O/K

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

SEP 14 1953

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

James L. McBroom and L. R. Allen
Box 372 A, Rt. 2
Boulder, Colorado

pertaining to Exploration Project Contract No. Idm-E415, Docket No. DMEA 2650, covering a project for exploration of Tungsten, for the months of November 1952 to June 1953.

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

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

The contract provides for payment by the Government on the basis of agreed estimated costs of Units of Work actually performed.

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

Total Cost as billed by Contractor		$12,000.00
Exceptions:		
By DMEA Finance Officer	None	
Herewith	None	None
Total Accepted Cost		$12,000.00

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 Nine Thousand Dollars and No/100

-$9,000.00-

is considered valid and proper.

Dated: September 14, 1953

Donald T. Finch
Donald T. Finch
Auditor

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

OCT 23 1953

Mr. Donald T. Finch
DMEA Auditor
224 New Customhouse Building
Denver 2, Colorado

Re: J. L. McBroom and L. R. Allen
(Hallie "A" Mining Company)
Idm-7415, DMEA-2650

Dear Mr. Finch:

Reference is made to your letter of October 19, 1953, concerning the release of a Report of Review covering the above-cited project. This Report has been accepted.

In this respect please refer to a letter addressed to Mr. King dated March 11, 1953, in regard to final payments of short form contracts which is self-explanatory. A copy of this letter is enclosed for your ready information.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Enclosure

WBorovies/wb
October 23, 1953

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

224 New Customhouse
Denver 2, Colorado

October 19, 1953

Mr. Jay L. Chambers, Chief
Contract Adm. & Audit Div.
Defense Minerals Exploration Adm.
Interior Building
Washington 25, D. C.

Re: James L. McBroom and
L. R. Allen (Sometimes
referred to as Hallie
"A" Mining Company)
Contract Idm-E415
Docket No. DMEA 2650
(Tungsten)

Dear Mr. Chambers:

According to the records in this office, a Report of Review was forwarded on September 14, 1953, but we have not received any indication from your office concerning the matter.

It would be appreciated if you would advise the present status of the matter, in order that the files may be closed.

Sincerely yours,

Donald T. Finch

Donald T. Finch
DMEA Auditor

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

Budget Bureau No. 42-R1036.3.
Approval Expires 12-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
NOV 5 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June 1953 Docket No. DMEA 2650 Contract No. IDM-E-415
Operator's Name James L. McBroom & L. R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo
Contract Amount, $ 12,600.00 Government Participation: 75 % Amount, $ 9450.00

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~~ Hoist-House		300.00	300.00			
Bulldozing		300.00	300.00			
~~Crosscutting~~ Head Frame		300.00	300.00			
Drifting	600.00	4200.00	4800.00			
Raising		1680.00	1680.00			
(2) Labor and Supervision:						
~~Labor~~ Sinking		4620.00	4620.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	600.00	11,400.00	12,000.00	600.00	11,400.00	12,000.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date July 2 *Payee James L. McBroom L. R. Allen
Per L. R. Allen 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:

$ 450.00

Signature [illegible]
(Authorized Certifying Officer)

Date 10/30/53 Voucher No. TMA 54-44

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-415 in accordance with the terms of the contract.

Signature R. L. Tolman, $450.00 Title Mining Engineer Date July 16, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. S. King Title Executive Officer Date OCT 28 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.

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1953 Docket No. DMEA 2650 Contract No. I.D.M.E-415
Operator's Name James L McBroom + L.R. Allen Minerals Tungsten
Address Box 372 A, Route 2, Boulder, Colo

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	600.00	20	4800.00	160	30.00	160	30.00
Crosscutting								
Raising	Feet			1680.00	28	60.00	30	60.00
Shafts	Feet			4620.00	77	60.00	80	60.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping	Job							
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$600.00		$12,000.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								12,600.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		600.00		12,000.00				

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

Date July Operator James L McBroom L R Allen

Per L R Allen 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.

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

November 6, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen, a partnership under the name Hallie "A" Mining Company, Boulder County, Colorado.

Enclosed are two copies of the Operator's Final Progress Report MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of June 1953, pertaining to DMEA Docket 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen, a partnership under the name Hallie "A" Mining Company, Boulder County, Colorado.

There was no jointly-owned property purchased under this contract. The contract was a short form one prepared on Form MF-200A.

Forms were processed for payment in conformance with the Report of Review by the Contract Administration and Audit Division, dated September 14, 1953.

Government's full contribution amounted to $9,450.00 as allowed by the contract.

Copies of Engineer's Final Report, Geologist's Final Report and Operator's Final Report will be transmitted at a later date after all data has been assembled in this office.

W. H. King

W. H. King

Enclosures

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 2 1953

224 New Customhouse
Denver 2, Colorado

October 28, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen, a partnership under the name Hallie "A" Mining Company, Boulder County, Colorado-Operator s Monthly Progress Report for the month of June, 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

The Operator has complied with the terms of the contract, therefore, final payment to the Operator is recommended in conformance with the Report of Review by the Contract Administration and Audit Division, dated September 14, 1953, which was released to this office October 26, 1953.

W. H. King
W. H. King

Enclosures

JWT:es

cc: Contract
Chron.
Sec. to the Oper. Comm.
Traver
Zimmerman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
July 20, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-2415 (Tungsten), James L. McBroom and L. R. Allen (Mallie "A" claim), Boulder County, Colorado - Progress report for June 1953

Enclosed please find the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. L. Belmer's memorandum covering the inspection of the underground progress and reports. The contract is short form, and documentation is not required.

The 20 feet of drifting on the 100-foot level is verified correct as reported in the narrative and entered on the MF-104A form. This completes the 160 feet of drifting authorized by the contract and verified by the inspecting engineer and the assigned geologist, E. N. Marshman. A request for additional work was withdrawn by mutual agreement between the contractor and field examiners.

The contract is completed, and it is recommended that the narrative report submitted be accepted as a final project report by the operator. A report by the engineer and geologist making the field examination will be prepared, and the project can be closed without a certification of discovery.

Payment is approved and certified on the MF-104 form of $450.00, or 75 percent of the $600.00 claimed by the contractor.

The amount of the final payment is contingent on the findings during final audit for a Report of Review, by the Contract Administration and Audit Division.

W. M. Traver

W. M. Traver

cc 4, 2415, DMEA Chron.

WMT/pam/kp

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
July 20, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. L. Bolmer

Subject: DMEA 2650, Contract I4m-2415 (Tungsten), James L. McBreen and L. R. Allen (Mallie "A" claim), Boulder County, Colorado - Progress report for June 1953

The advance reported in the operator's narrative and recorded on form MF-104A, 20 feet of drifting on the 100-foot level, is correct and completes the 160 feet of drifting authorized in the contract. The 100-foot level had been advanced 154 feet north of the shaft on the date of the last inspection, June 17, 1953. The performance of the last 6 feet of drifting on the lower level was confirmed by E. N. Harshman, Geological Survey, during an examination of the property June 23, 1953.

A request by the operator for additional exploration from the 100-foot level was not considered justified and was withdrawn with the mutual agreement of the operator and the examining team. The last work under the contract was performed on or about June 23, 1953. After a geological examination of the property on that date, bailing from the shaft was not continued, and the lower level was allowed to fill with water. Tungsten mineralization of a commercial grade and extent was not encountered in the exploration, and a certification of discovery is not anticipated.

The narrative report submitted with the June MF-104's apparently is intended by the operator as a final project report. The report is inadequate, but its acceptance is recommended. The details of the project are not elaborate and can be covered in the final engineering report.

The 20 feet of drifting reported this period at a unit cost of $30.00 per foot conforms to the terms of the contract and has been distributed correctly to the MF-104 and MF-104A forms. The full amount reported, $600.00, is approved. Payment of 75 percent

of the approved amount, or $450.00, is recommended. The amount of the final payment is contingent on the findings during the Final Audit, or Report of Review, by the Contract Administration and Audit Division. Under this short-form contract, there is no property to salvage. The footage reported to date, at the authorized unit cost, has been confirmed.

R. L. Bolmer

R. L. Bolmer
Mining Engineer

cc ✓6
E415
DMRA Chron.

RLB/pam/kp

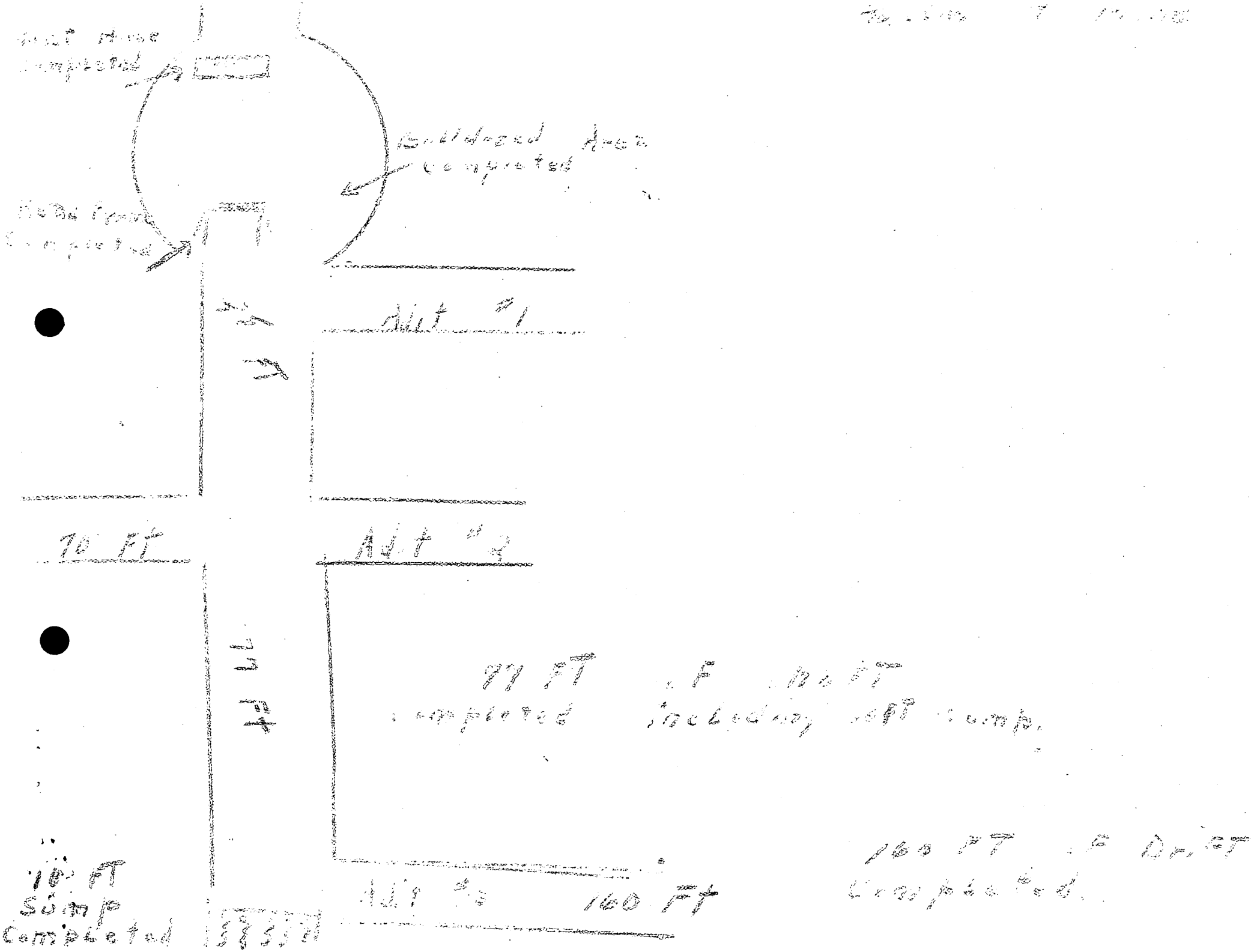
Narrative Report

You will find the report on the map of the completing of the contract which includes Bull-Hoping Shaft House, 28' raise, 77' of shaft, 16' sump and 160' of Drift.

The Contract price of $60.00 per ft. of shaft with the water that had to be bailed was not sufficient to cover the expense of the shaft as the contract price on the drift. The principal difficulty was the water which had to be bailed. Then when on the drift had to work 3 shifts which necessated having two top men, one on each shift, which was extra overhead. We also had difficulty getting miners that would stay on the job.

The government department work on all phases of this work was "tops". Thanking you.

Hallie A Mine
James L McBroom


Unit Pipe Completed
Bulkhead Area Completed
Unit #1
Unit #2
70 FT
Unit #3
100 FT
10 FT Sump Completed

Form MEX 104 (Rev.)
(April 1952)

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

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

Month of May, 1953 Docket No. DMEA 2650 Contract No. IDM-E415
Operator's Name James L. McBroom + L.R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo
Contract Amount, $ 12,600.00 Government Participation: 75% Amount, $ 9450.00

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~~ Hoist-House		300.00	300.00			
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(2) ~~Labor and Supervision:~~						
~~Labor~~ Sinking		4620.00	4620.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
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Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$ 2100.00	9300.00	$ 11,400.00	2100.00	9300.00	11,400.00

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

Date June 10 *Payee James L. McBroom L.R. Allen

Per L.R. Allen 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:

$ 1575.00

Signature [illegible] (Authorized Certifying Officer)

Date 7/3/53 Voucher No. 5425

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-415 in accordance with the terms of the contract.

Signature R. L. Bolmer, $1575.00 Title Mining Engineer Date June 23, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R. L. B.

Signature W. H. King Title Executive Officer Date JUN 30 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.

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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).

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

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

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

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

GPO 83-38476

Form MR-104A
(April 1952)
Mineral Resources Branch

Date Rec'd
JUN 12 1953

DIST. ENGR.	
EXAMINATION	
DIST. CLERK	
PERSONNEL	
FILES	

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

BUREAU OF MINES
Denver, Colorado

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1953 Docket No. DMEA 2650. Contract No. IDM-E-415
Operator's Name James L. McBroom + L. R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder Colo

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Feet	2100.00	70	4200.00	140	30.00		30.00
Crosscutting								
Raising	Feet			1680.00	28	60.00		60.00
Shafts	Feet			4620.00	77	60.00		60.00
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Building				300.00				
~~Trenching~~ Hoist-House				300.00				
~~Test Pits~~ Head-Frame				300.00				
Roads and Trails								
Total Distributed Costs		2100.00		11,400.00				Total Costs Authorized by Contract
Operating Equipment Purchased								12,600.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2100.00		11,400.00				

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

Date June 10 Operator James L McBroom L R Allen
Per L R Allen 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.

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

June 30, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" Claim), Boulder County, Colorado - Operator's Monthly Progress Report, for the period May, 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report----------June 10, 1953
Date Received in Field Office----------June 12, 1953
Date Received in Region Office----------June 25, 1953
Date Processed for Payment----------June 29, 1953

W. H. King
W. H. King

Enclosures

RDB:es

cc: Contract
Sec. to the Oper. Comm. (2)
Traver
Chron.

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room137
Denver Federal Center
Denver 14, Colorado
June 25, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-R415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for May 1953

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. L. Belmer's memorandum covering inspection of the underground progress and verification of entries on the report form. The contract is short form, requiring no documentation.

As reported by the operators in the narrative and on the MF-104A form, 70 feet of drifting on the 100-foot level is correct. The conditions underground are adequately described by the inspecting engineer and, in his opinion, sampling is not warranted at this stage of the operation.

Work performance and accounting conform with all terms of the short-form contract, and payment is approved and certified on the MF-104 form of $1,575.00, or 75 percent of the total $2,100.00 claimed by the operators.

Scott W. Hagen Jr
Scott W. Hagen, Jr., for
W. M. Traver

enclosures

WMT/cb

cc: 4
R415
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
June 24, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. L. Balmer

Subject: DMRA 2650, Contract Idm-2415 (Tungsten), James L. McBroom and L. R. Allen (Ballis "A" claim), Boulder County, Colorado - Progress report for May 1953

Progress under the subject short-form contract was inspected June 17, 1953, with the operators. On that date, the 100-foot level drift was extended 154 feet northeasterly from the shaft, confirming the 70 feet of drifting during May 1953, as reported by the operators.

The advance during the period extended the drift to below the productive sections of the vein as opened along the No. 1 adit. Beyond 70 feet northeast of the shaft, the vein along the 100-foot level improved in appearance. In the section from 70 to 154 feet, the vein, irregular in strike and nearly vertical in dip, contains between 1/4- and 3-foot widths of brecciated quartz, granite, and gouge. From 70 to 76 feet, and again from 114 to 119 feet, the vein contains a few inches of low grade, siliceous ferberite. These short mineralized sections project directly below the stoped sections along the No. 1 adit. The mineralized sections along the lower level were sampled, but the analyses have not been received; the grade, however, is expected to be low and noncommercial.

The operators have written for authority and the additional funds necessary to prospect each of the mineral showings along the lower level by means of a 50-foot raise.

The 70 feet of drifting reported this period at a unit cost of $30.00 per foot conforms to the terms of the contract and has been distributed correctly to the MF-104A and MF-104. The full amount reported, $2,100.00, is approved.

R. L. Balmer

R. L. Balmer
Mining Engineer

RLB/ob

cc: 6, 2415, DMRA Chron.

Narrative Report

Please find sketches of work completed which consists of Bulldozed area, Head Frame 28 ft raise, 77 ft of shaft, including 10 ft Sump and 140 ft of drift at the 100 ft Level

James L. McBroom

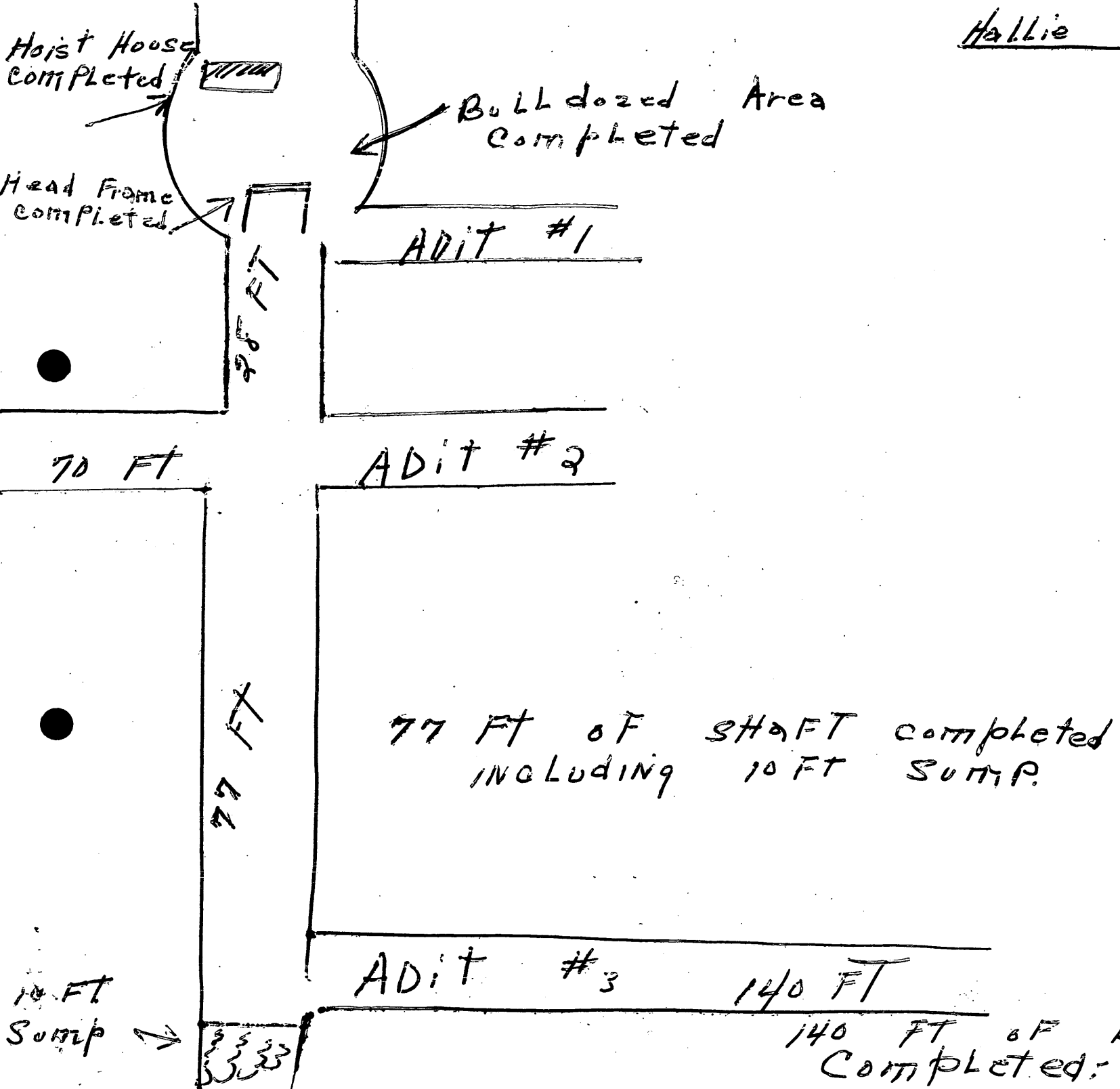
Mineral Resources Branch

Date Rec'd
JUN 1 2 1968
BUREAU OF MINES
Denver, Colorado

DIST. ENGR.	WMK
SMPH	SWA
EXAMINATION	
DIST. CLERK	
PERSONNEL	
FILES	E415
RLB	

MPS

Hallie A Mine



Mineral Resources Branch

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

Date Rec'd
MAY 18 1953
BUREAU OF MINES
Denver, Colorado

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

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

DIST. | DIST. CLERK | PERSONNEL | FILES | EXAMINATION

JUN 3 1953

Month of April, 1953 Docket No. DMEA 2650 Contract No. IDM-E415
Operator's Name James L. McBroom + L. R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo
Contract Amount, $ 12,600.00 Government Participation: 75% Amount, $ 9450.00

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~~ Hoist-House		300.00	300.00			
Bulldozing		300.00	300.00			
~~Crosscutting~~ Head Frame		300.00	300.00			
Drifting	1800.00	300.00	2100.00			
Raising		1680.00	1680.00			
(2) ~~Labor and Supervision~~:						
~~Labor~~ Sinking		4620.00	4620.00			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1800.00	$7500.00	$9300.00	1800.00	7,500.00	9,300.00

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

Date May 14 *Payee James L. McBroom L R Allen

Per L R Allen 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:

$1350.00

Signature Naomi E. Stokes
(Authorized Certifying Officer)

Date 6/3/53 Vou. No. DMA 53-141

(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. 8-415 in accordance with the terms of the contract.

Signature L. A. Bohner, $1350.00 Title Mining Engineer Date May 21, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.R.

Signature W. H. King Title Executive Officer Date MAY 29 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.

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1953 Docket No. DMEA 2650 Contract No. IDM-E-415
Operator's Name James L. McBroom + L. R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo.

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	Feet	1800.00	60	2100.00	70	30.00		30.00
Crosscutting								
Raising	Feet			1680.00	28	30.00	30	60.00
Shafts	Feet			4620.00	77	60.00	85	60.00
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Bulldozing				300.00				
~~Trenching~~ Hoist-House				300.00				
~~Test Pits~~ Head Frame				300.00				
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1800.00		$9300.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1800.00		9300.00				

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

Date May 14, 1953 Operator James L. McBroom L. R. Allen

Per L. R. Allen 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.

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

May 29, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2650, Contract Idm-2415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim) Boulder County, Colorado - Operator's Monthly Progress Report, for the period April, 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report----------May 14, 1953
Date Received in Field Office----------May 18, 1953
Date Received in Region Office----------May 27, 1953
Date Processed for Payment----------May 28, 1953

W. H. King
W. H. King

Enclosures

RDB:

cc: Contract
Sec. to the Oper. Comm. (2)
Traver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
May 26, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for April 1953

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. L. Bolmer's memorandum covering inspection of underground progress and verification of entries on the report form. The contract is short form, requiring no documentation.

As reported by the operators in the narrative and on the MF-104A form, drifting northeast 60 feet on the 100-foot level is correct. The conditions underground are adequately described by the inspecting engineer and, in his opinion, sampling is not warranted at this stage of the operation.

Work performance and accounting conform with all terms of the short-form contract and payment is approved and certified on the MF-104 form of $1,350.00, or 75 percent of the total $1,800.00 claimed by the operators.

W. M. Traver

W. M. Traver

enclosures

WMT/amh

cc: 4
E415
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
May 26, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. L. Bolmer

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for April 1953

Progress under the subject short-form contract during April 1953 as reported by the operators, drifting 60 feet northeasterly on the 100-foot level, was confirmed during my inspection of the property, May 20, 1953.

Including the progress reported this period, 70 feet of drifting has been completed on the 100-foot level, all of which is northeast of the shaft. The vein, as exposed in the shaft and along the 100-foot level drift, consists of a few inches of quartz and gouge in a black granite-gneiss. At various depths in the shaft, the vein contains minor amounts of ferberite mineralization. The mineral is narrow, highly discontinuous, and intimately associated with the horn quartz. By visual inspection, the mineral thus far exposed by contract work is not commercial and does not warrant sampling.

The vein steepens appreciably below the No. 2 adit level, and in the bottom 30 feet of the shaft, and along the drift to the northeast is nearly vertical. The appearance of the vein gradually improves toward the northeast along the drift. In the present breast of the drift, a tight vein zone up to 6 inches in width is exposed. The zone includes gouge and horn quartz, some of which contains minor ferberite inclusions and staining. Also exposed in the breast are two narrow quartz stringers which show ferberite staining and are parallel to the main zone. The drift should begin to intersect the downward extension of the ore shoot exposed in the No. 1 adit within 10 to 20 feet.

The drift is being advanced untimbered about 4-1/2 by 6-1/2 feet in cross section. The project crew consists of four men, including the two operators, and drifting is proceeding on two shifts. The spring thaw has increased the amount of water in the shaft. The water in the sump is lowered by means of bailing.

The 60 feet of drifting reported this period and the unit cost claimed, $30.00 per foot, conforms to the terms of the contract and has been shown correctly on forms MF-104 and MF-104A. The full amount claimed, $1,800.00, is approved.

R. L. Bolmer

R. L. Bolmer
Mining Engineer

RLB/amh

cc: 6
E415
DMEA Chron.

Narrative Report.

Please find sketches of work completed.

which consists of, Bulldozed Area. Headframe, 8x12 Hoist House 28 ft raise, And 77 ft of shaft, including 10 ft sump, 70 ft Drift At the 100 ft Level.

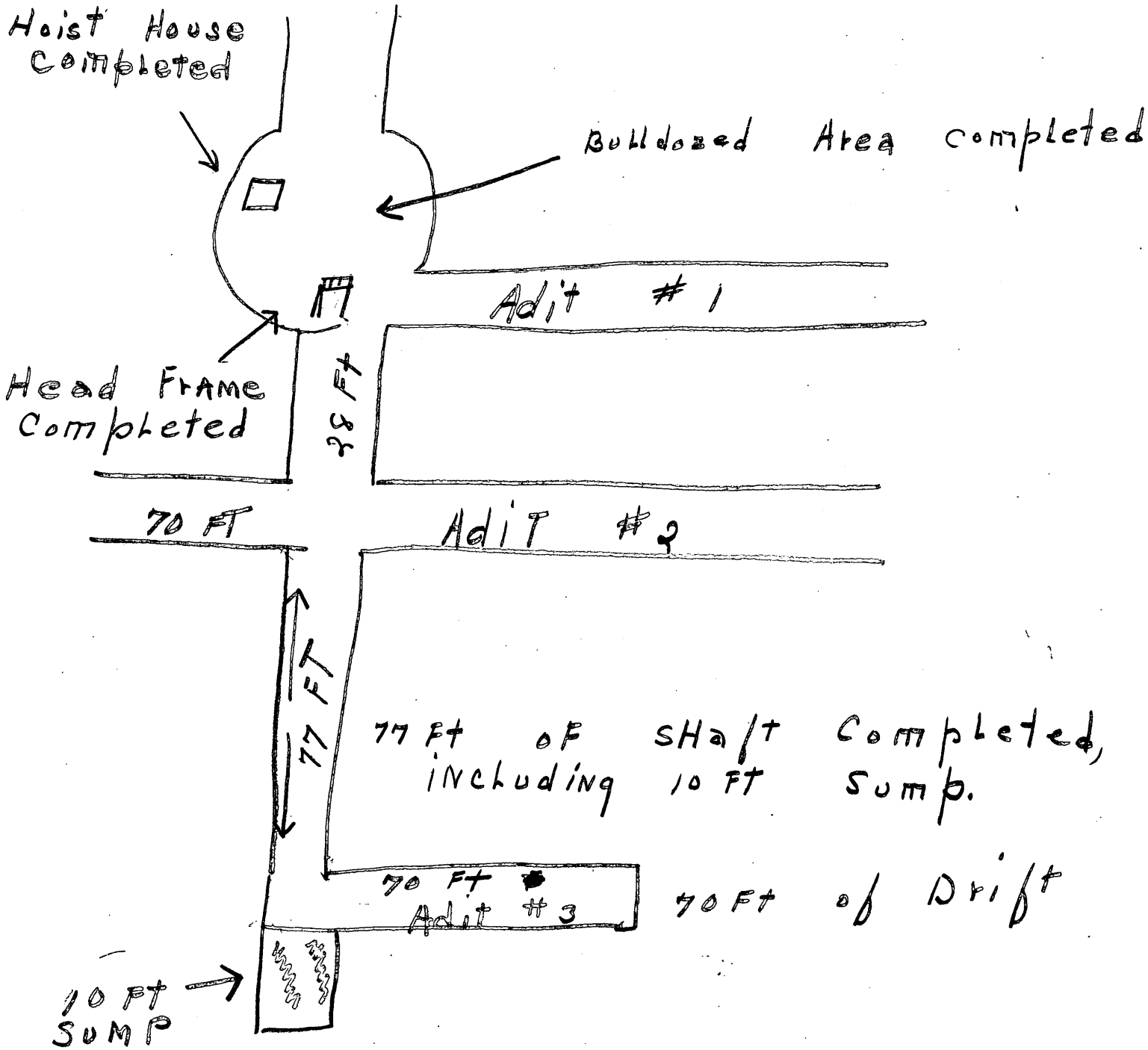
James L McBroom

L. P. Allen.

Mineral Resources Branch
Date Rec'd
MAY 18 1953
BUREAU OF MINES
Denver, Colorado

DIST. ENGR.	WMS
EXAMINATION	
DIST. CLERK	
PERSONNEL	
FILES	BRY
RLB	

HALLIE A.
Mine



Form MF-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 March 1953 Docket No. DMEA 2650 Contract No. I.D.M.-E.415
Operator's Name James L. McBroom & L. R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo.
Contract Amount, $ 12,600 Government Participation: 75 % Amount, $ 9450.00

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		300.00	300.00			
~~Bulldozing~~ Hoist House		300.00	300.00			
Crosscutting Head Frame		300.00	300.00			
~~Drifting~~ Raising		1680.00	1680.00			
Sinking	300.00	4320.00	4620.00			
(2) ~~Labor and Supervision~~:	300.00		300.00			
~~Labor~~ Drifting						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$600.00	$6900.00	7500.00	600.00	6900.00	7500.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 14 *Payee James L. McBroom L. R. Allen
Per L. R. Allen 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:
$450.00
Signature
(Authorized Certifying Officer)
Date 5/6/53 Vou. No. DMA 53-133
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-415 in accordance with the terms of the contract.

Signature R. P. Bolmer $450.00 Title Mining Engineer Date April 17, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date APR 30 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.

GPO 83-38476

Form MF-105A
(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 March 1953 Docket No. DMEA 2650 Contract No. E.D.M.E-415
Operator's Name James L. McBroom + L. R. Allen Minerals Tungsten
Address BOX 372 A Route 2 Boulder, Colo

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	Feet	300.00	10	300.00				
Crosscutting								
Raising	Feet			1680.00				
Shafts	Feet	300.00	5	4620.00				
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Bulldozing				300.00				
~~Trenching~~ Hoist-House				300.00				
Test Pits								
Roads and Trails								
Head Frame				300.00				
TOTAL DISTRIBUTED COSTS		600.00		7500.00			TOTAL COSTS AUTHORIZED BY CONTRACT	
Operating Equipment Purchased							12,600.00	
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		600.00		7500.00				

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

Date April-14 Operator James L. McBroom L R Allen
Per L R Allen 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.

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

April 30, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2650, Contract Idm-2415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado. Operator's Monthly Progress Report for the period March 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	April 14, 1953.
Date Received in Field Office	April 16, 1953.
Date Received in Region Office	April 27, 1953.
Date Processed for Payment	April 30, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 23, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress Report for March 1953

Please find enclosed the original and four copies of the above progress report--form MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. L. Bolmer's memorandum covering inspection and verification of the underground progress. The contract is short form and no documentation is required.

Sinking the shaft 5 feet and drifting northeast 10 feet on the vein on the lower level, as reported in the operator's narrative, was found to be correct.

The work performed and costs reported are in conformance with the terms of the short-form contract and entries are properly made on the reporting forms. Payment is approved and certified on the MF-104 form of $450.00, or 75 percent of the total $600.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/cb

cc 4
E415
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
April 23, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. L. Balmer

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Mallie "A" claim), Boulder County, Colorado - Progress report for March 1953

Progress under the subject short-form contract during March 1953 as reported by the operators, sinking the shaft an additional 5 feet and drifting 10 feet northeasterly on the vein, was confirmed during my inspection of the property, April 16, 1953.

The shaft, as then completed, was 77 feet below the No. 2 adit level or 110 feet below the surface. The level drift northeast off the shaft was started 100 feet below the surface. The lower 10 feet of the shaft will serve as a sump.

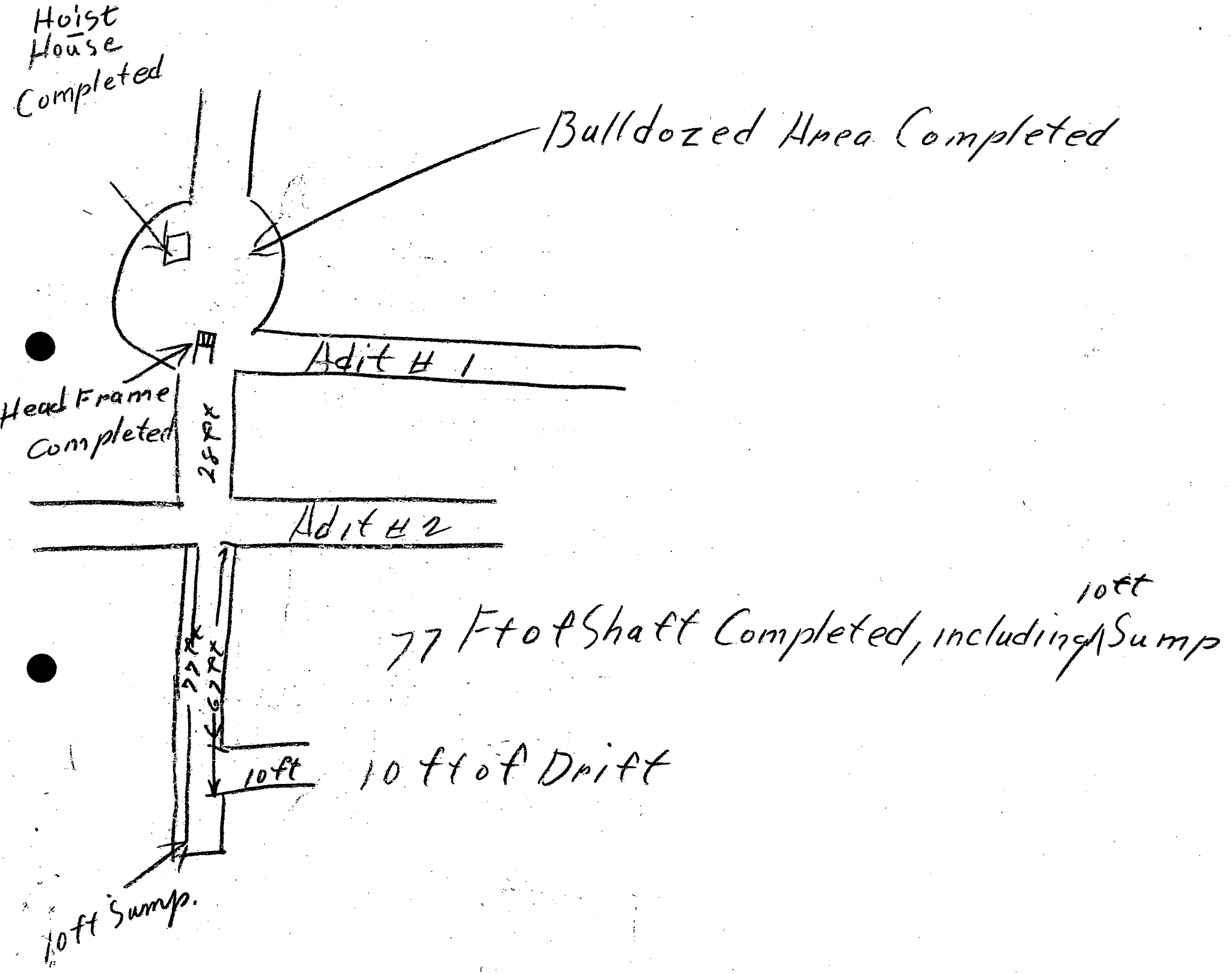
The work reported and the unit costs claimed conform to terms of the contract and have been shown correctly on forms MF-104 and MF-104A. The full amount claimed, $600.00, is approved.

R. L. Balmer

R. L. Balmer
Mining Engineer

RLB/eb

cc 6
E415
DMEA Chrom.


Hoist House Completed
Bulldozed Area Completed
Adit # 1
Head Frame Completed
25 ft
Adit # 2
77 ft
62 ft
10 ft
77 Ft of Shaft Completed, including 10 ft Sump
10 ft of Drift
10 ft Sump.

Narrative Report.

Please find sketches of work completed,

Which consists of, Bulldozed Area, Headframe 8X12 Hoist house 28 ft raise And 77 ft of Shaft Including 10 ft Sump, 10 ft of drift, at the 100 ft level.

James L. McBroom
L R Allen

Form MF-194 (Rev.)
(April 1952)

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

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

Month of February 1953 Docket No. DMEA 2650 Contract No. IDM-E 415
Operator's Name James L. McBroom + L.R. Allen Minerals Tungsten
Address Box 372-A Route 2 Boulder, Colo.
Contract Amount, $ 12,600.00 Government Participation: 75 % Amount, $ 9,450.00

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~~ Contracts: Short Form Bulldozing Hoist-House		300.00	300.00			
Drilling		300.00	300.00			
Bulldozing Sinking	1320.00	3000.00	4320.00			
Crosscutting Head Frame		300.00	300.00			
Drifting						
Raising		1680.00	1680.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1320.00	5580.00	6900.00	1320.00	5580.00	6900.00

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

Date Mar 5, 1953 *Payee James L McBroom L.R. Allen

Per L.R. Allen 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:

$ 990.00

Signature [signature]
(Authorized Certifying Officer)

Date 4/6/53 Vou. No. DMA-53-115

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-415 in accordance with the terms of the contract.

Signature R. A. Bolner, # 990.00 Title Mining Engineer Date Mar. 25, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date APR 1 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.

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1953 Docket No. DMEA 2650 Contract No. IDM-E 415
Operator's Name James L. McBroom + L. R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet						160	$30.00
Crosscutting								
Raising	Feet			$1680.00	28	60.00	30	60.00
Shafts	Feet	$1320.00	22	4320.00	72	60.00	85	60.00
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Bulldozing	Job			300.00				300.00
~~Trenching~~ Hoist House	Job			300.00				300.00
Test Pits								
Roads and Trails								
Head Frame	Job			300.00				300.00
TOTAL DISTRIBUTED COSTS		$1320.00		$6900.00			TOTAL COSTS AUTHORIZED BY CONTRACT	$12,600.00
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1320.00		6900.00				

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

Date Mar. 5, 1953 Operator ~~James L. McBroom~~ L. R. Allen

Per L. R. Allen 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.

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

April 1, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2650, Contract Idm-2415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" Mine), Boulder County, Colorado. Operator's Monthly Progress Report for the period February 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	March 5, 1953.
Date Received in Field Office	March 9, 1953.
Date Received in Region Office	March 26, 1953.
Date Processed for Payment	March 30, 1953.

W. H. King
W. H. King

Enclosures

RDB: cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 25, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for February 1953

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. L. Belmar's memorandum covering inspection of the underground progress and reporting forms. The contract is short form.

The shaft has been sunk an additional 22 feet to a total depth of 72 feet, as reported in the narrative and shown on the sketch. Entries are correctly made on the reporting forms.

Work has been completed as authorized by the short-form contract and documentation is not required. Accordingly, payment is approved and certified on the MF-104 form of $990.00, or 75 percent of the total $1,320.00 claimed by the contractor.

W. M. Traver

W. M. Traver

enclosures

WMT/cb

cc 4
E415
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
March 25, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. L. Bolmer

Subject: DMEA 2650, Contract Idn-2415 (Tungsten), James L. McBroom and L. R. Allen (Hollis "A" claim), Boulder County, Colorado - Progress report for February 1953

Progress under the subject short-form contract was inspected March 23, 1953, with the operators, Messrs. McBroom and Allen. The sinking of the shaft an additional 22 feet during the month of February, as reported in the operator's narrative and as shown on form MF-104A, was confirmed. The shaft at the close of the February period was 72 feet below the No. 2 Adit level, or 105 feet below the collar of the raise driven to the surface. The contract miners employed by the operators have quit and the operators are performing the work themselves.

The work reported and the unit costs claimed conform to the terms of the contract and have been shown correctly on forms MF-104 and MF-104A. The full amount claimed, $1,[illegible],00, is approved.

R. L. Bolmer

R. L. Bolmer
Mining Engineer

RLB/cb

cc 6
2415
DMEA Chron.

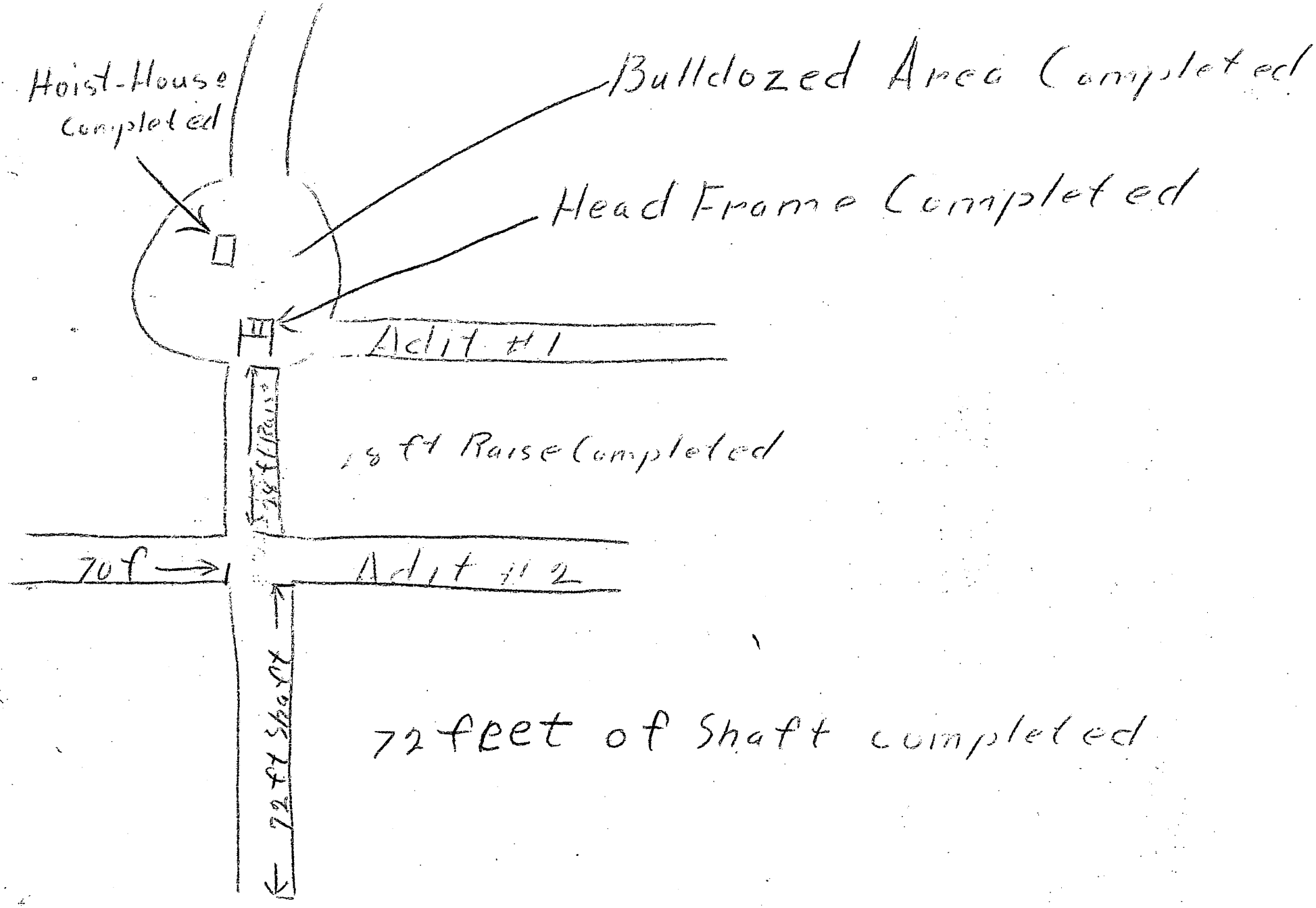
Narrative Report

Mar. 5, 1953

Please find sketches of work completed, which consists of Bulldozed area, Head Frame, 8x12 Hoist House 28 ft raise and 72 feet of shaft has been sunk.

James L McBroom

L. R. Allen


Hoist-House Completed
Bulldozed Area Completed
Head Frame Completed
Adit #1
18 ft Raise
18 ft Raise Completed
70 f
Adit #2
72 ft Shaft
72 feet of Shaft completed

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

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

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

Month of January, 1953 Docket No. DMEA 2650 Contract No. IDM-E 415
Operator's Name James L. McBroom + L.R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo
Contract Amount, $ 12,600.00 Government Participation: 75 % Amount, $ 9,450.00

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~~ Hoist-House		300.00	300.00			
Bulldozing		300.00	300.00			
~~Crosscutting~~ Head-Frame		300.00	300.00			
~~Drifting~~ Sinking	1800.00	1200.00	3000.00			
Raising		1680.00	1680.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1800.00	3780.00	5580.00	1800.00	3780.00	5580.00

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

Date Feb. 5, 1953 Payee James L McBroom L R Allen

Per L R Allen 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:

$1350.00

Signature [illegible]
(Authorized Certifying Officer)

Date 3/2/53 Vou. No. DMA 53-103

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-415 in accordance with the terms of the contract.

Signature R. H. Belmer, $1350.00 Title Mining Engineer Date Feb. 19, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date FEB 26 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-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1953 Docket No. DMEA 2650 Contract No. IDM-E 415
Operator's Name James L. McBroom + L. R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo

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	Feet						160	30.00
Crosscutting								
Raising	Feet			1680.00	28	60.00	30	60.00
Shafts	Feet	1800.00	30	3000.00	50	60.00	85	60.00
Winzes								
Drilling: Core								
Churn								
Auger								
~~Stripping~~ Bulldozing	Job	—		300.00			Job	300.00
Trenching Hoist-House	Job	—		300.00			Job	300.00
Test Pits								
Roads and Trails								
Head Frame	Job	—		300.00			Job	300.00
TOTAL DISTRIBUTED COSTS		1800.00		5580.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1800.00		5580.00				12600.00

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

Date Feb. 5, 1953 Operator James L. McBroom L. R. Allen

Per L. R. Allen 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.

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

February 26, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2650, Contract Idm-E415 (Tungsten) James L. McBroom and L. R. Allen (Hallie "A" Claim) Boulder County, Colorado. Operator's Monthly Progress Report for the period January, 1953.

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - February 5, 1953.
Date Received in Field Office - February 9, 1953.
Date Received in Region Office - February 25, 1953.
Date Processed for Payment - February 25, 1953.

W. H. King
W. H. King

Enclosures

RDBerk:cwm

cc: Contract
Secretary to the Oper. Comm. (2)
WMTraver
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 24, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for January 1953

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. L. Bolmer's memorandum covering inspection of the underground progress and verification of the report entries. The contract is on short form MF-200 (A).

The 30 feet of underground shaft sinking below the adit level reported by the contractors and correctness of entries on the supporting form are verified by the inspecting engineer.

Payment is approved and certified of $1,350.00, or 75 percent of the total $1,800.00 claimed by the contractors.

W. M. Traver

W. M. Traver

enclosures

WMT/amh

cc: 4
E415
DMEA Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
February 24, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. L. Bolmer

Subject: DMEA 2650, Contract Idm-2415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for January 1953

Progress under the subject short form contract was inspected February 17, 1953, with Carl Belser, Bureau of Mines. On the date of inspection, the access road from State Highway 160 was closed due to drifting snow and the project was not in operation. The contractors' personnel were not present but the mine was accessible and the progress in the winze was measured.

The depth of the shaft measured 50 feet below the track level in Adit No. 2, or 83 feet below the collar of the raise driven to the surface. The measurement confirms the 30 feet of sinking reported as performed during January. Wall plates and skids had been installed to the bottom of the shaft but ladders had not been placed.

The work reported and the unit costs claimed conform to the terms of the contract and have been shown correctly on forms MF-104 and MF-104A. The total amount claimed, $1,800.00, is approved. Payment of 75 percent of the approved amount, or $1,350.00, is recommended.

R. L. Bolmer

R. L. Bolmer
Mining Engineer

RLB/amh

cc: 6
2415
DMEA Chron.

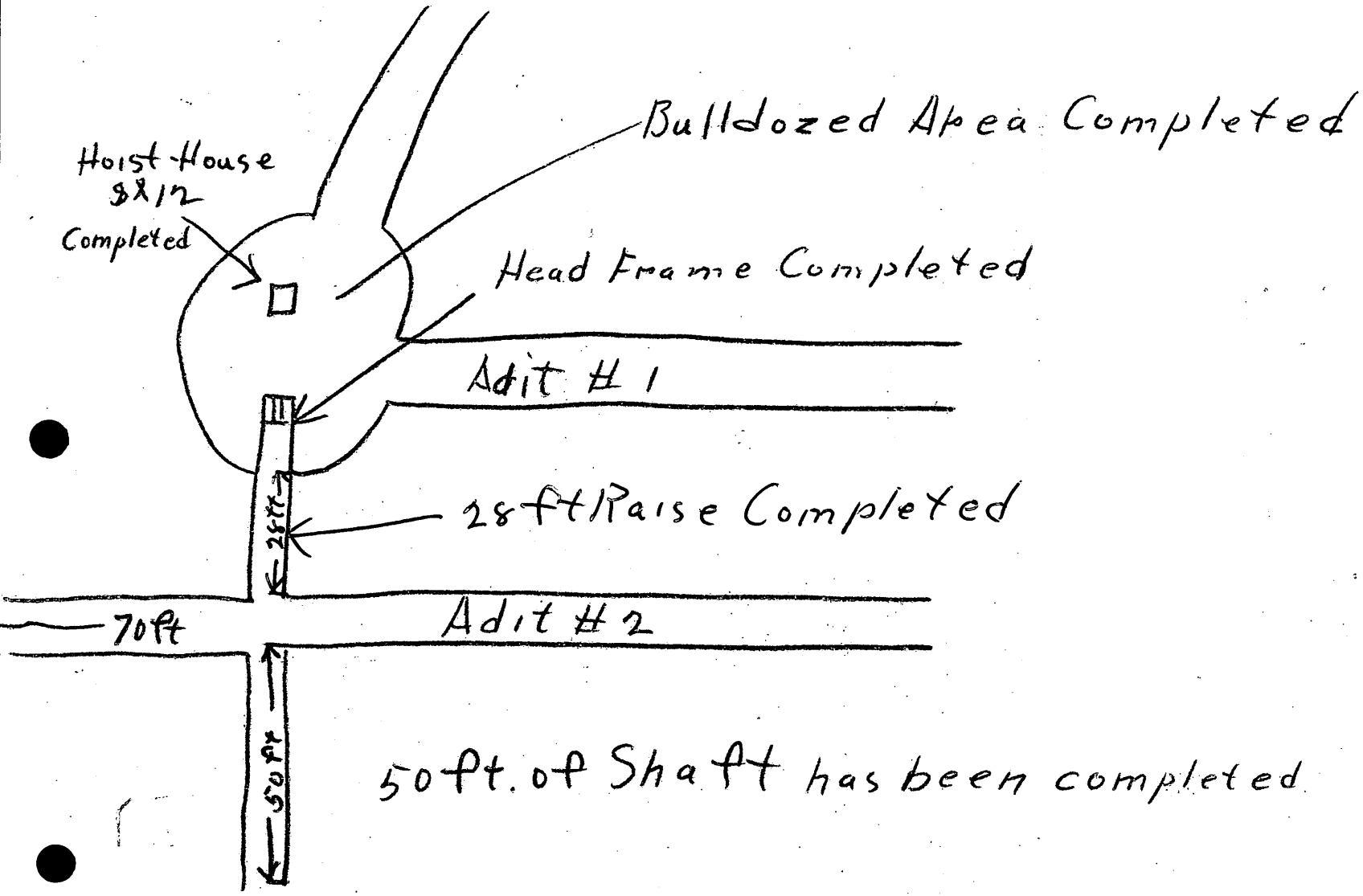
Narrative Report Feb. 5, 1953

Please find Sketches of work completed, which consists of Bulldozed area, 8x12 Hoist House, Head Frame completed 28 ft raise, from Adit #2 to surface at about same elevation as Adit # 1, We have sunk 50 feet of shaft, 20 ft in December, and 30 ft for the month of January.

Also hit a little streak of ore. Signed

James L McBroom

J R Allen


Bulldozed Area Completed
Hoist House
8x12
Completed
Head Frame Completed
Adit #1
28ft Raise Completed
28ft
70ft
Adit #2
50ft
50 ft. of Shaft has been completed

4

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1038
Approval expires 6-30-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 2 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1952 Docket No. DMEA 2650 Contract No. IDM-E 415
Operator's Name James L McBroom + L.R. Allen Minerals Tungsten
Address Box 372 A. Route 2 Boulder, Colo.
Contract Amount, $ 12,600.00 Government Participation: 75% Amount, $ 9,450.00

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~~ Hoist-House		300.00	300.00			
Bulldozing		300.00	300.00			
~~Crosscutting~~ Head Frame	300.00		300.00			
~~Drifting~~ Sinking	1200.00		1200.00			
Raising		1680.00	1680.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS X	1500.00	2280.00	3780.00	1,500.00	2,280.00	3,780.00

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

Date Jan. 5, 1953 *Payee James L McBroom L.R. Allen

Per L.R. Allen 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:

$ 1125.00

Signature [illegible]
(Authorized Certifying Officer)

Date 1/23/53 Voucher DMA 53 87

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-415 in accordance with the terms of the contract.

Signature R. P. Belmer, $1125.00 WMT Title Mining Engineer Date Jan. 14, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.A.B.

Signature W. H. King Title Executive Officer Date JAN 20 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.

GPO 83-38476

4

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
FEB 2 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 1952 Docket No. DMEA 2650 Contract No. IDM-415
Operator's Name James L McBroom + L.R. Allen Minerals Tungsten
Address Box 372 A Route 2 Boulder, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	—					160	30.00
Crosscutting								
Raising	Feet	—		1680.00	28	60.00	30	60.00
Shafts	Feet	1200.00	20	1200.00	20	60.00	85	60.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping Bulldozing	Job	—		300.00		300.00	Job	300.00
Trenching Hoist-House	Job	—		300.00		300.00	Job	300.00
Test Pits								
Roads and Trails								
Head-Frame	Job	300.00		300.00		300.00	Job	300.00
TOTAL DISTRIBUTED COSTS	X	1500.00		3780.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS	X	1500.00		3780.00				12,600.00

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

Date Jan 5, 1953 Operator James L McBroom L.R. Allen
Per L.R. Allen 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.

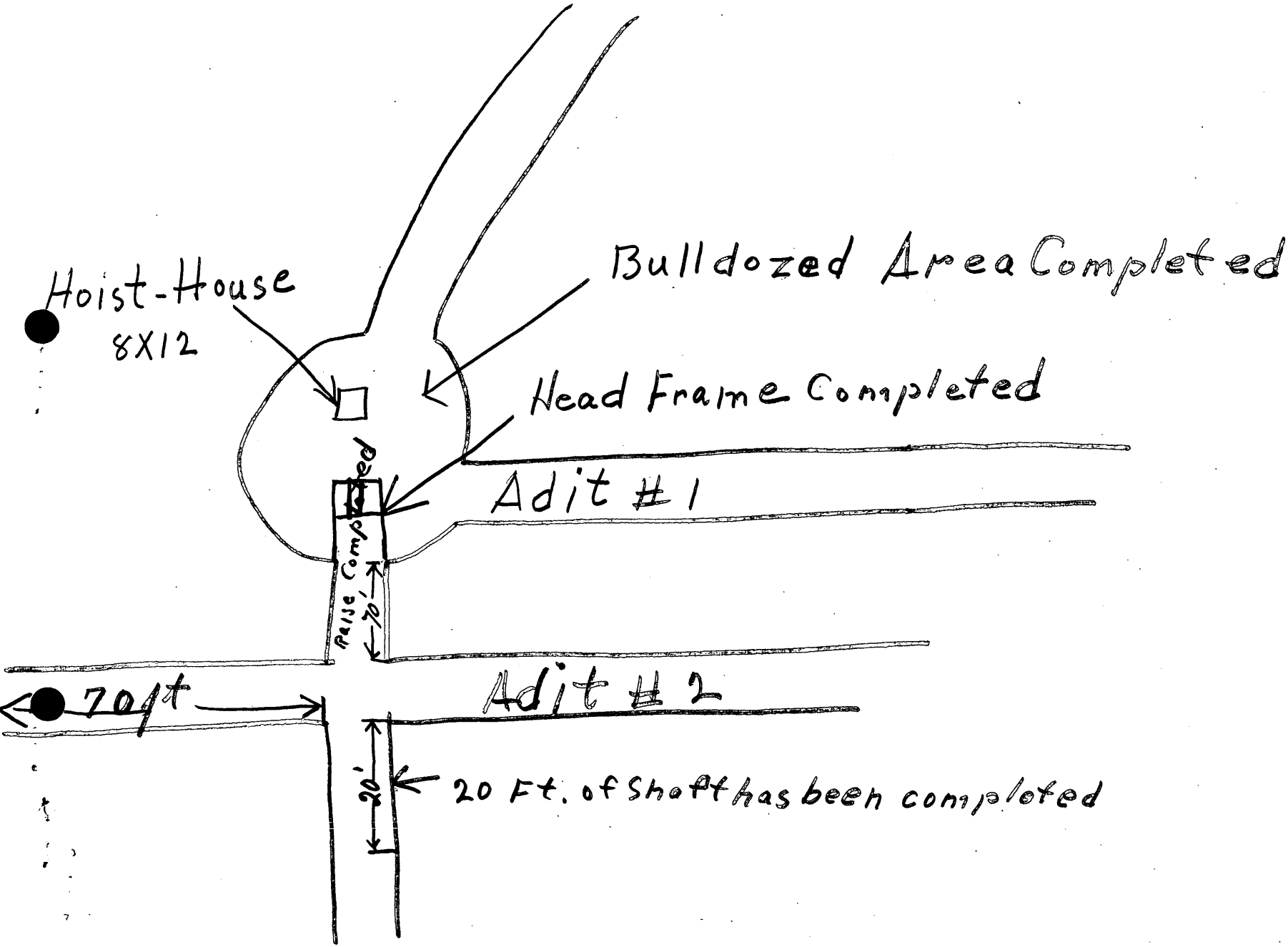
GPO 83-38475

Narrative Report Jan. 5, 1953

Please find sketches of work completed, which consists, of bulldozed Area, 8x12 Hoist house, 28 ft raise from Adit # 2 to surface at about the same elevation as Adit # 1 this work was completed for the Month of November, We have completed the Following work for the month of December - Head Frame constructed and 20 feet of Shaft has been sunk

Signed
L R Allen

James L McBroom


Hoist-House
8X12
Bulldozed Area Completed
Head Frame Completed
Adit #1
Raise Completed
70'
Adit #2
70ft
20'
20 Ft. of Shaft has been completed

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

204 New Customhouse
Denver 2, Colorado

January 20, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 2650, Contract I4n-E415, (Tungsten) James L. McBroom and L. R. Allen (Hallie A. Claim) Boulder County, Colorado - Operator's Monthly Progress Report for the period of December, 1952

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report and Engineer's Report for the above period.

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - January 5, 1953
Date Received in Field Office - January 12, 1953
Date Received in Region Office - January 16, 1953
Date Processed for Payment - January 20, 1953

W. H. King
W. H. King

Enclosures

RDB:oc

cc: Contract
Secretary to the Operating Committee (2)
WMTraver
Charon.

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 15, 1953

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Mineral Resources Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for December 1952

Please find enclosed the original and four copies of the above progress report--forms MF-104 and MF-104A, with narrative and sketch--and the original and six copies of R. L. Bolmer's memorandum covering his inspection. The contract is on short form MF-200 (A).

The MF-104 forms are correctly completed to reflect the progress reported in the narrative of headframe construction and 20 feet of shaft sinking.

Payment is approved of $1,125.00, or 75 percent of the total $1,500.00 claimed by the contractor.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

WMT/cb

cc 4
E415
DMEA Chron

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
January 15, 1953

Memorandum

To: Chief, Mineral Resources Branch, Mining Division, Region IV

From: R. L. Bolmer

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for December 1952

Progress under the subject short form contract was inspected January 13, 1952. The advance reported, 20 feet of sinking and the construction of a headframe, was found correct.

The work reported and the unit costs claimed conform to the terms of the contract and have been shown correctly on forms MF-104 and MF-104A. The total amount claimed, $1,500.00, is approved. Payment of 75 percent of the approved amount, or $1,125.00, is recommended.

R. L. Bolmer

R. L. Bolmer,
Mining Engineer

RLB/cb

cc 6
E415
DMEA Chron

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

Date Rec'd
DEC 5 1952
BUREAU OF MINES
Denver, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DIST. ENGR. WMS
EXAMINATION
PERSONNEL
FILES

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1952 Docket No. DMEA 2650 Contract No. IDM-E 415
Operator's Name James L. McBroom + L. R. Allen RLG Minerals Tungsten
Address Box 372 A Rt 2 Boulder, Colo.
Contract Amount, $ 12,600.00 Government Participation: 75% Amount, $ 9,450.00

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~~ Hoist House	300.00	—	300.00			
Bulldozing	300.00	—	300.00			
Crosscutting						
Drifting						
Raising	1680.00	—	1680.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS X	2280.00		2280.00	2280.00		2280.00

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

Date Nov. 4, '52 *Payee James L McBroom L R Allen

Per L R Allen 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:

$1710.00

Signature [illegible] (Authorized Certifying Officer)

Date 12/17/52 Vou. No. DMM 53-73

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E-415 in accordance with the terms of the contract.

Signature R. P. Palmer, $1,700.00 WS Title Mining Engineer Date Dec. 8, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: R.D.B.

Signature W. H. King Title Executive Officer Date 12/12/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A (April 1952) Colorado Branch

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

Date Rec'd
DEC 5 1952
BUREAU OF MINES
Denver, Colorado

DIST. ENGR. WMS
EXAMINATION
CLERK
PERSONNEL
FILES

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

Month of November 1952 Docket No. DMEA 2650 Contract No. IDM-E415
Operator's Name James L. McBroom & L. R. Allen Minerals Tungsten
Address BOX 372 A Rt 2 Boulder, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	—		—	—	—	160	30.00
Crosscutting								
Raising	Feet	1680.00	28	1680.00		$60.00	30	60.00
Shafts	Feet	—		—	—	—	85	60.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping Bulldozing	Job	300.00	Job	300.00	Job	300.00	Job	300.00
~~Trenching~~ Hoist House	Job	300.00	Job	300.00	Job	300.00	Job	300.00
Test Pits								
Roads and Trails								
Head Frame	Job	—		—		—	Job	300.00
TOTAL DISTRIBUTED COSTS		2280.00		2280.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2280.00		2280.00				12,600.00

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

Date Nov. 4, '52 Operator James L. McBroom L R Allen
Per L R Allen 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

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

224 New Customhouse
Denver 2, Colorado

December 12, 1952

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 2650, Contract Idm-E415 (Tungsten) James L. McBroom and L. R. Allen (Hallie "A" Claim) Boulder County, Colorado Operator's Monthly Progress Report for the period of November, 1952

Enclosed are the original and four copies of Form MF-104 and Form MF-104A, Narrative Report, and Engineer's Report for the period of November, 1952

The small amount of progress reported did not warrant an inspection, therefore, subject to subsequent verification work reported and contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations, we recommend that payment be made to the operator for 75 percent of the amount claimed on Form MF-104.

No documentation is required for work performed under contracts prepared on Form MF-200A.

W. H. King
W. H. King

Enclosures

RDB:oc
cc: Contract
Secretary to Oper. Comm. (2)
WMTraver
Chron.
AHKoschmann (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
December 8, 1952

Memorandum

To: Executive Officer, Field Team, Region IV

From: Chief, Colorado Branch, Mining Division, Region IV

Subject: DMEA 2650, Contract Idm-E415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for November 1952

Enclosed please find five copies of the initial progress report on the above short form contract—forms MF-104 and MF-104A, with proper documentation—and seven copies of R. L. Bolmer's memorandum covering inspection of the accounts.

The forms MF-104 are correctly completed in accordance with the terms of the contract. Inspection of the surface and underground progress for verification will be made with the engineer's regular monthly inspection of other projects in the Nederland area.

Payment is approved of $1,710.00, or 75 percent of the total $2,280.00 claimed by the contractor, is approved.

for Scott W. Hagen
W. M. Traver, Jr.

enclosures

WMT/cb

cc 4
AHKoschmann
E415
DMEA Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Region IV

Building 20, Room 137
Denver Federal Center
Denver 14, Colorado
December 8, 1952

Memorandum

To: Chief, Colorado Branch, Mining Division, Region IV

From: R. L. Bolmer

Subject: DMEA 2650, Contract Idm-R415 (Tungsten), James L. McBroom and L. R. Allen (Hallie "A" claim), Boulder County, Colorado - Progress report for November 1952

Progress under the subject short form contract is reported by the contractors as (1) raising the shaft 28 feet from a point in Adit No. 2 to the surface, (2) completion of bulldozing for the surface site, and (3) the construction of an 3- by 12-foot hoist house. The work reported and the unit costs claimed conform to the terms of the contract and have been shown correctly on the form MF-104A.

There is no reason to believe that the work completed has not been performed as reported and as authorized by the contract. Actual inspection and measurement of the progress will be incorporated with the forthcoming inspections in Boulder County.

The total amount claimed, $2,280.00 is approved. Payment of 75 percent of the approved amount, or $1,710.00, is recommended.

R. L. Bolmer
Mining Engineer

RLB/eb

cc: 6
AHLoschmann
R415
DMEA Chron

Narrative Report Dec. 4, 1952

Enclosed find sketches of work completed, which consists, of bulldozed Area, 8x12 Shaft house and 28 ft. raise, from Adit # 2 to surface at about the same elevation as Adit # 1

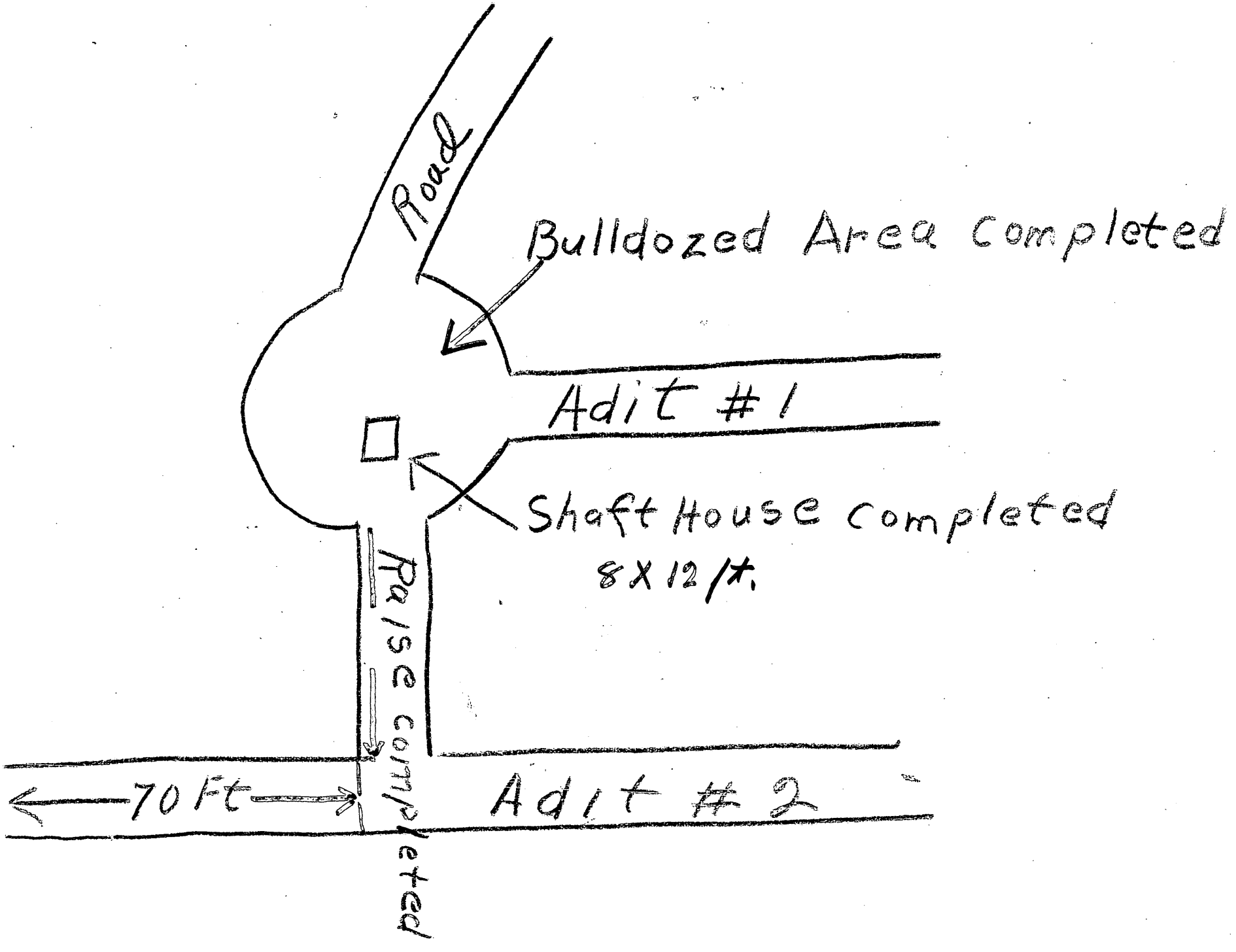
Hallinan

Signed
James L McBroom
L. R. Allen

Colorado Branch

Date Rec'd
DEC 5 1952
BUREAU OF MINES
Denver, Colorado

DIST. ENGR.	WMT
EXAMINATION	
DIST. CLERK	
PERSONNEL	
FILES	BJB
RLG	


Road
Bulldozed Area Completed
Adit #1
Shaft House completed
8 X 12 ft.
Raise completed
70 Ft
Adit #2

C
O
P
Y

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

November 13, 1953

Mr. James L. McBroom
Hallie "A" Mining Company
Box 372 A, Rt. 2
Boulder, Colorado

Re: Docket No. DMEA 2650 - Tungsten
James L. McBroom & L. R. Allen
Hallie "A" mine
Boulder County, Colorado
Contract No. Idm-E415

Dear Mr. McBroom:

This is with reference to the subject exploration project between the Hallie "A" Mining Company and the Government.

The final audit of the contract expenditures and the final reports of the Operator and the Field Team have been received and accepted by this Administration. Of the total amount of $12,600.00 approved under the contract, the sum of $12,000.00 was expended, 75 percent of which, or $9,000.00, represented the Government's share. There were no unused supplies, material, or equipment remaining to be disposed of for the joint account of the Operator and the Government. The exploration work was completed in a satisfactory manner.

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 3 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,

/s/ C. O. Mittendorf

Administrator

FARutledge:foc 11-12-53
cc: Docket
Code 400
FT, Reg. IV
Admr. Reading File
Operating Comm.
F. W. Geehan, USBM
T. P. Thayer, USGS

Do[illegible]t No. DMM 3650

Commodity Tungsten

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TERMINATED

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

Please enter on the records of the Defense Minerals Exploration Administration, under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 415

Date of Contract or Amendment: October 6, 1952

Name and Address of Operator:

James L. McBroom & L. R. Allen
partnership under name of
Hallie "A" Mining Co.
Boulder, Colorado

Amount of Government participation $ 9,450.00

Percent of Government participation 75 %

Region: IV State: Colorado

NOTE: Please release $450.00, Advice Contract Administration and Audit Division

(Name)

J. L. Chambers,
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. Sept. 23, 1953

13908

Docket No. ~~DMEA 2650~~

Commodity ~~Tungsten~~

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

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

Please enter on the records of the Defense Minerals Exploration Administration, under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E ~~435~~

Date of Contract ~~or Amendment:~~ October 6, 1952

Name and Address of Operator:

James L. McBroom & L. E. Allen
partnership, under name of
Hollis "A" Mining Company
Boulder, Colorado

Amount of Government
participation ~~$9,450.00~~ $9,450.00

Percent of Government
participation 75 %

Region: IV State: Colorado

(Name)

J. L. Chambers,
Chief Contract Administration
and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. Oct. 6, 1952 13908

MF-200 (A)
(February 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

DOCKET NO. [redacted]EA 2650

COMMODITY Tungsten

IDM-E 415

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

EXPLORATION PROJECT CONTRACT[1]
(Short Form)

IT IS AGREED this 6th day of October, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] James L. McBroom, Box 372A, Rt. 2, Boulder, Colorado, and L.R. Allen, Grand Junction, Colorado, a partnership under the name of Hallie "A" Mining Company

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 Colorado, County of Boulder, described as follows:[3] Hallie "A" Mining Claim recorded in Book 629, Page 292, in the County Clerk and Recorder's Office of Boulder County

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, encumbrances, and royalties, which the subordination agreement or the holder is attached.~~

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

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

ARTICLE 3. *Exploration project.*—The Operator, within sixty (60) 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 14 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. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. 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 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay seventy-five (75) percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $ 9,450.00, which is 75 percent of $ 12,600.00, 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 check or 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. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed 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 units of work performed 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.

[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*) *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 the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, 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 and statement of work performed to accompany his final report.

ARTICLE 6. *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 the 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 7. *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 8. *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.

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

Hallie "A" Mining Company
(Operator)

By W. H. King
Executive Officer
DMEA Field Team, Region IV

By James L. McBroom
L. R. Allen

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—66329-1

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Colorado, County of Boulder, described as follows: 1/

The Hallie "A" Mining Claim recorded in Book 629, Page 292, official records of said County

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

2/ James L. McBroom
L. R. Allen

hereinafter called the "Operator"; and

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

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 9,450.00, or ten years have elapsed from the date of the contract.

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

Dated this 3 day of September, 1952.

_____ [Seal]

Jerris B. Mitts [Seal]

_____ [Seal]

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

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

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

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

RELEVANT CONTRACT PROVISIONS

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

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

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

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

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

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

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

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

EXHIBIT "A"

Description of the Work

Bulldoze a surface site for shaft and hoist house at about the same elevation as the upper adit dump.

Raise the shaft from the lower adit 30 feet to the surface.

Erect a headframe and an 8x12 foot hoist house.

Sink the shaft 85 feet, including a 10 foot sump, below the No. 2 adit level.

Drift 160 feet in a northeasterly direction on the vein on the bottom level which is 75 feet below the No. 2 adit.

The work is shown on Figure 4 which is attached hereto. Figures 3 and 4 are hereby made a part of EXHIBIT "A".

Estimated Costs of the Project

Bulldozing surface site 1/	$ 300.00
Construct hoist house 1/	300.00
Erect headframe 1/	300.00
Raising shaft 30 feet @ $60.00 per foot	1,800.00
Sink 85 feet @ $60.00 per foot	5,100.00
Drift 160 feet @ $30.00 per foot	4,800.00
Total	$12,600.00
Government participation at 75%	$9,450.00

1/ The entire work constitutes the unit of work.

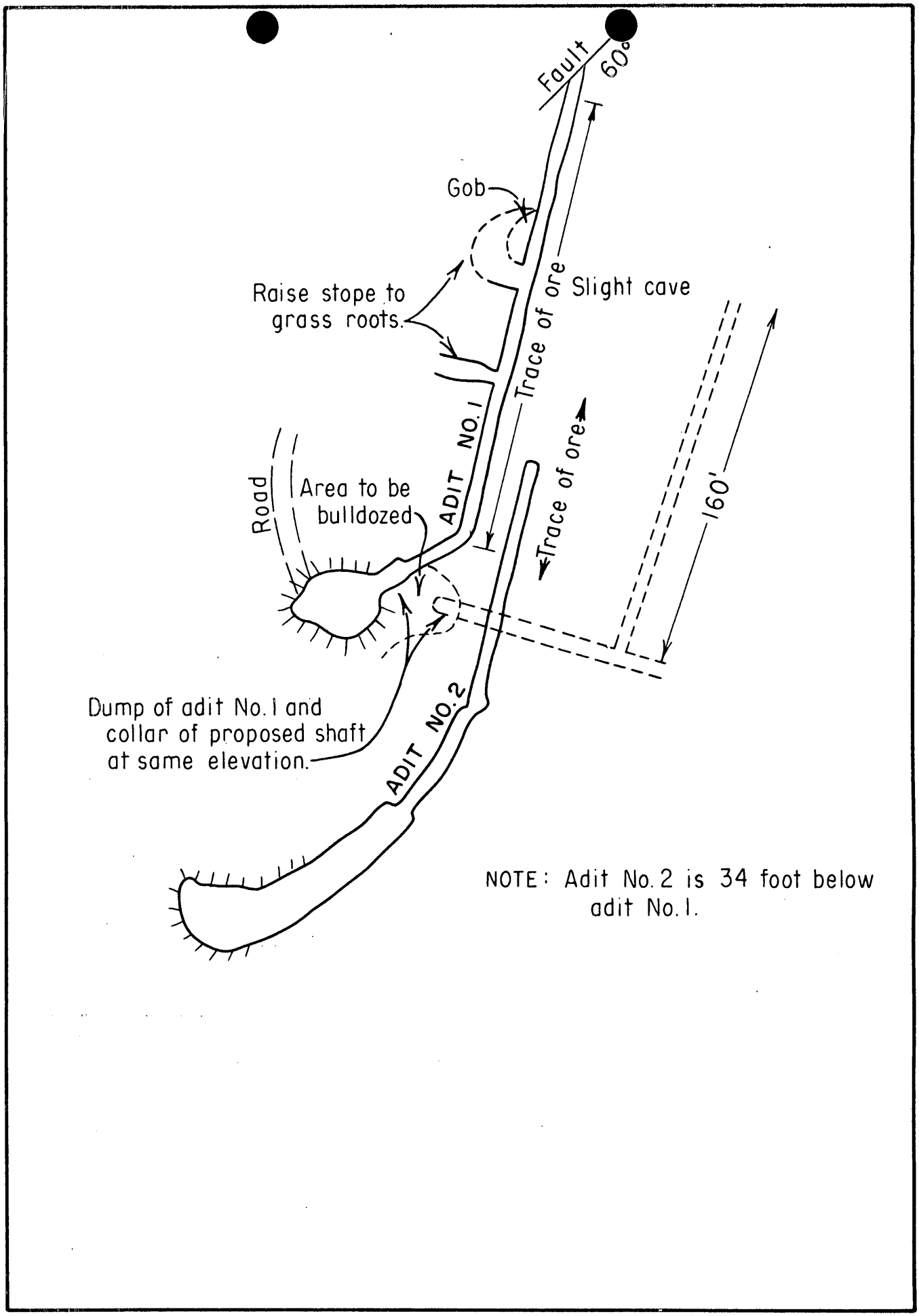


FIG. 4. - HALLIE A. TUNGSTEN WORKINGS AND PROPOSED WORK, AUG. 1952 D.M.E.A. 2650

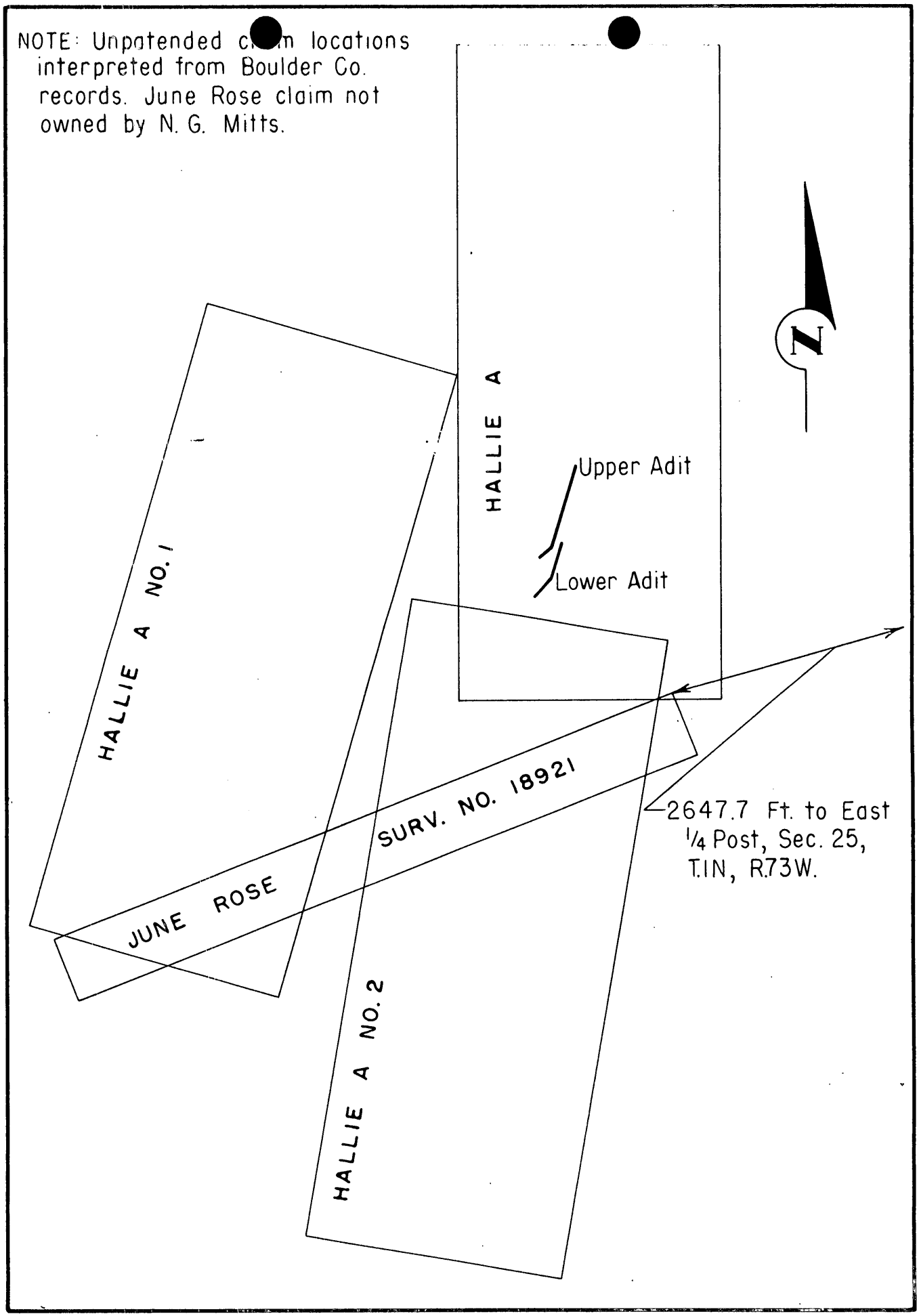


FIG. 3.- HALLIE A TUNGSTEN PROPERTY CLAIM MAP, BOULDER CO. COLO. D.M.E.A. 2650