet deep. Good tungsten ore was present in the first 5 feet of the shaft; low-grade material was present between 5 and 15 feet; granite without mineralization was reached at 20 feet and is present to the bottom of the shaft.

The work done has been slow and costly and has not been successful in following ore.

On December 5, Mr. Sheahan recommended that the exploration be discontinued because of excessive costs, but that equipment and supplies should not be removed until the ore exposed in the outcrop was mined and shipped. He suggested that the exploration be recessed and the contract be held in abeyance, thus allowing the operator to retain the aerial tram for use during production. On January 28, Sheahan pointed out that the contract expires February 2, and that if a time extension is granted, it should provide for drifting and cross-cutting from a higher elevation than the proposed 100-foot level.

Recommendation

9 The shaft work and all underground exploration should be stopped and the exploration project should be either terminated or recessed for 6 months to allow the operator to dig out the ore in sight. If the project is recessed and an exploration objective is indicated by removal of the exposed ore, an amendment should be drawn to permit additional work to the extent of funds remaining under the present contract.

DM Lemmon

D. M. Lemmon

Copy retained 400
W. S. Martin

FILE COPY
SURNAME:

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

Chapman
Martin
Selfridge

BW.

Defense Minerals Exploration Administration
TLChapman
5285 3538

February ~~13~~ 16, 1953

N. C. Miller, Executive Officer, DMEA Region 3, 1012 Flood Building,
870 Market Street, San Francisco, California
Docket DMEA 2354, Hidden Hills Company, Contract Idm-1532.

Drifting and crosscutting from shaft as asked for is not justified. Contract should be terminated and Operator should be advised accordingly. Letter follows.

G. C. Selfridge
Chairman, Operating Committee

CC: CONFIRMATION - REG. III
DOCKET
ADMN. READ. FILE
CODE 400
OPER. COMMITTEE
AUDITS

TLChapman/ls
2/13/53

J.H.
2-16-53

FILE COPY
SURNAME:

Chapman
Martin

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

Defense Minerals Exploration Administration
T. L. Chapman
5285 ~~3538~~

February 12, 1953

H. C. Miller, DMEA Executive Officer, Region 3, 1012 Flood Building,
870 Market Street, San Francisco, California
Docket No. DMEA 2354, Hidden Hills Company, Contract No. Idm-E332.

Will write amendment here as soon as you send us MF-104 forms complete through January. Advise Operator contract is extended four months, allowing lateral work on 60-foot level at approximately current rate of monthly expenditure. Advise us if 15 feet of drifting is sufficient to reach best position for crosscutting. We do not understand need for crosscutting to south.

G. C. Selfridge
Chairman, Operating Committee

CC: DOCKET
CONFIRMATION
CODE 400
AUDITS
OPERATING COMMITTEE

TLChapman/WSMartin/ls
2/12/53

Not Sent

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 9 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calfi.

AIR MAIL

February 3, 1953

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2354 (Tungsten), Contract Idm-E332, Hidden Hills Company, San Bernardino County, California

I have been requested by the subject company to amend its contract to permit the company to halt the sinking of the shaft at a depth of 60 feet in place of sinking it to the depths of 100 feet, as stipulated in Exhibit "A" of the contract. The shaft has run out of the ore and the Operator desires to drift, at a depth of 60 feet, 15 feet west and then crosscut north and south probably not more than 50 feet to contact the ore.

You will note in the inspection report, by Benjamin H. Sheahan, dated January 28, 1953, that he recommends the contract be amended to permit the Operator to explore the tactite above the planned 100 foot level.

The Operator also requests a five months' extension of time in which to complete the work.

A copy of a letter, dated January 31, 1953, from Mr. L. A. Otterson, Secretary-Treasurer, Hidden Hills Company, written partly in reply to my letters of December 8 and January 15, of which copies were sent to DMEA in Washington, requesting the amendment is attached.

As the requested amendment calls for a change of procedure which is outside my jurisdiction to grant, I am referring the matter to you with the request that you draw-up the appropriate amendment.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Enclosure

Copy to: E. H. Bailey, USGS
A. C. Johnson, Reno

C
O
P
Y

P. O. Box 549
Colusa, California
January 31, 1953

United States Department of the Interior
Defense Minerals Exploration Administration
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket DMEA-2354 (Tungsten)
Contract Idm-E332
Hidden Hills Company
San Bernardino County, Calif.

Attention: Mr. H. C. Miller
Executive Officer

Dear Mr. Miller:

In performance with the referenced contract, this company has dug a shaft in the designated spot shown on the sketch accompanying the contract to approximately 60feet. At this depth it appears that the shaft has crossed through a granite dike and drawn away from the ore body. It is felt that as there is no showing of ore at this depth, it would be advisable to drift 15 feet West then crosscut North and South until contact is made with the ore. It is our opinion that contact should be made in not more than 50 feet of crosscutting.

This letter is to request a deviation from the above contract to allow us to make contact with the ore at our present depth and for an extension of five months time for the balance of the contract. This is not a request for additional funds for this purpose. It is estimated that there is yet $4,000.00 to be spent on the contract.

In reply to your letters of December 8 and January 15, we would like to have the contract changed to allow depreciation on our compressor and tram hoist instead of purchasing these under the contract. We paid $850.00 for the compressor and $363.21 for immediate repairs to bring it to first class condition. The tram hoist was purchased used for $463.50. As yet we have not purchased a mine hoist but would like to leave it available on the contract. Both compressor and tram hoist were used throughout the eight months of the contract.

We suggest the IWC22 Victor Welding Torch be dropped from consideration in the contract.

The items for depreciation of 2-ton truck, jeep and jackhammer should be claimed and have been an oversight. The tractor was used only one month and depreciation is requested only for that period.

It appears that the amount allowed for supervision will be exceeded and should be increased to $1,200.00 if the time limit is extended.

We hope the above information will enable you to reinstate some of the disallowed items.

Very truly yours,

HIDDEN HILLS COMPANY
/s/ L. A. Otterson
By: L. A. Otterson
Secretary-Treasurer

LAO/mp

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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FEB 9 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

February 5, 1953

Mr. L. A. Otterson
Secretary-Treasurer
Hidden Hills Company
P. O. Box 549
Colusa, California

Re: Docket DMEA-2354 (Tungsten)
Contract Idm-[illegible]
Hidden Hills Company
San Bernardino County, Calif.

Dear Mr. Otterson:

We acknowledge your letter, dated January 31, requesting an amendment to your contract to permit you to drift from the 60 foot level of the shaft in place of sinking to the 100 foot level, as stipulated in the contract.

We note also that you desire a five months' extension of time in which to complete the work.

Your request is being referred to the Washington office, of the Defense Minerals Exploration Administration, and as soon as we hear from them we will communicate with you again.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: DMEA, Interior Building, Washington
E. H. Bailey, USGS
A. C. Johnson, Reno

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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FEB 6 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: February 2, 1953

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

WSM

Attached are four copies of Interim Report on -

Docket DMEA 2354

Contract Idm-E 332

Commodity Tungsten

Operator - Hidden Hills Company
P. O. Box 549
Colusa, Calif.

Property - Birthday Star Tungsten Prospect
San Bernardino County, Calif.

By Benjamin H. Sheahan, Mining Engineer

Dated January 28, 1953

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

OFFICE OF THE DIR.
Defense Minerals Administration
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FEB 6 1953

INTERIM REPORT

Docket No.: DMEA-2354X (Tungsten) January 28, 1953

Name and address of operator: Hidden Hills Co., a partnership composed of L. A. Otterson, Bert Craig, and Roger C. Wilbur, P. O. Box 549, Colusa, Calif.

Name and location of property: Birthday Star Tungsten prospect. The property is located on the southwest slope of the Old Woman Mountains, San Bernardino County, Calif.

Contract No.: Idm-E332

SUMMARY

The property was inspected by an engineer of the U. S. Bureau of Mines, accompanied by the superintendent, Mr. Bert Craig, on Jan. 8, 1953.

Advance of the exploration shaft amounted to 28 feet since the previous inspection on Nov. 20, 1952. At a depth of 20 feet, the shaft passed through tactite into granite and no scheelite mineralization was found from this depth to the bottom at 48 feet (see figs. 1 and 2).

The operation was not conducted efficiently. Progress was slow with high unit costs. The superintendent at the property and partners at Colusa, Calif. who prepare monthly reports have apparently included some unauthorized labor and supply items.

Photographs (figs. 3, 4, and 5) of the operation show some construction work which the operator first reported was done entirely on company account.

CONCLUSIONS

By crosscutting northwesterly from the shaft, toward the projection of the scheelite bearing tactite exposed along the outcrop, the downward continuation of the tactite pendent might be found.

RECOMMENDATIONS

For improvements of the operation:

1. A hoist and headframe authorized by the contract should be installed at the shaft.

2. The operator should attempt to drill, blast, muck and hoist one round per day on the shaft sinking operation.

Amendments to contract:

Before the entire exploration loan is used, the operator should request that crosscutting and drifting be authorized to explore the tactite above the planned 100 foot level.

Other recommendations:

It is recommended that the operators, L. A. Otterson, Roger C. Wilbur, partners, carefully check labor and supply items with their superintendent, Bert Craig, who is also a partner, and determine exactly what unauthorized expenses may have been included on monthly reports MF-104 forms. The unauthorized expenses should be paid by the operator.

STATEMENT OF WORK COMPLETED

The exploration shaft was advanced 28 feet in granite to a depth of 48 feet on Jan. 8, 1953.

Construction work and mining on company account is described in previous interim reports.

COMMENTS ON PROGRESS

The operator has made very slow progress. The crew consists of four men and includes Mr. Bert Craig, superintendent and three workmen. Two 3-foot rounds were drilled, blasted, mucked and hoisted by windlass per week. The operator has not installed the hoist and headframe at the exploration shaft as authorized by the contract. Three sets of timber were installed.

The superintendent was not familiar with the actual cost of the work. Mr. L. A. Otterson and Roger G. Wilbur, partners residing at Colusa, Calif., make out the company's monthly reports after receiving information from their superintendent.

The engineer reviewed the contract Idm-E332 with the superintendent and pointed out work completed and material used at the property that was not authorized.

Operating conditions are good, however considerable time is lost by workmen walking up the steep trail from the access road. All supplies are transported up the steep mountain side by tramway. The workmen are not experienced miners and the supervision is poor.

The operator's monthly reports are poorly prepared and have been erroneous.

GEOLOGY AND MINERALIZATION OF ORE ENCOUNTERED

Scheelite mineralization continues to depth of approximately 15 feet. No mineralization has been encountered below this depth and the bottom of the shaft is in granite.

The granite dike, possibly covered with talus that has southwesterly dip, has intruded into the tactite.

A sketch map (fig. 2) shows the geologic structure as it appeared to the inspecting engineer. Contacts are very irregular in outline. Good scheelite values were found near the surface in the tactite. The shaft was too steep to follow the tactite down the dip. It will be necessary to crosscut northwesterly from the shaft to locate the tactite at its projected position from the outcrop.

RESULTS OF CHECK SAMPLING AND ASSAYING

See sketch map fig. 1 for sample locations.

Sample No.	% WO_3	Width, feet	Remarks
S-144	1.49	4.0	Surface outcrop.
S-145	2.76	4.0	West side of shaft; 5 feet below collar.
S-146	0.17	4.0	" " " " ; 10 " " "
S-147	*0.01	3.5	" " " " ; 15 " " "
S-148	*0.01	3.0	" " " " ; 20 " " "
S-149	70.54	-	Grab sample taken by operator of 560 pounds of concentrates stored in cabin.
S-172	*0.01	3.0	West side of shaft 48 feet below collar. No scheelite was observed under ultraviolet light.

*Less than.

OTHER INFORMATION

Exploration costs are unreasonably high. A list showing the expenditures follow:

Month	Monthly Total	Cumulative Total	Work completed
June 1952	$2,786.08	$2,786.08	Road construction, equipment and supplies hauled.
July "	1,922.95	4,709.03	

Month	Monthly Total	Cumulative Total	Work completed
August 1952	$1,426.69	$6,135.72	Tramway completed. Shaft site prepared Aug. 12, 1952.
Sept. "	1,165.08	7,300.80	
October "	1,795.50	9,096.30	Shaft 5 feet deep. Oct. 23, 1952.
November "	MF-104 not available		Shaft 20 feet deep. Nov. 20, 1952.
December "	MF-104 not available		
January 1953 -	MF-104 not completed		Shaft 48 feet deep. Jan. 8, 1953.

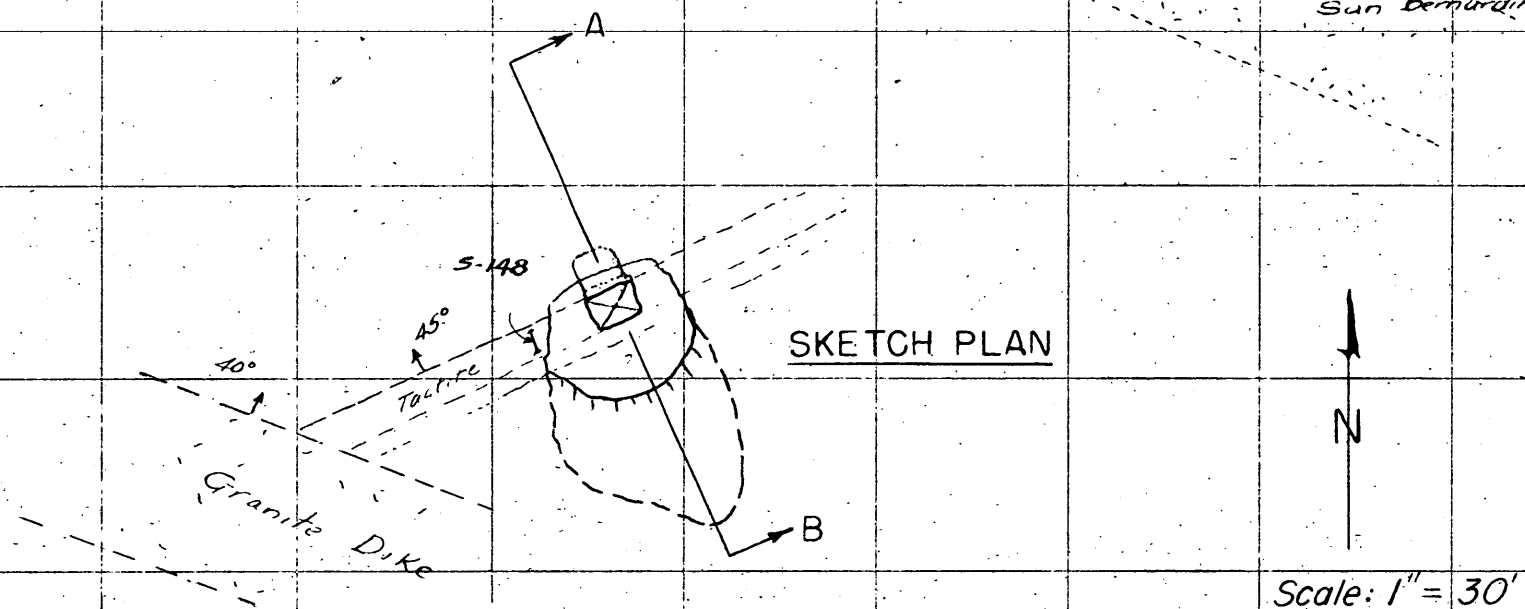
The inspecting engineer discussed the costs shown on the MF-104 forms with Mr. Bert Craig, who claimed that his partners, Mr. L. A. Otterson and Roger C. Wilbur of Colusa, Calif., may have included some unauthorized labor and supply costs. Mr. Craig said that he would check labor and supply items listed on the exploration project with his partners on their next visit to the property, and that some adjustment would be made.

The contract amounting to $16,800 was signed June 2, 1952. The period of the contract is eight months, and will expire on Feb. 2, 1953. The operator intends to request an extension to the contract time.

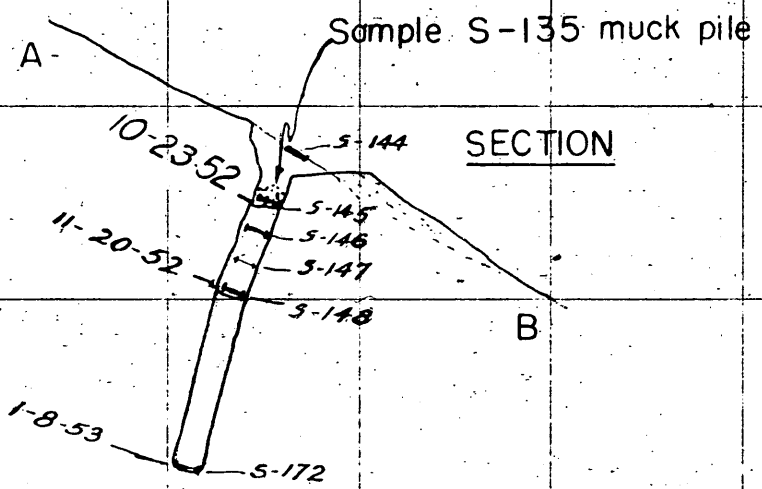
Benjamin H. Sheahan

Benjamin H. Sheahan
Mining Engineer

HIDDEN HILLS BIRTHDAY STAR
DMEA 2354 (tungsten)
contract Idm-E 332
San Bernardino Co, Calif.



SKETCH PLAN

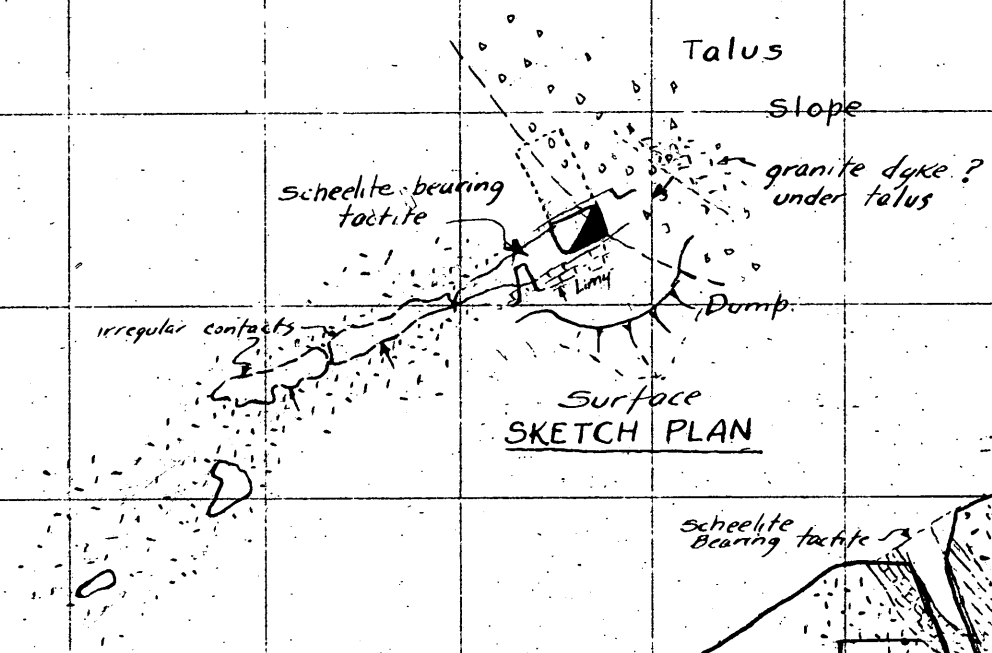


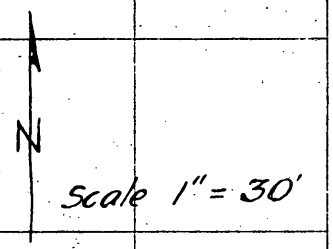
SECTION

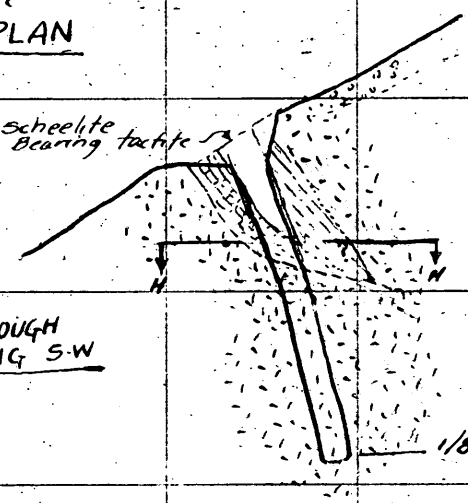
Sketch to accompany Interim report - Nov. 7, 1952
Nov. 28, 1952
Jan. 23, 1953

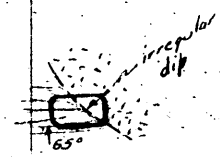
FIGURE 1

HIDDEN HILLS BIRTHDAY STAR
DMEA 2354 (tungsten)
contract Idm-E 332
San Bernardino Co.
California







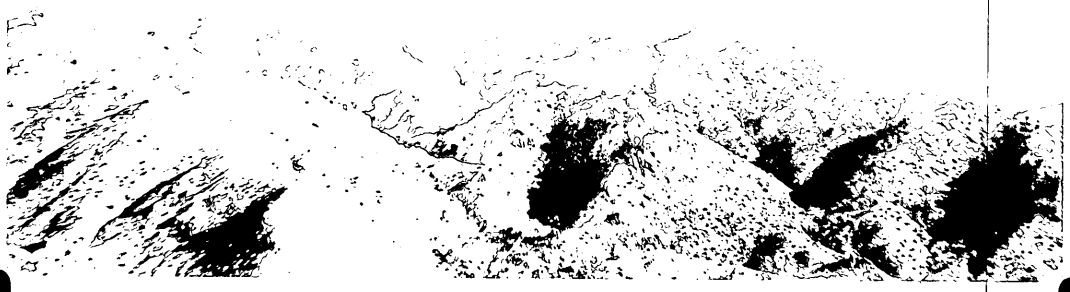


Horizontal Section H-H

Geologic
SKETCH MAP TO
Accompany Interim Report
1-23-53
BHS

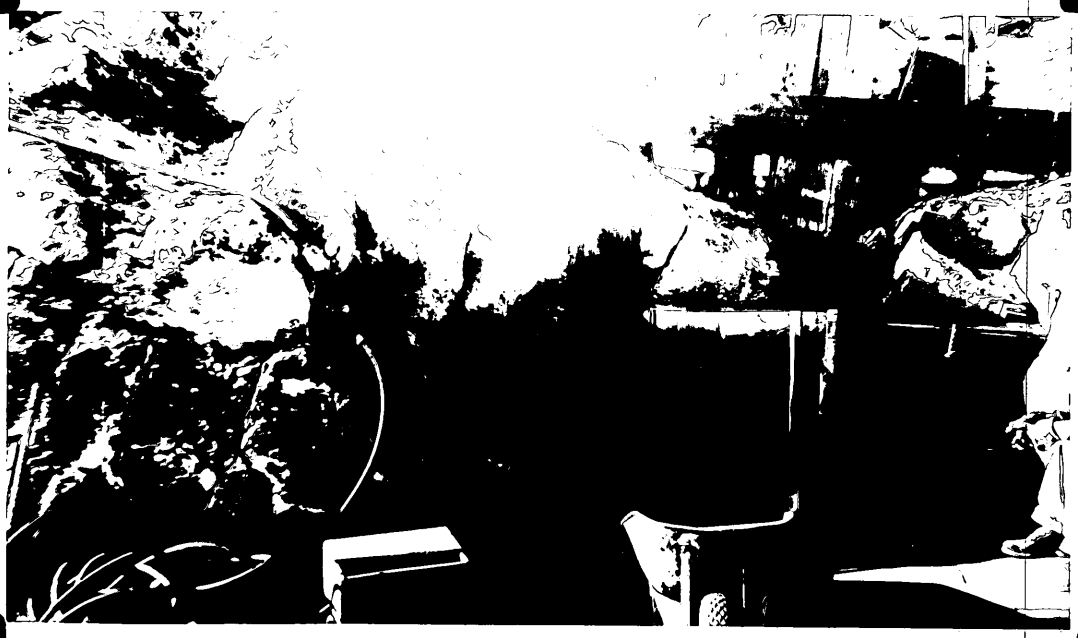
FIGURE 2

"ALBANENE" NO. 1950 K+E CO., N.Y.
REG. U.S. PAT. OFF.

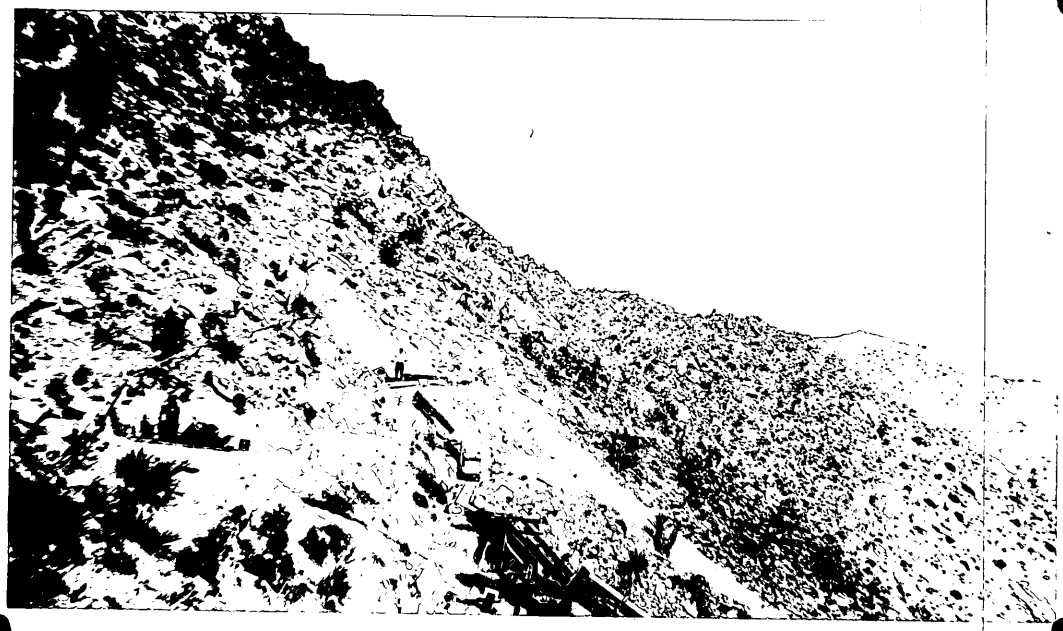


View looking southeasterly from exploration shaft dump toward Old Woman Mountain showing topography.

Figure 3.



Exploration shaft Contract Idm-E332

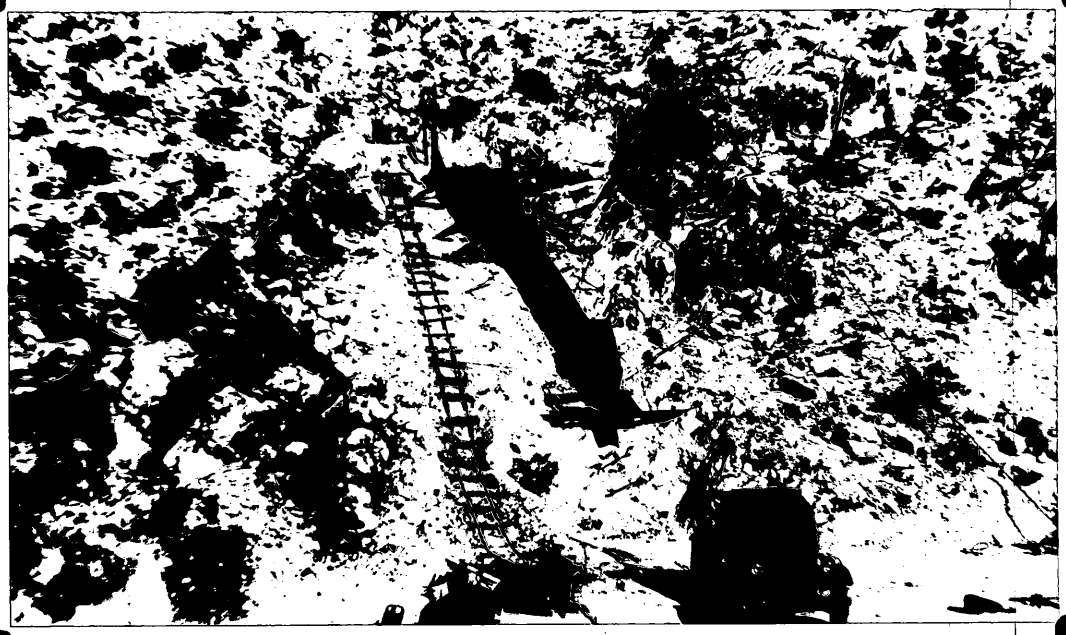


View looking northeasterly - Exploration shaft.

Good shot.

Figure 4.

View looking northeasterly toward loading bin at upper end of tramway near shaft.



View of lower end of tramway showing ore bin.

Figure 5.

400

Office of
Executive Officer
DMEA Field Team
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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FEB 3 1953

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

January 30, 1953

WSM

Hidden Hills Company
P. O. Box 549
Colusa, California

Re: Docket DMEA-2554 (Tungsten)
Contract Idm-8532
Hidden Hills Company
San Bernardino County, Calif.

Gentlemen:

I am wondering if you are aware of the fact that your contract with the Government for exploring your property in San Bernardino County expires on February 2. To date we have had no request from you for an extension of time.

It will be necessary to amend your contract if, for justifiable reasons, you will need more time to complete the work. I cannot do this, however, unless you request an extension indicating why you want more time and how much additional time is desired.

I would also like an early reply to my letter dated January 15, 1953.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: DMEA, Interior Building, Washington
A. C. Johnson, Reno
E. H. Bailey, USGS

HCMiller:mpp
Files
Chron.

400/
WSM

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 16 1953

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

January 15, 1953

Hidden Hills Company
P. O. Box 549
Celusa, California

Re: Docket DMEA-2354 (Tungsten)
Contract Idm-E332
Hidden Hills Company
San Bernardino County, Calif.

Gentlemen:

Our auditor has called my attention to the notes stapled to your June 1952 MF-104 form, Operator's Monthly Report and Voucher, reading as follows:

"Depreciation is claimed in lieu of rental on the compressor and in lieu of purchase of hoist as these items were purchased prior to the contract."

We note, in accordance with the above statement, that each month you are including in your vouchers an item for depreciation amounting to $111.90. This item is being suspended each month until we prepare an amendment to your contract substituting depreciation for rental of compressor and purchase of hoist, as is included in the contract.

Before we can prepare the amendment and take care of the depreciation item we will have to know the following: (1) what was the purchase cost of the compressor? (2) was it the tram hoist or the mine hoist you purchased prior to the date of the contract? (3) what was the purchase cost of that hoist? (4) if you purchased the mine hoist do you plan later to purchase the tram hoist or vice versa?

Upon receipt of this information, we will see what we can do about amending your contract.

Sincerely yours,

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: DMEA, Interior Building, Washington
E. H. Bailey, USGS
A. C. Johnson, Reno

HCMiller:mpp
Files, Chron.

CONTRACT IDME332, $16,800.00 PROJECT No DMEA 235-4 HIDDEN HILLS CO. SAN BERNARDINO CO. CALIF.
GOVT. SHARE 75% 12,600.00 TUNGSTEN.
INCLINED SHAFT. 100 FT
DRIFT. 150 FT

RESUME OF PERFORMANCE

MONTH.		WORK	FEET ADVANCE MONTH	FEET ADVANCE TO DATE	COST MONTH	COST TO DATE	WAGES	EQUIPMENT	SUPPLIES	OTHER
JUNE	1952	ROADS & PREPARATION			211632	211632	1342.00	110.00	22.93	43.49
JULY	1952	" "			181105	392737	1170.00	41.21	16.82	6.02
AUG.	1952	" "			131479	524216	879.00		23.51	20.28
SEPT.	1952	" "			105318	629534	889.00		10.21	6.29
OCT.	1952	SHAFT	20	20	1683.60	1683.60	1333.00		18.39	167.21
NOV	"	"	25	45	1461.51	3145.11	1267.00		140.94	53.57
DEC.			8	53	1233.51	4378.62	1154.00		39.57	39.94

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 19 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: Dec. 12, 1952

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 2354

Contract Idm-E 332

Commodity Tungsten

Operator - Hidden Hills Co.

Property - Birthday Star Tungsten Prospect
San Bernardino County, Calif.

By Benj. H. Sheahan, Mng. Engr.

Dated Dec. 5, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

Department of the Interior
Bureau of Mines

INTERIM REPORT

Docket No.: DMEA-2354X (tungsten) Dec. 5, 1952

GCL 12/22/52

Name and address of operator: Hidden Hills Co., a partnership composed of L. A. Otterson, Bert Craig, and Roger C. Wilbur, P. O. Box 549, Colusa, Calif.

Name and location of property: Birthday Star Tungsten Prospect.

The property is located on the southwest slope of the Old Woman Mountains, San Bernardino County, Calif. To reach the property from U. S. Highway 66, travel south from Danby a distance of 11.5 miles on a fair dirt road to intersection, turn left and follow poor road easterly 10.3 miles to the property.

Contract No.: Idm-E332

SUMMARY

The property was inspected by an engineer of the U. S. Bureau of Mines on Nov. 20, 1952. The engineer was accompanied by Mr. Bert Craig, superintendent and partner in the operation. A previous inspection was made of the exploration work being conducted at the property on Oct. 23, 1952.

The operator has sunk the exploration shaft 20 feet or 15 feet since the previous inspection. Although the MF-104 forms for recent months are not available at the office of the U. S. Bureau of Mines, Mining Division, Region III, the cost of conducting this contract are unreasonably high because of the slow progress being made.

Tungsten mineralization has decreased from better than 1% ore at the surface to practically nothing in the bottom of the shaft. Samples were taken at 5-foot interval at locations as shown on sketch map

attached to this report.

CONCLUSIONS

1. Exploration costs are excessive.

2. A marked decrease of scheelite values has occurred as the operator has sunk on the tactite. The examining geologists predicted this possibility on the original examination of the property.

3. There is a possibility that at some other point along the tactite, scheelite values might go down.

RECOMMENDATIONS

1. The exploration work should be discontinued because of the excessive costs.

2. Equipment and supplies should not be removed from the property until the ore exposed on the outcrop is mined.

3. Tungsten values in the tactite along the outcrop are good and some ore containing 1% WO_3 could be mined. Such a surface mining operation might locate a point where the ore might persist in depth.

STATEMENT OF WORK COMPLETED

The exploration shaft was sunk from a depth of 5 feet on Oct. 23, 1952 to a depth of 20 feet on Nov. 20, 1952.

Construction work and mining on company account is described in the previous inspection report.

COMMENTS ON PROGRESS

The operator has made very slow progress. A collar set and windlass was installed. The crew consisted of Mr. Bert Craig and three workmen.

Drilling was done with a jackhammer and the average round consisted of eleven 4-foot holes with a pyramid cut. According to the superintendent, the drilling cycle required four hours. Blasting was done with 40% dynamite. According to the operator the rock was considerably harder as depth below the surface increased. Retimbering the collar set, installing the windlass and mucking the broken rock required two days per round.

The superintendent stated that the men worked a 6-day week with no overtime for the sixth day.

Some road repair work was done which consisted of dragging a few miles of the road.

OPERATING CONDITIONS

Operating conditions are good, however considerable time is lost by workmen hiking up the steep trail from the access road located one-fourth mile from the shaft. The workmen are not experienced miners and the supervision is poor.

SAMPLING

Samples were taken by the superintendent and the engineer at locations along the southwest side of the shaft. Analyses were determined by the U. S. Bureau of Mines, Metallurgical and Ore Dressing Branch, Reno, Nev. (See attached sketch).

A grab sample of the muck pile from the shaft taken on Oct. 23, 1952 contained 0.43% WO_3.

Sample No.	%,WO_3	Width/feet	Remarks
S-144	1.49	4.0	Surface outcrop
S-145	2.76	4.0	West side shaft 5 ft. below collar.

Sample No.	%, WO_3	Width/feet	Remarks
S-146	0.17	4.0	West side shaft 10 feet below collar
S-147	*0.01	3.5	" " " 15 " " "
S-148	*0.01	3.0	" " " 20 " " "
S-149	70.54	-	Grab sample taken by operator of 560 pounds of concentrates stored in cabin.

*Less than.

GEOLOGY

The shaft was collared in epidote-rich tactite containing scheelite mineralization. At a depth of approximately 12 feet, the tactite changed to a hard silicated rock containing practically no scheelite. There was no apparent faulting of the tactite, but a general transition to a hard silicated rock. The tactite along the southwest side of the shaft appeared to contain more scheelite mineralization than on the northwest side. The ore may be raking to the southwest, and if this condition continued, it would be cut off by the granite dike.

OTHER INFORMATION

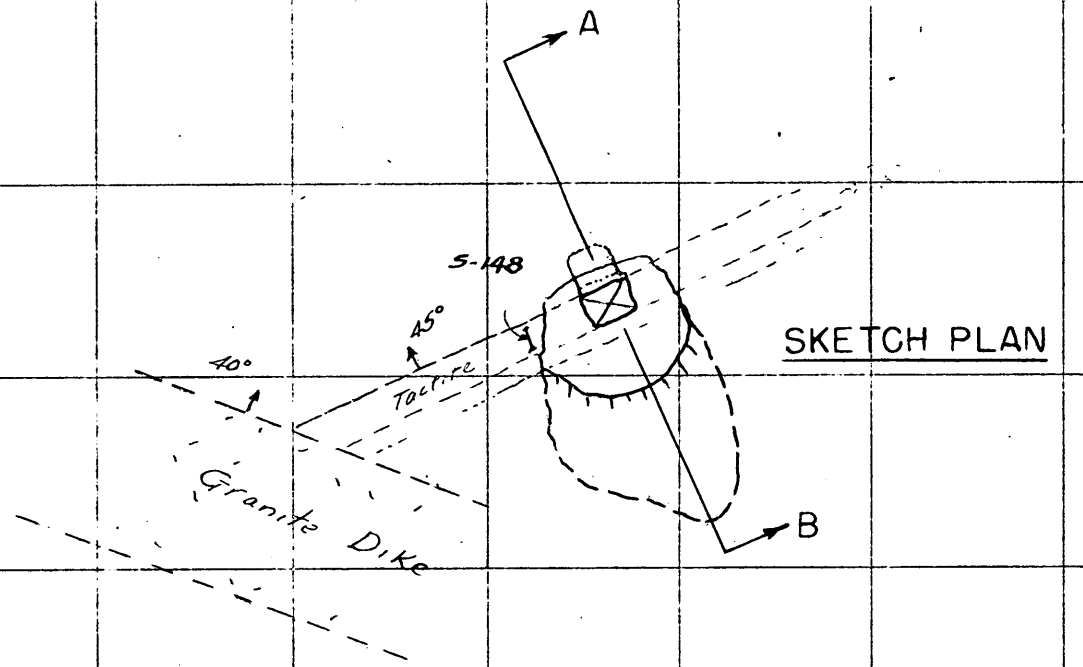
The operator intends to sink a little deeper at the present shaft location, before applying for an amendment to the contract to sink at a location 30 feet to the southwest of the present shaft location and on the mineralized scheelite bearing tactite outcrop.

As there is some ore exposed along the tactite outcrop, the use of the tramway would be needed for transporting the ore down the hillside if the operator were allowed to conduct a mining operation. Under such circumstances the exploration work might be discontinued and the contract held in abeyance. Mining the best ore along the outcrop could locate a place where the ore might persist in depth.

Benjamin H. Sheahan

Benjamin H. Sheahan
Mining Engineer

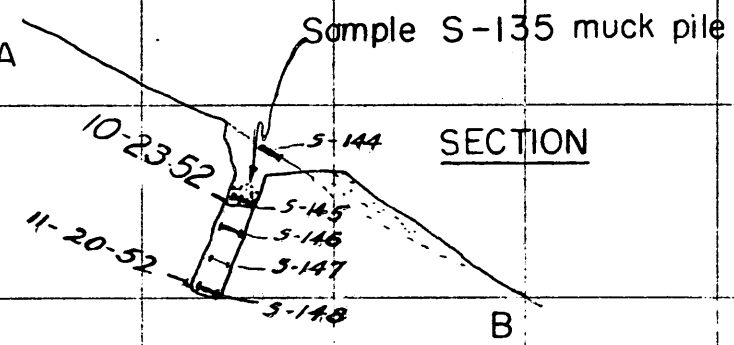
HIDDEN HILLS BIRTHDAY STAR
DMEA 2354 (tungsten)
contract Idm-E 332
San Bernardino Co, Calif.



SKETCH PLAN

N

Scale: 1" = 30'



SECTION

Sketch to accompany Interim report - Nov. 7, 1952
Nov. 28, 1952

FIGURE 1

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 12 1952

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

December 8, 1952

Hidden Hills Company
P. O. Box 549
Colusa, California

Re: Docket DMEA-2354 (Tungsten)
Contract Idm-E332
Hidden Hills Company
San Bernardino County, Calif.

Gentlemen:

On October 29, 1952 we wrote you that your June, July and August voucher had been passed for payment with certain exceptions. We indicated in that letter that certain of the suspended items might be reinstated, and with that in mind we are again writing for certain information which we trust you will give us promptly.

We note that you claim nothing for depreciation for the items (2-ton truck, jeep, tractor with bulldozer and jackhammer) owned by you, listed under Item (4) of Exhibit "A" of the contract under the heading "Operating Equipment." Was this an oversight or do you plan not to claim this depreciation?

As you purchased your compressor and mine hoist referred to in Item (4) of Exhibit "A" under the heading "To be purchased" before the contract was executed, you have not asked for a contribution by the Government of their cost, but have submitted a claim for depreciation of $335.70 which was disallowed. This was the correct thing for you to do but before we can allow you depreciation we must amend your contract, and before we can do that we must know the price you paid for the compressor and the hoist so we can figure how much is allowable for depreciation. The depreciation allowance per month is figured at one sixtieth of the cost or current value of the equipment. Did you at the same time purchase the tram hoist for which you were allowed $250, or is that to be purchased later?

If the compressor you purchased was a second-hand one we can probably allow the item of $363.21 for repairs which was suspended.

The item 1 WC 22 Victor Welding and Cutting Unit Complete - $169.65 was suspended because the purchase of that piece of equipment was not included in the contract. Can you justify the purchase of this equipment as a necessary item for carrying out your exploratory program?

As the preparation work under your contract has been very slow, do you expect that your allowance of $2500 for supervision will be exceeded?

Upon receipt of answers to the above questions, we will proceed to see what we can do to reinstate at least some of the disallowed items.

Sincerely yours,

H. C. MILLER

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Copy to: E. H. Bailey, USGS
A. C. Johnson, Reno, Nevada
DMEA, Interior Bldg., Washington, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 24 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: Nov. 19, 1952

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 235MX

Contract Idm-E 332

Commodity Tungsten

Operator - Hidden Hills Company

Property - Birthday Star Tungsten Prospect
San Bernardino County, Calif.

By Benj. H. Sheahan

Dated November 7, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
NOV 12 1952

INTERIM REPORT

Docket No.: DMEA-2354X (tungsten) November 7, 1952

Name and address of operator: Hidden Hills Co., a partnership composed of L. A. Otterson, Bert Craig, and Roger C. Wilbur, P. O. Box 549, Colusa, Calif.

Name and location of property: Birthday Star Tungsten Prospect. The property is located on the southwest slope of the Old Woman mountains, San Bernardino County, Calif. To reach the property from U. S. Highway 66, travel south from Danby a distance of 11.5 miles on a fair dirt road to intersection, turn left and follow poor road easterly 10.3 miles to the property.

Contract No.: Idm-E332

SUMMARY

The property was inspected by an engineer of the U. S. Bureau of Mines on October 23, 1952. A previous inspection was made of the property by an engineer of the U. S. Bureau of Mines on Aug. 12, 1952.

Mr. Bert Craig, supervisor of the exploration work, and three workmen constitute the crew.

The operators MF-104 and narrative reports for the months of September and October have not yet been received by this office. Progress on the exploration work has been very slow. Most of the work done to date has been preliminary to shaft sinking operations. The shaft was sunk to a depth of 5 feet and showed some scheelite mineralization in the tactite, but very little ore. The operator mined 18 tons of ore from which 560 pounds of 60% WO_3 concentrates were recovered.

CONCLUSIONS

(1) Tramway construction work, authorized with the exploration contract, and work done by the operator on his own account including the construction of ore bins, should not have been done before some

preliminary exploration work was completed.

(2) An efficient and experienced crew will be required in order to complete the exploration work within the time allotted by the contract or at the estimated cost.

RECOMMENDATIONS

For improvement of operations:

(1) The supervisor will have to obtain an efficient crew of workmen on shaft sinking exploration work. At least one 3½-foot round should be drilled, blasted and hoisted from the shaft each work day.

(2) Unless satisfactory progress is made on the shaft sinking exploration work, the contract should be terminated. ✓

STATEMENT OF WORK COMPLETED

The exploration shaft (see fig. 1) was sunk to a depth of 5 feet on October 23, 1952. Only a part of the muck was removed from this shaft.

The operator has also completed the construction of the 800-foot single span tramway. A compressor and equipment for the exploration work has been transported up the mountain side from the access road at the lower end of the tramway.

The operator has constructed an ore bin at the lower end of the tramway on his own account. A small loading chute at the upper end of the tramway was constructed. A 75-foot haulage track from the loading chute to a small chute near the proposed shaft was also constructed.

The operator recovered 18 tons of ore on his own account. The ore was milled at a small concentrating plant at Danby and according to Mr. Bert Craig, 560 pounds of 60% WO_3 concentrate was recovered. This

ore might have been lost down the steep hillside if the operator had not taken care to recover it.

COMMENTS ON PROGRESS

The operator has made very slow progress on the exploration work. The exploration shaft is hardly started.

The operator's August MF-104 showed that he had expended $6,135.72 and had done no work on the actual shaft sinking operation.

The completion date of the contract is February 2, 1953. The remaining exploration work includes 95 feet of shaft sinking and 150 feet of drifting. The installation of a small hoist with headframe as authorized by the contract will be needed when the shaft is deeper.

OPERATING CONDITIONS

Operating conditions are fairly good from the standpoint of geologic structure. The tactite drills and breaks well, and the ground is dry. No timber has been needed and may not be required later.

The prospect is located in a region of rugged topography. The hike from the end of the access road is tiresome to the workmen, and may account for part of the lack of efficiency. Experienced strong miners and workmen are scarce in this part of San Bernardino County.

SAMPLING

One sample was taken from the muck pile in the shaft as shown on figure 1 and analyzed by the U. S. Bureau of Mines: S-135 - 0.43% WO_3.

OTHER INFORMATION

Equipment and facilities at the property:

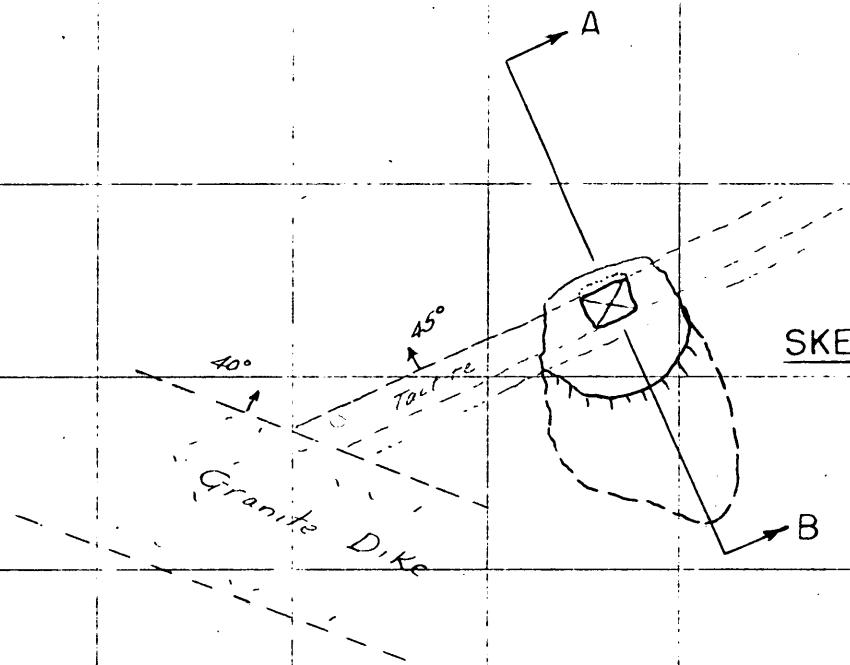
1 800-foot tramway, 5/8-inch cable load line and 5/16-inch hoist line on 30 degree slope.

1 6-cubic foot tram bucket
1 40-gallon water bucket
1 15-ton capacity metal ore bin at lower end of tram
1 Tram bucket loading chute, 3-ton capacity
75 feet of track and 12 cubic foot car at shaft
1 6-horsepower gasoline driven tram hoist
1 Air compressor, 120 c.f.m.
1 Jackhammer with assessories
1 Truck, 2-ton
1 Truck, pickup, 1/2-ton
An assortment of small tools, picks and shovels.

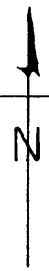
Benjamin H. Sheahan

Benjamin H. Sheahan
Mining Engineer

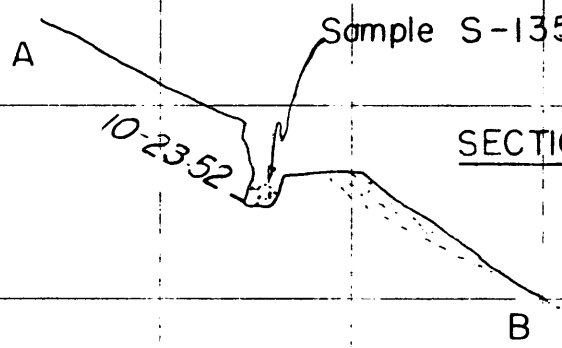
HIDDEN HILLS BIRTHDAY STAR
DMEA 2354 (tungsten)
contract Idm-E 332
San Bernardino Co, Calif.



SKETCH PLAN



Scale: 1" = 30'



SECTION

Sketch to accompany Interim report - Nov. 7, 1952

FIGURE 1

Chapman/11-10-52
Rewritten by AEKane/11/12/52

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

140

FILE COPY
SURNAME:

Chapman
Neilridge
Talbert
Rewritten by AEKane

NOV 17 1952

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA-2354 (Tungsten)
Hidden Hills Company, Idm-E332
San Bernardino County, California

Dear Mr. Miller:

We are in receipt of MF-104 forms for June, July and August, 1952, for the above-noted project. The inspection report of Frank J. Wiebelt, Engineer of Mines, is also at hand.

We note that the depreciation claimed for the equipment referred to in Item (4) of Exhibit "A" as "Owned by the Operator" was disallowed. As a depreciation allowance for such equipment is specifically provided for in the contract, please advise us of the reason for its disallowance.

Since the two hoists referred to in Item (4) of Exhibit "A" under the heading "To be purchased" were actually purchased by the Operator before the contract was executed, and the Operator has not asked for a contribution by the Government to their cost but for a depreciation allowance on them, the contract should be amended to disallow the purchase allowance and to substitute therefor a depreciation allowance.

In lieu of claiming rental for the compressor provided for in Item (4) of Exhibit "A" under the heading "Operating Equipment", the Operator is asking for a depreciation allowance on it and has apparently purchased this item. Thus the contract should also be amended to delete the provision for rental and to substitute therefor a depreciation allowance for this item.

Since these changes will alter the total amount allowed for depreciation (a starred item), after you have

obtained the cost of these items so that you can estimate the depreciation allowance on them, you should return the amendment to the Washington office for signature.

These changes probably will reduce the estimated total cost of the project, and the amendment should also indicate the revised figure.

The preparation work has been very slow and for this reason, it is probable that the supervision allowance will be exceeded.

Sincerely yours,

Frank E. Johnson (24B)

Chairman, Operating Committee

AEKane/ema/10-12-52

cc: Mails & Files
Adm. R. File
Op. Comm.
Mr. Hedges
Mr. Thayer
G.C.Selfridge
A. E. Kane
J. L. Hofflund
Chron.
Pending

Approved:

J. H. Hedges (24B)

Member, Bureau of Mines

E. L. McKnight (24B)

Member, Geological Survey

11-17-52

TLChapman'lm
11/10/52

FILE COPY
SURNAME:

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

cc: Admn. Reading File
Docket
R. M. Gerhan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. C. Selfridge
T. L. Chapman

Chapman
Selfridge
Fathauer

Mr. H. G. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

rewritten by
ATKane 11/12/52
Lema

Re: Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
San Bernardino County, California

Dear Mr. Miller:

We are in receipt of MF-104 forms for June, July and August, 1952, for the above-noted project. The inspection report of Frank J. Wiebelt, Engineer of Mines, is also at hand.

We note that depreciation on equipment was disallowed. As there is a depreciation allowance in the contract, we would appreciate the reason for this disallowance.

We believe an amendment should be written making a depreciation allowance on equipment purchased by the Operator before the contract was executed and for which a purchase allowance was made in the contract.

After obtaining cost of equipment, you may write this amendment deleting the maximum allowable for depreciation and inserting the new maximum. It will be necessary to return this to Washington for signature.

The preparation work has been very slow and for this reason, it is probable that the supervision allowance will be exceeded.

Sincerely yours,

Chairman, Operating Committee

Approved:

Member, Bureau of Mines

Member, Geological Survey

Happy Hill Co

Order 2384. Contract No. 332

Rehabilitation & Construction	$4,500.00
Mining	12,300.00
Total	16,800.00
Spent to Sept. 1 1952.	[illegible]
Balance	10,500.00
Money necessary for mining	10,500.00

To date this has been spent on rehabilitation and construction of tramway etc. which has reduced costs etc. Unless there is improvement in process, operation will run short of funds.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: September 4, 1952

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA 2354X

Contract Idm-E 332

Commodity Tungsten

Operator - Hidden Hills Company
Colusa, California

Property - San Bernardino County, California
30 miles south of Essex

By Frank J. Wiebelt

Dated August 27, 1952

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (with one copy of report)
E. H. Bailey, USGS (with one copy of report)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 1952

INTERIM REPORT

Docket No. DMEA-2554X (tungsten)

August 27, 1952

Name and address of Operator and Name and location of property : Hidden Hills Company, a partnership composed of L. A. Otterson, Bert Craig, and Roger C. Wilber, P. O. Box 549, Colusa, Calif. The property is in the Old Woman Mountains and is about 50 miles south of Essex, San Bernardino County, California.

Contract No.: Idm-2332

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

The mine was visited on August 12, 1952. Bert Craig, supervisor of the mine accompanied the examining engineer during the inspection. The work accomplished to date was inspected and details of Operator's Monthly Report were discussed with Mr. Craig. At the time of the examination, the company was getting ready to install ore bins at both ends of the aerial tramway and the examining engineer informed Mr. Craig that the labor and material for these bins would have to be paid for by the company because the contract does not call for ore bins. No recommendations are necessary at this time.

STATEMENT OF WORK COMPLETED

The company has completed repairs on the old portion of the access mine road and extended this road about 1,000 feet to the base of the aerial tramway. The tram cable and tram hoist, compressor and pipe line have been installed and the shaft site has been cleared of overburden.

COMMENTS

The work to date has been done in a workmen-like manner and under difficult conditions. The terrain is very steep and rugged and instal-

lation of tramway cable and hoist at upper end of cable and the compressor at the site of the proposed shaft were a difficult undertaking. The Operator's Report for month of June was returned to operator for numerous changes. All work to date has been preliminary to actual sinking of shaft operations.

SAMPLING

No samples were taken.

OTHER DATA

Installation of ore bins will delay actual shaft sinking operations. Installation of ore bins (at company cost) will save valuable ore from later shaft sinking operations which otherwise would be lost down steep mountain side.

Frank J. Wiebelt
Mining Engineer

WASHINGTON OFFICE
MAR 15 1937
RECEIVED
BUREAU OF MINES
DEPARTMENT OF INTERIOR

FILE COPY
SURNAME:

200

Adams

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

JUL 29 1952

Mr. H. C. Miller
Executive Officer
Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Mr. Miller:

There is enclosed herewith the Finance Office's copy of Exploration Project Contract Idm-E-332, Docket No. DMEA 2354, on the Hidden Hills Company.

Ordinarily this copy of the contract would be transmitted by the Bureau of Mines Fiscal Office, however, in accordance with a new Operating Committee Memorandum, the copy for the Finance Officer will be distributed by the Executive Officer at the time a copy is retained for his files, and a copy forwarded to the Operator.

The Operating Committee Memorandum covering this change will be issued shortly.

Sincerely yours,

C. O. Mittendorf (fw) 7/29/52

Acting Administrator
Defense Minerals Exploration
Administration

Enclosure

READams/meb
7-28-52
cc to: Adm.Reading File
Mails & Files Br.

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

July 18, 1952

Memorandum

To: DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2354X (Tungsten), Hidden Hills Company, Exploration Project Contract Idm-E332

Attached are the original and three copies of Exploration Project Contract Idm-E332, dated June 2, 1952, duly executed by the Government and the three men composing the partnership controlling the Hidden Hills Company.

We are retaining the Field Team's copy and are expecting return of the Finance Office's copy from you shortly.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to E. H. Bailey, USGS
A. C. Johnson, Reno

400

FILE COPY
SURNAME:

Selfridge.

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

JUN 17 1952

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 2354 - Tungsten
Hidden Hills Company
Packard No. 1 & 2 and Mill Pond claims
San Bernardino County, California

Dear Mr. Miller:

We are enclosing the original and five copies of the above-referenced exploration project contract which you recently returned for minor revision. The name of Bert Craig has been added as one of the applicant partners and the cable sizes have been changed as requested.

If the terms and conditions of the contract are now satisfactory to you and the partners, all six copies should be signed by all of them and then the usual distribution made.

Sincerely yours,

(signed) FRANK E. JOHNSON (FHJ) 6/18

Chairman, Operating Committee
Defense Minerals Exploration Administration

Enclosures

GCSelfridge:ls 6/17/52

Approved:

C. N. Johnson (FHJ)
Member, Bureau of Mines

D. M. Lemmon (FHJ)
Member, Geological Survey

cc: Docket
Admn. Read. File
Field Team, Reg. 3
G. C. Selfridge
Operating Committee
D. M. Lemmon, USGS
R. W. Geehan, USBM

P.S. - We have replaced the original docket copy because it was misplaced either in your office or here in Washington.

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR 140
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

June 13, 1952

Memorandum

To: Acting Administrator

From: Chief Counsel

Subject: Hidden Hills Company, Docket No. DMEA-2354

The subject contract, already signed by you and approved by the Operating Committee, has been reformed in two minor respects as indicated in the memorandum of H. C. Miller, Executive Officer, DMEA Field Team, Region III, to you dated June 10, as follows:

1. The name of Bert Craig has been added as one of the applicant partners.

2. The size of cable has been changed from 3/4" and 3/8" to 5/8" and 5/16".

J. L. Hofflund
Chief Counsel

Attachment
JLHofflund/em

Copy to: Mails and Files
J. L. Hofflund
G. C. Selfridge
chron.

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

Office of
Executive Officer
DMEA Field Team
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 12 1952

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

June 10, 1952

Air Mail

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, Defense Minerals Exploration, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2354X (Tungsten), Hidden Hills Company, San Bernardino County, California, Exploration Project Contract Idm-E332

Reference is to your subject letter, dated June 2, with which you enclosed the original and five copies of the subject Exploration Project Contract, signed by Mr. Mittendorf for the Government.

Upon receipt of the contract, the six copies were sent to the applicant for the signature of the two partners, with the usual request to return them unsigned if the terms of the contract are not acceptable.

Accordingly, Mr. L. A. Otterson, one of the partners, returned all six copies unsigned, "with a request that Mr. Bert Craig be included as one of the partners in the Hidden Hills Company." Mr. Craig will be in direct charge of mining operations according to Mr. Otterson. As I am not sure that I have the authority to add another partners name to a contract, the six copies are being returned to you to add Mr. Craig's name if it is legal to do so.

At the same time, Mr. Otterson also requests "that under Exhibit A, Section 3, that the cable sizes be changed to 5/8" and 5/16", respectively, instead of 3/4" and 3/8", unless these variations are considered reasonable allowances."

All other phases of the contract are satisfactory to Mr. Otterson.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment
Copy to: E. H. Bailey, USGS

FILE COPY
SURNAME:

Chapman
Selfridge.
Geehan

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

JUN 2 1952

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 234X - Tungsten
Packard No. 1 & 2 and Mill Pond
Claims
San Bernardino County, California

Dear Mr. Miller:

We are enclosing the original and five copies of the above referenced exploration contract signed by this office for the Government, together with Annex I, Exhibit "A" (3 pages), areal map and idealized sketch map attached thereto.

If the terms and conditions of this contract are satisfactory to you and the Operator, all six copies should be signed by all the partners. One copy is to be given to the Operator, one copy retained by your office, and the original and three copies returned to this office.

If any part of this contract does not have either your approval or that of the Operator and cannot be amended within your delegated authority, then the original and all copies of the contract are to be returned to this office, together with the proposed changes for consideration.

The contract as written has followed closely the field team recommendations with the exception that the inclined shaft position and depth has been changed as per attached idealized sketch.

cc
6-2

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. C. Selfridge
T. L. Chapman

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures

TLChapman:lm
5/27/52

Approved:

J. H. Hodges
Member, Bureau of Mines

D. M. Lemmon
Member, Geological Survey

400

Chairman, Operating Committee, DMEA

May 27, 1952

Iron and Ferro-Alloy Division, DMEA

Docket No. DMEA 2354X - Tungsten
Hidden Hills Company
San Bernardino County, California

We are sending you the completed contract on the above with Annex I, Exhibit "A", areal map and idealized sketch map attached thereto.

The application was for $48,170.00.

The field team called for a project amounting to $15,000.00.

The contract as written amounts to $16,800.00

The general outline of the field team proposal was followed except the inclined shaft was changed to follow the tactite vein (Plate 2) rather than at the intersection of the tactite vein and a cross dike. The depth of shaft was changed from 160 feet to 100 feet on the incline.

Costs are slightly higher than those submitted by the field team on a more detailed study.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Attachments

TLChapman'lm
5/27/52

cc: Admn. Reading File
Docket
G. C. Selfridge
T. L. Chapman

FILE COPY
SURNAME:

Chapman
Selfridge

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

AIR MAIL

MAY 9 1952

Hidden Hills Company
P.O. Box 549
Colusa, California

Re: Docket No. DMEA 2354X - Tungsten
Hidden Hills Mine
San Bernardino County, California

Gentlemen:

Please send us the following data in regard to the mining claims included in your property, i.e., Packard No. 1, Packard No. 2, Birthday Star and Mill Pond:

Date of recording, book and page number.

Upon receipt of these data, we will proceed with the processing of your application.

Sincerely yours,

5/9/52

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

TLChapman'lm
5/8/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
T. L. Chapman

FILE COPY
SURNAME:

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

Mr. J. L. Hoffland, Chief Counsel
Iron and Ferro-Alloy Division, DMEA

April 21, 1952

Chapman
Selfridge

Contract for review and final preparation
Docket No. DMEA 2354X - Tungsten
Hidden Hills Company
Packard No. 1 & No. 2 Claims
Danby Mining District
San Bernardino County, California

A rough draft of the contract is attached hereto, together with an areal map and a sketch of the proposed work.

The amount of the loan is $16,800.00 of which the Government's share is $12,600.00.

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

TLChapman'lm
4/21/52

cc: Admn. Reading File
Docket
G. C. Selfridge
T. L. Chapman

IN REPLY REFER TO:

G-MD-DML

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

April 9, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Field Report
Hidden Hills Company
Birthday Star prospect
Old Woman Mountains
San Bernardino County, California.

DMEA 2354 - Tungsten

The Birthday Star prospect was examined by L. D. Clark and W. P. Irwin of the Geological Survey on March 2, 1952. They recommend approval of an exploration project involving an inclined shift 160 feet deep and 150 feet of drift from the bottom, at a total cost of $15,000.

The Field Team report states that the work might prove 6,000 tons of ore containing 1.0 percent of WO_3. This figure is apparently in addition to the 3,600 tons of indicated and inferred ore estimated to a depth of 60 feet.

I concur with the recommendation that the property warrants some exploration, and that the proposed program is feasible. However, the following points are noteworthy:

1) The field report gives no assays.

2) The proposed cost of the shaft is probably too low.

3) There is no reason given for the choice of 160 feet depth of shaft.

4) No provision is made for sampling, assaying, and equipment purchases.

Copy retained 400

The details of the contract can be worked out by correspondence with the applicant. The assumption about content of WO_3 in outcrops can be accepted, or sampling and trenching of the surface could be required as stage 1 of the contract.

D. M. Lemmon

FILE COPY
SURNAME:

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

Chairman, Operating Committee, DMEA

May 27, 1952

Chapman
Selfridge
Gerhan

Iron and Ferro-Alloy Division, DMEA

cc 6/2

Docket No. DMEA 2354X - Tungsten
Hidden Hills Company
San Bernardino County, California

We are sending you the completed contract on the above with Annex I, Exhibit "A", areal map and idealized sketch map attached thereto.

The application was for $48,170.00.

The field team called for a project amounting to $15,000.00.

The contract as written amounts to $16,800.00

The general outline of the field team proposal was followed except the inclined shaft was changed to follow the tactite vein (Plate 2) rather than at the intersection of the tactite vein and a cross dike. The depth of shaft was changed from 160 feet to 100 feet on the incline.

Costs are slightly higher than those submitted by the field team on a more detailed study.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Attachments

TLChapman'lm
5/27/52

cc: Admn. Reading File
Docket
G. C. Selfridge
T. L. Chapman

MAY 26 1952

P. O. Box 549
Colusa, California
May 22, 1952

United States Department of the Interior
Defense Minerals Administration
Washington 25, D. C.

Attention: G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Re: Docket No. DMEA 2354X - Tungsten
Hidden Hills Mine
San Bernardino County, California

Gentlemen:

In reply to your letter of May 9, 1952, requesting further information on the Packard No. 1, Packard No. 2, Birthday Star and Mill Pond claims, please be informed that Packard No. 1 (actually known as Packard) claim is recorded in Book 323, Page 241; Packard No. 2 in Book 323, Page 242; and Mill Pond in Book 323, Page 399 of the Mining Records of the County of San Bernardino, State of California.

Please be advised that the Packard and Packard No. 2 claims include all of the previous location designated as Birthday Star. The date of the recording of these claims was in 1951.

If you require any further information, do not hesitate to write.

Very truly yours,

HIDDEN HILLS COMPANY

By: L. A. Otterson

LAO/mp

(40)

FILE COPY
SURNAME:

140

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

Rubin

May 6, 1952

Memorandum

To: G. C. Selfridge

From: Chief Counsel

Subject: Docket No. DMEA-2354, Hidden Hills Company

A contract covering the subject contract, in satisfactory legal form for execution, is attached. However, prior to executing the contract, a further description of the land must be annexed to the contract to indicate the recording data, or something in lieu thereof, as explained in paragraph 3(c) of DMEA Circular 21. Also, the maps referred to under Article 2 and in Exhibit "A" must be attached.

J. L. Hofflund

J. L. Hofflund
Chief Counsel

Attachments 7

HCRubin/em

Copy to: Mails and Files
J. L. Hofflund
H. C. Rubin
Chron.

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

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

March 27, 1952

Memorandum

To: Defense Minerals Exploration Administration, Interior Building, Washington, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2354X (Tungsten), Hidden Hills Company, Old Woman Mountains, San Bernardino County, California

Reference is made to undated "Review of Application for Exploration Assistance", received in this office on February 11, 1952, concerning a field examination of the subject property.

Attached are four copies of a report, "DMEA-2354, Birthday Star Tungsten Prospect, San Bernardino County, California", by L. D. Clark and W. P. Irwin, geologists, U. S. Geological Survey, dated March 25, 1952.

The examining geologists recommend that the deposit be explored with underground workings at a cost of approximately $15,000. The exploration may possibly prove about 6,000 tons of ore with a grade of 1 percent WO_3. They further recommend that the exploration be followed closely by the field team as the sub-surface structure may be radically different than that indicated by the surface exposures.

The subject docket is being returned herewith.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to E. H. Bailey, USGS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 31 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 2354, Birthday Star Tungsten Prospect

San Bernardino County, California

ON-SITE EXAM

MAR 3 - 1952

L. D. Clark, Geologist
W. P. Irwin, Geologist
U. S. Geological Survey

March 25, 1952

Reviewed by
DMEA OPERATING COMMITTEE

4-7-52
(date)

Summary

The Birthday Star Tungsten prospect opens an ore body that is 150 feet long and an average of 4 feet wide. The ore body contains 600 tons of indicated ore to a depth of 10 feet, and 3000 tons of inferred ore to a depth of 50 feet below the indicated ore. The grade of the ore is estimated to be 1.0 percent WO3.

It is recommended that the ore body be explored to a vertical depth of 100 feet by a 160-foot inclined shaft and 150-foot drift at a cost of approximately $15,000. The exploration should be followed closely by the field team in order to limit or otherwise modify the program, as the subsurface structure or grade of ore may be radically different than that indicated by surface exposures.

Introduction

The Birthday Star tungsten prospect in the Old Women Mountains in San Bernardino County, California was examined by L. D. Clark and W. P. Irwin of the Geological Survey during the afternoon and evening of March 2, 195 2. The examination was in the company of L. A. Offerson and B. H. Craig of the Hidden Hills Company who applied to DMEA on January 22, 1952 for Government participation in a $48,170 exploration program.

The prospect is on a steep, southerly-facing hillside, about 3000 feet northeast of the Section Nine tungsten mine, and about 500 feet above an old silver mine that consists of extensive underground workings. The Section Nine mine, and the Hidden Value tungsten mine 3/4 mile southwest of the Section Nine mine, were examined during World War II by the Geological Survey as part of its strategic minerals investigations. The Birthday Star camp is about one mile southeast of the prospect, and is accessible by traveling over 18 miles of fair desert road from Danby, a station on the AT&SF Railroad. A steep road extends from near the camp to the old siver mine, and from the silver mine a foot path leads to the prospect.

The deposit was discovered on the Birthday Star, gold claim by Craig, who purchased the claim in the latter part of 1951. Subsequently, the Birthday Star claim was covered half by the Packard No. 1 claim and half by the Packard No. 2. The center line of the Packard claims trends northeast, and the Packard No. 2 is at the northeast end of the Packard No. 1. The deposit has been explored only by three small open cuts, and no ore has been shipped.

Geology

The tungsten deposit occurs in a discontinuous tabular body of epidote-rich tactite that is enclosed in granite. The tactite body strikes N.65° E. and dips about 45° to the northwest. It has an average thickness of about 10 feet, and can be traced by discontinuous exposures for more than 3000 feet along the strike. The tactite body is crosscut by many sub-parallel granite dikes that in general strike eastward and dip moderately northward. The sections of granite that separate individual portions of the tactite body constitute about one third of the 3000 foot length along which the tactite is exposed. Several small parallel bodies of tactite occur 25 to 50 feet southeast of the tactite main body.

The principal part of the tungsten deposit is in a 150-foot section of the tactite body that lies between two crosscutting dikes (see idealized sketch map). More than one third of the length is concealed by a thick cover of talus, but is assumed to be similar to the exposed part of the 150-foot section.

Scheelite, the only tungsten-bearing mineral that was seen, occurs as fine to coarse grains in a fairly continuous zone along the hanging wall of the tactite body. West of the talus-covered area the zone has an average width of 5 feet with an estimated average grade of 1.0 percent WO_3; to the east it has an average width of 3 feet with the same grade. Within the zone, however, areas of several square feet contain as much as 5.0 percent WO_3. No evidence was seen to indicate whether the scheelite mineralization is related to the main granite mass or to the granite dikes. Under ultra-violet light most of the scheelite fluoresces bluish-white, but a small percentage of the grains fluoresces pale yellow.

The discontinuous portions of the tactite body as well as the small parallel bodies were lamped for about 2000 feet along the hillside but none were seen to contain concentrations of scheelite comparable to the 150-foot portion previously described. Judging from surface indications, none of the other portions contain scheelite concentrations of sufficient size and grade to b e of economic interest.

Ore Reserves

The Birthday Star deposit is estimated to contain 600 tons of indicated ore with a grade of 1.0 percent WO_3, and 3000 tons of inferred ore of the same grade. In calculating the tonnages it is assumed that (1) the northeast half of the deposit averages 3 feet in width, and the southwest half averages 5 feet in width, (2) the tactite covered by the talus is the same width and grade as that in the easternmost cut, (3) the indicated ore extends to an average depth of 10 feet and the inferred ore extends 50 feet deeper, and (4) 10 cubic feet of tactite weighs 1 ton.

Exploration

The applicant had no definite exploration plan at the time of the examination, and the request for a $48,170 program is excessive.

The most feasible method of exploring the deposit is to sink an inclined shaft in the ore along the hanging wall of the granite dike at the southwest end of the 150-foot section of the tactite. The shaft should be sunk to a depth of 100 feet, if the ore continues to that depth. At the bottom of the shaft, a drift should be driven a maximum of 150 feet to the northeast or to the northeastern granite dike, depending on which is the shorter distance. If the ore encountered at depth is similar to that indicated at the surface, the program would prove about 6,000 tons of ore with a grade of 1.0 percent WO_3. The program should be flexible and be closely followed by the field team as the sub-surface structure of the deposit is not well known. The attitude of the tactite body and crosscutting dikes may change abruptly at depth. The following items are reasonable expenditures for exploration of the deposit.

1. The shaft would be inclined to the north-northeast at about 40° and would be about 160 in length to attain a depth of 100 feet, if the surface dip of the contact is persistent at depth. At a cost of $40 per foot, the shaft would cost $6,400.

2. The 150-foot drift from the bottom of the shaft would cost $3,750 at a cost of $25 per foot.

3. Installation of a 800-foot cable to the deposit from the end of a proposed road appears to be necessary to hoist mining supplies and equipment. The cost estimated by Craig is $3000.

4. Minor repair of road, and building 1/4 mile of new road to the lower terminal of the 800-foot cable, should not exceed $1000 for 10 days rental of a bulldozer at $100 per day.

5. Repairs to three cabins, to consist mainly of patching the tarpaper roofs, are estimated by Craig to total $100.

6. Water for camp and mining purposes can be obtained from a well higher in the canyon and about 1000 feet east of the camp. A small pump and 1000 feet of pipe will be needed to carry water to the camp. Estimated cost for pump and pipe is $500.

Summary of Costs

1	Shaft	$6,400
2	Drift	3,750
3	Cable	3,000
4	Roads	1,000
5	Camp Repairs	100
6	Water Supply	500
		14,750

The costs listed above are not to be interpreted as exact costs, but are given to indicate the general scale of the proposed exploration program. The applicants estimated their program to require 1 year to complete, but it seems reasonable to believe that the program outlined above could be completed in less than six months with a crew consisting of one miner, two helpers, a cook and one supervisor.

Mr. Craig plans to supervise the exploration, and appears to be well qualified. He has a good concept of the geology of the deposit, and had considerable experience in practical mining. He states that he has 30 years experience working in Bisbee and Jerome, Arizona, and Butte, Montana, working several years as a diamond driller for Continental drilling Company and the Bureau of Reclamation, and as superintendent of the Darwin Consolidated Tungsten Mine in California. The other partners have no mining experience.

400

FILE COPY
SURNAME:

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

Brewer
Selfridge
Hudson
Hedges
Hayes

Hidden Hills Company
P.O. Box 549
Colusa, California

Re: DMEA 2345X - Tungsten
Old Woman Mountains
San Bernardino County, California

Gentlemen:

Your application for assistance in exploring the Packard No. 1 and 2, the Birthday Star and the Mill Pond claims in San Bernardino County, California, has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration and has been referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination.

The Regional Office will contact you at an early date in regard to the examination of your property. Any assistance that you can give the field team during the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf (fw) 2-8-52

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
2/4/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer

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

Brewer
Bellinger
Gilbert

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant Hidden Hills Company

Pocket No. 2354X

Commodity Tungsten

Amount $ 48,170.00

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

C O Mitteudorf

ACTING Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

J. H. Hedges
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 2354X

Commodity Tungsten

Total Amount $48,170.00

Govt. Participation 75%

1. Name and Address of Applicant Hidden Hills Company

P.O. Box 549, Colusa, California

2. Location of Property Section 4; T5N; R7E

Old Woman Mountains

San Bernardino County, California

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery--based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good presumably; based on data by USGS from nearby properties.

b) Poor

c) None

d) Don't know--needs field examination For geologic and mining purposes, and amendment of application, if warranted.

e) Is there an alternative and favorable project? (If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes (question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached?

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies No - The entire financial basis must be revised.
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Yes

Is a field check needed on any of these points? Yes, financially, and as to wages paid miners.

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* No

_____

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

_____

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable? No

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? No If so, attach a draft.

c) Is a field check needed? Yes

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? No - Equipment owned by applicant - cannot be rented; but depreciation allowance is made.

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? No

c) Is the schedule excessive for the work proposed? Yes

d) Are the proposed wages and salaries reasonable? No

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? No

c) Reasonable? No

d) Field check needed? Yes

15. In your judgment, can the proposed work be done in the proposed time? Can't tell, insufficient data in application.

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Yes. This is an instance where the field team should carry through from beginning to end. Make field examination and your own decision as to the proper exploration proceedure; make amended application to cover required work. Conference with the applicant herein will probably be necessary on technical and financial matters.

Reviewed by: Q. L. Brewer

Date 1/31/52

IN REPLY REFER TO:

G-MD-DML

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

January 31, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Exploration application $48,170 DMEA 2354
Hidden Hills Company (Formerly DMA 1579-X)
P.O. Box 549
Colusa, California

Property: Packard Nos. 1 and 2, Birthday Star, and Mill Pond claims
Sec. 4, T. 5 N., R. 17 E.
Old Woman Mountains
San Bernardino County, California

Proposal:

No clear-cut exploration proposal is made. The following is the applicant's statement: "Repair of desert road, repairing camp, building 1/4 mile new road, installing 800 feet cable from end of road to project site, sinking shaft to determine depth of ore at one or more locations and running crosscut from side of mountain to intersect vein if so indicated by sinking of shaft."

The applicant has not presented an adequate geologic or assay map, and has not shown the proposed exploration. Apparently no proper examination was made of the claims, and no work has been done on them by the applicant. The statement is made that the claims are owned by the applicant, who purchased them from a former owner. Presumably, the claims are identical with the Desert View claims previously listed in DMA 1579-X.

The applicants are not miners, and 2 of them report assets totaling $1,581,934, presumably sufficient to pay a consultant to prepare a reasonable proposal.

Geologic Appraisal:

This prospect was not examined by the Geological Survey. The Hidden Value and Section 9 prospects located about a mile south of the Hidden Hills prospect were examined in 1943 and 1945. They consist of small lenses of scheelite-bearing tactite in granite, and

1 copy removed from file.

contain several percent of WO_3. Shipments made from these properties in 1943-44 aggregated 519 tons containing 1604 units of WO_3. No ore has been shipped from the Hidden Valley prospect, and no exploration work has been done.

The description given by the applicant states that the Hidden Valley claims are on a continuous vein of epidote 4 feet thick and 3,000 feet long. Actually, the mineralization is probably in small, discontinuous lenses that are surrounded by granite and have a shallow vertical dimension.

Recommendation:

It is recommended that the docket be referred to the field for examination of the property and preparation of a reasonable exploration program if warranted.

Dwight M. Lemmon

DM.E.A.-2354

P. O. Box 549
Colusa, California
January 22, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 1952

Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Gentlemen:

Enclosed you will find Application for Aid for an Exploration Project for Tungsten Pursuant to Mineral Order 5, Under Defense Production Act of 1950.

This is a new application and is in no way connected with our former application for tungsten exploration which was given your number DMA-1579-X. The other application has temporarily been set aside as the properties under the new application show much better values in sight.

If there is any information not shown on our enclosed application, please let us know at once as we wish to start exploration operations as soon as possible.

Yours very truly

HIDDEN HILLS COMPANY

Roger C. Wilbur

By: Roger C. Wilbur
Partner

RCW/mp
Enclosures:
MF-100 - 4
MF-103 - 4

EXPLORATION

Subject: DMEA-2354
Re: Exploration Loan
Packard No. 1, & 2
Birthday Star & Mill Pond

Mr. Roger C. Wilbur, Partner
Hidden Hills Company
P. O. Box 549
Colusa, California

My dear Mr. Wilbur:

This will acknowledge receipt of your application dated January 22, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2354 and referred to the Iron & Ferro-Alloys Division.

Kindly refer to DMEA-2354 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862