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

RECEIVED
SEP 12 1956

224 New Customhouse
Denver 2, Colorado

September 10, 1956

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Dozer Mine) Boulder County, Colorado

Enclosed are the original and three copies of an Interim Report, dated September 6, 1956, by Lawrence J. McGreevy, Geologist, U. S. Geological Survey, covering operations under the subject contract through September 5, 1956.

W. M. Traver

W. M. Traver

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
SEP 7 1956
REGION III
DENVER, COLORADO

September 6, 1956

RECEIVED
SEP 12 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III
Through: E. N. Harshman

From: Lawrence J. McGreevy

Subject: DMEA Docket 3807 (Tungsten), Contract Idm-E909, Reynolds Tungsten Corporation, Boulder County, Colorado

Interim Report

The subject property was visited on September 5, 1956, to examine the project work completed under the contract.

To date the proposed 800-foot crosscut has been advanced 340 feet on a course S. 70° to 72° E. from the face of the old Prospect Tunnel. The country rock throughout the new heading is a medium-grained quartz-biotite gneiss facies of the Boulder Creek granite, cut by large irregular seams and masses of pegmatite. Sporadically scattered wedges and blocks of Idaho Springs schist appear to occur as inclusions within the pegmatite. It is probable that a schist-granite contact is very close to the present heading. The gneissic structure throughout the crosscut strikes N. 5° to 20° W. and dips 40° to 60° NE, and the pegmatite masses appear to

have been intruded parallel to this general attitude. About 65 feet from the face of the old Prospect Tunnel a 1- to 2-foot shear zone occurs within pegmatite. The zone strikes NE and dips steeply south. Brecciated pegmatite material and seams of light-gray gouge fill the zone. No mineralization is present. Several other, much smaller, shears and fractures occur sporadically throughout the crosscut. They have the same general northeast strike and nearly vertical dips. Most of the fractures contain light-gray gouge but thin seams of brick-red (hematitic) gouge are also common. A few are filled with fine-grained horn-quartz. All the observed fractures were barren of mineralization. The only showing of mineralization observed in the new heading was within 1 to 2 feet of the present working face. Here two small pockets, less than 1 inch in diameter, containing galena and chalcopyrite occur with pegmatite material. The mineralized pockets are apparently isolated within the pegmatite as no fractures or shears are associated with them.

With 340 feet of the proposed 800-foot crosscut completed, 410 feet remain to be driven before the new heading can be expected to intersect the northwest trending Hurrican Hill breccia reef structure.

L. J. McGreevy

Lawrence J. McGreevy
Geologist

Enclosures

Dma #61

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
[illegible] Denver 2, Colorado
Administrative Audit Difference Statement

FINAL DISTRIBUTION
MADE NOV 21 1957

Reynolds Computer Corporation
[illegible] First National Bank Building
Denver 2, Colorado

Date: [illegible] 1957
Payee's
Reference: October 1957

Gentlemen:

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 1,330.24

Difference $

Amount Approved $ 1,330.24

The reason for the difference was due to:

Detail: $50.00 pending possible performance of additional work under the Contract.

EXTRA COPY
D M F A
RECEIVED [illegible] 1957

DATE		CODE
11/25	JEO	110
	WSM	400

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

MF-104 Oct. 1957

N. E. Stokes
Audit Section

Rachel L. Cooper
Fiscal Officer, Region III

R-III-B & F Form No. 4
4-15-52 D

224 New Customhouse
Denver 2, Colorado

November 15, 1957

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Dozer mine) Boulder County, Colorado. Operator's Monthly Progress Report for the month of October, 1957

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

We consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. All of the work was performed at "Fixed Unit Costs" under the short form contract on Form MF-200A, therefore documentation of the costs is not required. We recommend that payment be made to the Operator for 75 percent of the amount reported on Form MF-104, subject to your verification of applicable rates and arithmetical accuracy within the report, except for the following deduction.

<u>Withhold</u> an amount of $500.00 from reimbursement from the Operator pending possible performance of additional work under the contract. If additional work is not approved by the Government and performed by the Operator, continue to withhold the amount of $500.00 pending resolution of all matters prerequisite to closing the account.

REMARKS:

Date of Report ----------October 11, 1957
Date Received in Field Office ----------October 17, 1957
Date Received in Region Office--------- November 14, 1957

Original signed by
E. N. HARSHMAN

E. N. Harshman

Enclosures
JDC:jy
cc: Chm. Op. Comm. (2)
DMEA,DFC
MF-104 file, Reg. III
Harshman) w/copy of Engr's. report
Townsend)
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
NOV 14 1957
REGION III
DENVER, COLORADO

REGION III

Memorandum

Building 20
Denver Federal Center
Denver 2, Colorado
November 14, 1957

To: Acting Executive Officer, DMEA Field Team, Region III

From: W. W. Winkel

Subject: Docket DMEA-3807 (Tungsten), Contract Idm-E909, Reynolds Tungsten Corporation (Boner mine), Boulder County, Colorado---Progress report for October 1957.

The core resulting from drilling under Stage II, amendment No. 3, during October, was checked on October 28, 1957 at the subject property. Core recovery on completed drill hole No. 4 was estimated to be 92.5 percent on the 200 feet of hole drilled. Core recovery on drill hole No. 3, bottomed at 186 feet, was 90.5 percent.

Core drilling under Stage II, amendment No. 3 was started on September, 23, 1957, and completed on October 8, 1957. The reported drilling conforms with the provisions of the contract.

It is recommended that the amount of $500.00 be withheld by the Government on the October 1957 claim for drilling pending a final decision on the operator's request for drifting under Stage II, amendment No. 3.

Payment of $1,078.68 or 75 percent of the amount claimed, $1,438.24, is recommended by the inspecting engineer.

W. W. Winkel
W. W. Winkel
Mining Engineer

WWW:as
cc: 6
Idm-E909
Chron

KERRGLAS TUNGSTEN CORPORATION
1038 First National Bank Building
Denver 2, Colorado

October 11, 1957

Mr. K. H. Harshman, Acting Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
234 Post Office
Denver 2, Colorado

Re: Project No. DMEA 3087 (Tungsten)
Contract No. [illegible]

Dear Sir:

ROAD MINE

Report for October, 1957

Stage II was continued with Diamond Drill Hole No. 4 completed to 200 feet. No. 3 was begun and bottomed at 126 feet.

A map showing the locations of Holes No. 3 and 4, together with their respective logs, are enclosed.

Yours respectfully,

KERRGLAS TUNGSTEN CORPORATION

G. C. Rickard

G. C. Rickard

GCR:jd

Enc.

cc: Mr. D. J. Lankhorst, President
Reynolds Tungsten Corporation
New York, New York

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

Budget Bureau No. 42-R1036.5

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

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

Month of October, 1957 Docket No. DMEA 9-09 Contract No. Id-0 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1033 First National Bank Building, Denver 2, Colorado
Contract Amount, $ 75,269.50 Government Participation: 75 % Amount, $ 56,367.13

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	1,415.24	7,360.20	8,775.44			
Bulldozing						
Crosscutting		25,052.35	25,052.35			
Drifting						
(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	20.00	50.00	70.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,435.24	33,460.55	34,895.79	1,438.24	33,480.55	34,918.79

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

Date 10-11-57 *Payee Reynolds Tungsten Corporation

Per [signature] Title Vice President

*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:

$ ~~1078.68~~ 578.68 RRe

Signature RRe
(Authorized Certifying Officer)

Date 11/20/57 Vou. No. DMA-58-61

(See other side)

Note: Withheld 500.00

(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-909 in accordance with the terms of the contract. Nov. 13, 1957

Signature W. W. Winkel (~~$540.19~~) $1,078.68 Title Mining Engr. Date ~~Oct. 29, 1957~~

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title acting Executive Officer Date NOV 15 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

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

Month of October, 1957 Docket No. DMEA 3-07 Contract No. 1a-209
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1033 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting				26,002.35	673.0	20.65	650	20.65
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	1,438.24	256.0	8,736.44	1586.0	5.54	1000	5.54
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying		20.00	4	70.00	14	5.00	30	5.00
TOTAL DISTRIBUTED COSTS		1,458.24		34,808.79				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
		1,438.24						
TOTAL COSTS				34,808.79				

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.

REMARKS: W. W. Winkel

Date October 11, 1957 Operator Reynolds Tungsten Corporation

Per [signature] Title Vice President

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 872894

REYNOLDS TUNGSTEN CORPORATION
1038 First National Bank Building
Denver 2, Colorado

October 8, 1957

DOWER MINE

Log of D.D.H. II-3

Location:		Collar:	
Latitude	4,617.0	Elevation	8,234.5
Departure	2,769.7	Bearing	N30°E
		Dip	Horizontal

0 - 44	Fractured and silicified, medium-grained granitic rock with quartz veinlets. Rock and veinlets mineralized with galena and chalcopyrite. Between 1 and 11, 2' lost Between 20 and 30, 2' lost Between 30 and 40, considerable, black, earthy hematite. Sample No. 1, Sludge 30 to 40, 10' WO_3 Nil.
44 - 47	Dark-gray, vuggy, cherty quartz veining previously silicified rock. Sample No. 2, Sludge 40 to 50, 10' WO_3 Nil.
47 - 51	Same as 0-44.
51 - 59	Dark-gray, vuggy, cherty quartz veining previously silicified rock. Sample No. 3, Core, 51-52, 1', WO_3 Nil. Sample No. 4, Sludge 50 to 60, 10', WO_3 Nil.
59 - 72	Silicified, altered, foliated, vuggy, fine to medium-grained rock. A little specularite in fractures.
72 - 76	Same, but containing numerous vuggy quartz stringers mineralized in places with specks of gray sulphides.
76 - 139	Same as 59-72, but silicification not so heavy between 92 and 98, but heavier between 99 and 102 and again at 105. Between 114 and 116, quartz stringers vuggy and contain galena. Between 119 and 122, gray sulphide mineralization again heavy in stringers, particularly between 120 and 122. Between 130 and 132, quartz stringers heavy. Between 137 and 139, pegmatite.
139 - 153	Medium-grained to coarse-grained slightly foliated biotite granite silicified in places; some hematite at 141.
153 - 155	Silicified granitic rock, with gray and white quartz veinlets.
155 - 161	Medium to coarse-grained granite gneiss, fractured and silicified at 161.
161 - 163	Vuggy white and gray quartz veinlets veining granite gneiss.

REYNOLDS TUNGSTEN CORPORATION
1016 First National Bank Building
Denver 2, Colorado

October 8, 1957

ANNIE MINE

Log of D.D.H. II-3 cont.

Location:		Collar:	
Latitude	4,617.0	Elevation	8,334.5
Departure	2,749.7	Bearing	E30°S
		Dip	Horizontal

163 - 186	Medium to coarse, homogeneous, heterogeneously mixed (biotite-heavy sections mixed with almost pure quartz-feldspar sections) biotite granite.
186	Bottom of hole.

REYNOLDS TUNGSTEN CORPORATION
1038 First National Bank Building
Denver 2, Colorado
October 2, 1957

DOZER MINE

Log of D.D.H. II-4

Location:		Collar:	
Latitude	4609.5 N	Elevation	8234.5
Departure	2773.0 E	Bearing	Due East
		Dip	Horizontal

0 - 49	Light-colored, medium-grained, foliated, altered, silicified, fractured granitic rock. Some mineralization mainly in fractures, galena, pyrite. Between 21 and 24, mineralization is heavy. Beyond 30, mineralization becomes scarce.
49 - 64	Same, but fine-grained. Possibly silicified aplite. Some manganese-stained fractures.
64 - 75	Same as 0 - 49, medium-grained. Between 69 and 80, 2' lost
75 - 82	Gray colored, coarse, homogeneous pegmatite. Fractures mineralized with hematite. Between 80 and 89, 1' lost
82 - 140	Slightly altered, foliated, crumbly, fractured, soft, silicified, biotite gneiss or schist. Between 100 and 101, silicification heavy. Between 119.5 and 130, 2 ' lost At 125 foliation disappears Between 130 and 136.5, 1' lost Between 136.5 and 140.0, 2' lost
140 - 153	Coarse, pink-colored pegmatite, with large, green-colored mica and flesh-colored feldspars.
153 - 158	Slightly foliated, medium to coarse-grained, heterogeneously mixed biotite granite. Some pyrite disseminated between 158 and 160.
158 - 166	Silicified, altered, fractured, granitic rock with vuggy quartz stringers.
166 - 200	Slightly foliated, medium to coarse-grained biotite granite, pegmatitic in places. Between 175 and 185, 1' lost Between 196 and 200, quite foliated.
200	Bottom of hole.

Dma #61

FINAL DISTRIBUTION

MADE NOV 21 1957

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
224 New Custom House, Denver 2, Colorado
Administrative Audit Difference Statement

Reynolds Tungsten Corporation
622 First National Bank Building,
Denver 2, Colorado

Date: October 20, 1957
Payee's
Reference: October 1957

Gentlemen:

Upon examination of the above Payee's Reference a difference was found which made it necessary to suspend your account accordingly:

Amount Claimed $ 720.20

Difference $

Amount Approved $ 720.20

The reason for the difference was due to:

Deductions: $500.00 which was withheld from the April 1957 voucher.

EXPIRATION
DMEA
RECEIVED NOV 2 1957

DATE	[illegible]	CODE
7/21	11/25	110
11/25	[illegible]	400

Sept.
Sept. 1957

Any reclaim for deductions made above must be supported by the ORIGINAL of this form.

Very sincerely yours,

RRC

N. E. Stokes
Audit Section

Daniel L. Cooper
Fiscal Officer, Region III

R-III-B & F Form No. 4
4-15-52 D

224 New Customhouse
Denver 2, Colorado

November 15, 1957

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Dozer mine) Boulder County, Colorado. Operator's Monthly Progress Report for the month of September, 1957

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

We consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. All of the work was performed at "Fixed Unit Costs" under the short form contract on Form MF-200A, therefore documentation of the costs is not required. We recommend that payment be made to the Operator for 75 percent of the amount reported on Form MF-104, subject to your verification of applicable rates and arithmetical accuracy within the report. In addition, the following reinstatement is to be made.

Reinstate the amount of $500.00 which was withheld from the April, 1957 voucher pending performance of additional work. Project work has been resumed.

An appropriate amount will be withheld from the October, 1957 voucher pending additional work or closing the account.

REMARKS:

Date of Report ---------- October 11, 1957
Date Received in Field Office ---------- October 17, 1957
Date Received in Region Office ---------- October 30, 1957

Original signed by
E. N. HARSHMAN

E. N. Harshman

Enclosures
JDC:jy
cc: Chm. Op. Comm. (2)
DMEA,DFC
MF-104 file, Reg. III
Harshman
Townsend } w/copy of Engr's. Report
Chron.

DMEA
OF THE INTERIOR
OCT 30 1957
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
October 30, 1957

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III

From: W. W. Winkel

Subject: Docket DMEA 3807 (Tungsten) Contract Idm-2909, Reynolds Tungsten Corporation (Deaver mine) Boulder County, Colorado -- Progress report for September 1957

The core, resulting from drilling under Stage II, amendment No. 3 during September 1957, was checked at the subject property on October 28, 1957. Core recovery on the 130 feet of reported drilling is estimated to be about 91 percent.

Core drilling, under Stage II, amendment No. 3, was started on September 23, 1957 in No. 4 drill hole, which was drilled to a depth of 130 feet by the end of the reporting period. The reported drilling conforms with the provisions of the contract.

The operator has submitted a brief narrative report, forms MF-104 and 104A, lithologic log, and plan map showing location and direction of drill hole No. 4; other documentation to support this claim is not required by the contract.

It is recommended that the amount of $500.00 withheld on the April 1957 claim, and on the completion of Stage I work, be retained by the Government pending evaluation of the drilling scheduled under Stage II. This amount should also be withheld pending approval or disapproval of the Stage II drifting. Recommendations regarding the drifting under Stage II is to be covered by a joint memorandum report scheduled to be prepared in the near future.

Payment of $540.15 or 75 percent of the amount claimed $720.20 is recommended by the inspecting engineer.

W. W. Winkel
W. W. Winkel
Mining Engineer

WWW/mr cc: 6 Idm-2909 chron

KEYSTONE TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

October 11, 1957

Mr. E. E. Thurman, Acting Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
225 Rear Quackenbush
Denver 2, Colorado

Re: Docket No. DMEA 3027 (Tungsten)
Contract No. [illegible]

Dear Sir:

BOXER MINE

Report for September, 1957

Stage II was begun on September 23rd with D.D.H. No. 4, as per Amendment No. 3, and 130.0 feet completed by the end of the month.

A map showing the location of the above hole is enclosed.

Yours respectfully,

KEYSTONE TUNGSTEN CORPORATION

G. C. Kirland

G. C. Kirland

GCK:jd

Enc.

cc: Mr. H. H. Lockhart, President
Reynolds Tungsten Corporation
New York, New York

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

Budget Bureau No. 42-R1036.5

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

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

Month of September, 1957 Docket No. DMEA 3307 Contract No. Ida-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1038 First National Bank Building, Denver 2, Colorado
Contract Amount, $75,239.50 Government Participation: 75 % Amount, $56,407.13

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	720.20	6,648.00	7,368.20			
Bulldozing						
Crosscutting		26,062.35	26,062.35			
Drifting						
(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		50.00	50.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	720.20	32,760.35	33,480.55	720.20	32,760.35	33,480.55

I certify that the above bill is correct and just and that payment therefor has not been received.
Date October 11, 1957 *Payee Reynolds Tungsten Corporation
Per [signature] Title Vice President

*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:
$ ~~540.17~~ 1040.15 RRC
Signature RRC
(Authorized Certifying Officer)
Date 11/20/57 Vou. No. DMA-58-61
(See other side)

Note: Reinstate 500.00

(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-909 in accordance with the terms of the contract.

Signature W. W. Winkel ($540.15) Title Mining Engr. Date Nov. 15, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature E. M. Hawkman Title acting Executive Officer Date NOV 15 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

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

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

Month of September, 1957 Docket No. DMEA 3307 Contract No. [illegible]
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1038 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting				26,002.35	879.0	29.65	800	29.65
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	720.20	130.0	7,360.20	1330.0	5.54	1600	5.54
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying				50.00	10	5.00	30	5.00
TOTAL DISTRIBUTED COSTS		720.20		33,412.55				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		720.20		33,412.55				

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.

REMARKS: W. W. Winkel

Date October 11, 1957 Operator Reynolds Tungsten Corporation

Per [signature] Title Vice President

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 872894

RECEIVED NOV 18 1957		
DATE	INITIALS	CODE
11/18	gb	220
11/18	[illegible]	800
11/19	WSM	400

224 New Customhouse
Denver 2, Colorado
November 15, 1957

Mr. G. C. Ridland, Vice President
Reynolds Tungsten Corporation
822 First National Bank Building
Denver 2, Colorado

Re: Docket DMEA-3807 (Tungsten)
Contract Idm-E909
Reynolds Tungsten Corp.
(Dozer mine)
Boulder County, Colorado

Dear Mr. Ridland:

Forms MF-104, Operator's Monthly Report and Voucher for September and October, 1957, have been received in this office and are being processed for payment.

In order to keep our records current, the amount of $500.00, which was previously withheld from the April, 1957 voucher is reinstated in processing the September, 1957 voucher, and an amount of $500.00 is withheld from the October, 1957 voucher pending possible additional work under the contract.

If additional work is not approved by the Government and performed by Reynolds Tungsten Corporation, the amount of $500.00 will continue to be withheld pending resolution of matters prerequisite to closing the account, which includes

1. Execution by the parties to the contract of a suitable agreement to terminate the contract in its present status, without requiring performance of the balance of work provided for.
2. Rendering to the Government a final report as required under Article 6. (c) of the contract form.
3. The release to this office of an audit report or Report of Review of the reported project expenditures by the Contract Administration and Audit Division, DMEA.

Very truly yours,

E. N. HARSHMAN

E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III

JDC:jy
ccL Chm.Op.Comm.(2)
Harshman
DMEA,DFC
Townsend
Corres. file
Chron.

FINAL DISTRIBUTION
MADE APR 24 1957

224 New Customhouse
Denver 2, Colorado

April 19, 1957

DMEA RECEIVED APR 22		
DATE	INITIALS	
4/27	[illegible]	110
4/30	WSG	400

Memorandum

To: E. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket-3807, (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect tunnel) Boulder County, Colorado - Operator's Monthly Progress Report, for the month of March, 1957

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

We consider that the Operator has complied with the intent of the contract and the work for which payment is recommended is acceptable to the Government. 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.

Hole No. P-7 was started during March, 1957, and a total of 512 feet of drilling was performed during the month. The hole has now been completed at a total length of 600.7 feet. The bearing of the hole differs by approximately 3° from the bearing of S 40° E stipulated in Amendment No. 2, to the contract. The variation is slight, therefore the drilling is acceptable to the Government.

Remarks

Date of Report——————————April 1, 1957
Date Received in Field Office——————April 2, 1957
Date Received in Region Office——————April 18, 1957
Reason for delay: Held at Denver Experiment Station pending receipt of lithologic logs from Operator.

Enclosures
JDC:hh
cc: Chmn. Op. Comm. (2)
Shaw (2)
Harshman W/copy of Engr's report
MF-104 File E909, Reg. III
Chron.

Original signed by
E. N. HARSHMAN
E. N. Harshman

MF 104 a
Mar. 1957

DMEA
DEPARTMENT OF THE INTERIOR
APR 18 1957
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
April 18, 1957

Memorandum

EXTRA COPY
DMEA
RECEIVED APR 22

DATE	INITIALS	CODE

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: D. E. Redmon
W. J. Tesch, Jr.

Subject: DMEA 3907 (Tungsten) Idm-5909
Reynolds Tungsten Corporation (Prospect Tunnel)
Boulder County, Colorado -- Progress report for March 1957

The Prospect Tunnel was examined on April 15, 1957, by R. U. King, U. S. Geological Survey, D. E. Redmon and W. J. Tesch, Jr., Bureau of Mines. The crosscutting phase of Stage I was completed in February 1957. During March, a total of 512 feet of AX size core drilling was completed in a S. 36° 51.' E. direction from the end of the Stage I crosscut, and one chemical assay was made for tungsten.

The core drill hole penetrated gneissic granite, granite, and some pegmatite. No significant tungsten mineralization was disclosed in the core. Lead stringers were encountered at various distances up to 134 feet, and again at 346 feet. Gold and silver mineralization was encountered from 105 to 108 feet, and from 469.4 to 471 feet. Iron staining was present at various distances to the end of the drill hole.

The allowable costs for March as claimed by the operator are as follows:

Core drilling	Footage	Unit Cost	Total
	512	$5.54	$2,836.48
Chemical assays	Number	Unite Cost	Total
	1	5.00	5.00
			$2,841.48

The narrative reports, maps, and diamond drill hole logs filed by the operator are considered adequate and it is recommended that March costs amounting to $2,841.48 be allowed. Government participation at 75 percent would be $2,131.11.

Assay results have been received for the samples taken by the examiners during the February examination. The locations from which the samples were taken are indicated on a map submitted with the February examination report. Following are the assay results:

Sample No.	WO_3 (Percent)	Pb (Percent)	Au (Oz./Ton)	Ag (Oz./Ton)
DER #12	< 0.01	0.04	Tr.	1.1
DER #13	< 0.01	0.02	Tr.	0.3
DER #14	< 0.01	1.45	Tr.	0.3
DER #15	< 0.01	1.10	Tr.	2.3

D. E. Redmon
D. E. Redmon
Mining Engineer

W. J. Teach Jr.
W. J. Teach, Jr.
Mining Engineer

WJT/mr
cc: 6
Idm-2909
Chrom

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

Budget Bureau No. 42-R1036.5

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

Month of March, 1957 Docket No. DMEA 3307 Contract No. Idn-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $75,239.50 Government Participation: 75 % Amount, $56,467.13

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	2,836.48		2,836.48			
Bulldozing						
Crosscutting		26,062.35	26,062.35			
Drifting						
(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	5.00		5.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,841.48	26,062.35	28,903.83	2,841.48	26,062.35	28,903.83

RECEIVED APR 29 1957 D.M.E.A.

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

Date April 1, 1957 *Payee Reynolds Tungsten Corporation

Per G. C. Ridland Title Vice President

*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:

$ 2131.11

Signature
(Authorized Certifying Officer)

Date 4/22/57 Vou. No. DMA 57-115

(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-909 in accordance with the terms of the contract.

Signature R. E. Redmond #2131.11 Title Min. Engr. Date Apr. 18, '57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature E. M. Hinshman Title acting Executive Officer Date APR 19 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104[illegible]
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1957 Docket No. DMEA [illegible] Contract No. Idx-2 [illegible]
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1016 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting				2,[illegible]2.35	[illegible]70.0	22.65	[illegible]10	22.65
Raising								
Shafts								
Winzes								
Drilling: Core	Feet	2,[illegible]	512.0	2,[illegible]	512.0	5.5[illegible]	1200	5.55
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Assaying	1	5.00	1	5.00	1	5.00	10	5.00
TOTAL DISTRIBUTED COSTS		2,[illegible]		2,[illegible]				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,[illegible]		2,[illegible]				

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 1, 1957 Operator Reynolds Tungsten Corporation

Per [illegible] Title Vice President

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)

RECEIVED APR 29 1957 D.M.E.A.

INSTRUCTIONS

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

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

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

GPO 872894

[illegible] TURNER CORPORATION
1034 First National Bank Building
Denver 2, Colorado

EXTRA COPY
DMEA
RECEIVED
DATE

Hole No. P-7

[illegible] MINE

Drill log

Hole No. P-7
Location:
Latitude 4,601.4
Departure 2,772.4

Collar:
Elevation [illegible]
Dip [illegible]
Bearing [illegible]

0 - 164.0 Silicified and hydrothermal, medium-grained, light-gray granite with minor stringers of gray metallic minerals.
Between 38 and 48, no mineralization
Between 60 and 61, 80 and 84.5, 92.0 and 92.5, considerable galena
Between 93 and 102.5, 1.5' lost
Between 98 and 98.5', some alteration
Between 102.5 and 106, 1.5' lost
Between 106 and 114, 5.0' lost
Sample No. 57; sludge from 106 to 110; 10'; Wg, Mil; Pb 1.44%
Sample No. 40, core from 105 to 108; 3'; Au 0.53; Ag 0.72; Pb, Mil
Between 119 and 126, no visible mineralization
At 134, a heavy vuggy stringer of galena
Between 139 and 144, considerable hematite stringers
Between 135 and 143, no visible galena
Between 144 and 152, 1.0' lost

164.0 - 172.0 Altered, coarser-grained gray biotite granite;
Between 164 and 168.5, 2.5' lost

172.0 - 211.0 Gneissic, gray, coarse-grained biotite granite with some chlorite mixed with hematite and pegmatite at 178;

211.0 - 215.5 Coarse-grained biotite granite mixed with pegmatite;

215.5 - 261.0 Coarse-grained gneissic biotite granite, chloritic between 213 and 215.5 and between 221 and 222.5;
Between 224.5 and 226, some alteration
Between 231.4 and 236, 1.5' lost
Between 245.5 and 247.5, galena stringer 1/2 inch wide
Between 248 and 252, some alteration
Between 253 and 261, 5' lost

261.0 - 295.0 Medium to fine-grained granite
Most crushed between 279 and 280.5, 284.0 and 286, 289.7 and 291.2, and 293 and 295.5;
Sample No. 61, sludge from 288 to 290, Wg; Mil.

[illegible] TUNGSTEN CORPORATION
1004 First National Bank Building
Denver 2, Colorado

Hole No. P-7

[illegible]

Drill Log

Hole No.	P-7	Collar:	
Location:		Elevation	8334.4
Latitude	4,682.6	Dip	[illegible]
Departure	2,792.6	Bearing	234 S.E

295.0 - 352.8	Slightly foliated, coarse-grained biotite granite. Between 295 and 300, 5' lost Between 300 and 304, 5' lost Between 306 and 311, 4.7' lost Between 321 and 324, 3' lost Between 328 and 331, 3' lost Between 332 and 333, 2' lost Between 335 and 341, some pegmatite and some alteration; 1 1/2" vuggy quartz stringer at 337.2. Between 341 and 344 altered granite with specks of pyrite.
352.8 - 354.0	Pegmatite with hematite specks.
354.0 - 356.8	Altered, coarse, biotite granite.
356.8 - 367.0	Pegmatite with abundant quartz and some hematite stringers and specks. Between 353.3 and 356, 0.7' lost Between 356 and 364, 2.0' lost
367.0 - 376.0	Slightly altered, coarse, biotite granite Between 364 and 376, 4' lost
376.0 - 386.0	Medium to coarse-grained, gneissic granite.
386.0 - 387.0	Pegmatite with scattered pyrite specks.
387.0 - 401.0	Altered, coarse, highly gneissic, crumbly biotite granite. Between 389 and 394, 2.7' lost
401.0 - 416.5	Gneissic to schistose, coarse-grained biotite granite. Between 401 and 411, 5' lost Between 412 and 413, slightly altered and some silicification Between 414 and 416, 2.5' lost
416.5 - 426.0	Light colored, fine-grained, aplitic material with rusty brown and black mineralization between 420 and 422. Between 420 and 426, 4' lost Sample No. 42, Sludge from 420' to 426, WO3 Nil

[illegible] TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

Hole No. P-7

DRILL LOG

Drill log

Hole No.	P-7	Collar:	
Location:		Elevation	5234.1
Latitude	4,601.6	Dip	0°00'
Departure	3,771.6	Bearing	336 Az

486.0 - 532.0	Coarse-grained, greenish gray, homogeneous biotite granite, veined with chlorite or serpentine heavily to 470'. Slightly gneissic in places. Between 469.1 and 471.0, granite is pink-colored and fractured and mineralized with a black, crystalline mineral and a gray metallic mineral. Sample No. 63, core between 469.1 and 471.0, 1.6', [illegible] 4.0.9%, Mo, Nil; [illegible] 470-475, pegmatite, almost solid, coarse, flesh-colored feldspar. Between 531 and 540, 9' lost
532.0 - 548.0	Light-brown, medium to fine-grained, altered granite or aplite fractured and fractures coated with yellow and dark-brown powder. Between 535 and 537, band of fine-grained, gray, biotite schist. Sample No. 64, sludge between 530 and 540, 10', WO3 Nil.
548.0 - 589.0	Greenish-gray, homogeneous to slightly gneissic, medium-grained biotite granite. At 560, schistose. Between 560 and 568, 13' lost
589.0 - 596.0	Altered, fractured, crumbly granite veined and stained with rusty brown to black minerals. Sample No. 65, sludge 590-594, WO3 Nil. Sample No. 66, sludge 594-600, WO3 Nil.
596.0 - 607.7	Gray, unaltered, foliated, medium-grained biotite granite.
607.7	Bottom of hole.

CERTIFICATE OF ASSAY

HILL & JUDE

. . . . . Assayers and Engineers

800 Pearl Street | HIllcrest 2-1629 | Boulder, Colorado

March 25, 1957

DETERMINATIONS MADE FOR: Reynolds Tungsten Corporation

DESCRIPTION	OUNCES PER TON		VALUE PER TON		LEAD	WO_3	
	GOLD	SILVER	GOLD @	SILVER @	PER CENT	PER CENT	PER CENT
Sample No. 57					1.44%	Nil	

CHARGES:

HILL & JUDE

MINERAL TERRITORY CORPORATION
1200 First National Bank Building
Denver 2, Colorado

April 14, 1957

Mr. H. M. Harshbarg, Acting Executive Officer
Defense Materials Exploration Administration
Field Team, Region III
Old Mint Curiosities
Denver 2, Colorado

Re: Project No. [illegible] 1957 (Uranium)
[illegible] Mar. [illegible] 1957

Dear Sir:

MONTHLY REPORT

Enclosed please find five copies of the complete log of Diamond Drill Hole D-7 to complete our April report for March.

Please note that none of this hole was drilled and samples taken in April. Expense attending to these items will be reported at the end of April.

Yours very truly,

MINERAL TERRITORY CORPORATION

H. S. Rickard

HSR:jd

Enc.

cc: Mr. E. J. Lechner, President
Eureka Tungsten Corporation
New York, New York

EXTRA COPY
OMEA
RECEIVED
DATE
INI
CODE

[illegible]

[illegible]

[illegible]

Re: [illegible]

Dear Sir:

[illegible]

[illegible]

[illegible]

[illegible]

Yours respectfully,

[illegible]

[signature]

[illegible]

[illegible]

cc: [illegible]

EXTRA COPY
D M E A
RECEIVED
DATE
CODE

EXTRA COPY
DMEA
RECEIVED MAR 21 1957

DATE	INITIALS	CODE
3/22/57	[illegible]	110
3/22	WSaf	400

FINAL DISTRIBUTION MADE MAR 19 1957

224 New Customhouse
Denver 2, Colorado

March 15, 1957

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3807, (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect tunnel) Boulder County, Colorado - Operator's Monthly Progress Report, for the month of February, 1957

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

We consider that the Operator has complied with the intent of the contract and the work for which payment is recommended is acceptable to the Government. 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.

In accordance with a work approval dated February 12, 1957, a total of 69 feet of crosscutting has been transferred from Stage II to Stage I, in order to permit completion of the Stage I crosscut to a point 50 feet in the hanging wall of the Hurricane Hill breccia reef.

Remarks

Date of Report——————————March 6, 1957
Date Received in Field Office——————March 8, 1957
Date Received in Region Office——————March 14, 1957

Original signed by
E. N. HARSHMAN
E. N. Harshman

Enclosures
JDC:hh
cc: Chmn. Op. Comm. (2)
Shaw (2)
Harshman w/copy of engr's report
MF-104 File E909
Chron.

Mid 104 Feb. 1957

DMEA
DEPARTMENT OF THE INTERIOR
MAR 14 1957
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
March 13, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

EXTRA COPY
DMEA
MAR 21 1957

DATE	INITIALS	CODE

From: W. J. Tasch, Jr.
D. E. Redman

Subject: DMEA 3007 (Tungsten) Idm-2909
Reynolds Tungsten Corporation (Prospect Tunnel)
Boulder County, Colorado -- Progress report for February 1957

The Prospect Tunnel was examined on March 11, 1957 by D. E. Redman and W. J. Tasch, Jr., Bureau of Mines. The breast of the crosscut was 871 feet from the turn-off from the main Prospect Tunnel. A diamond drill station was made at the end of the crosscut by a 5-foot round deflected in a S. 30° E. direction and two slab rounds in a N. 30° W. direction. The total advance for the month was 103 feet, including the 8 feet allowed for the drill station.

The rock varies from a fresh to altered, white to gray granite which is highly fractured. A number of seams and small pockets of sulphide minerals, primarily galena with some chalcopyrite, occur sporadically in the last 40 feet of the crosscut. About 50 percent of the granite in this interval contains small disseminated particles of these sulphides. What is thought to be the hanging wall of the Hurricane Hill breccia reef is 53 feet back from the face of the crosscut. The 3-foot-wide hanging-wall fault zone strikes N. 40° W. and dips 75° NE. The breccia reef has a calculated width of 31 feet.

Four samples were taken at the locations shown on the enclosed DMEA map, and are being submitted for assay.

Stage I of the contract includes crosscutting 810 feet in a S. 72° E. direction from the face of the Prospect Tunnel, and two horizontal 600-foot core-drill holes to be drilled from the face of the crosscut.

The contract was amended February 12, 1957, allowing the transfer of sufficient footage from Stage II to Stage I to allow the crosscut to be extended 50 feet into the hanging wall of the Harrisons Hill breccia reef. As authorized under this amendment, 69 feet of crosscutting was done in addition to the 810 feet originally estimated.

The crosscutting portion of Stage I has been completed by a total of 879 feet of advance at $29.65 a foot. The total amount claimed is $26,062.35. Government participation at 75 percent would be $19,546.76. The diamond-core drilling portion of Stage I remains to be done. The amount of crosscutting and drifting allowed under Stage II has been reduced by 69 feet to 1,431 feet.

The narrative report and map filed by the operator are considered adequate and it is recommended that February costs amounting to $3,053.95 be allowed. Government participation at 75 percent would be $2,290.46.

W. J. Tesch Jr.
W. J. Tesch, Jr.
Mining Engineer

D. E. Redmon
D. E. Redmon
Mining Engineer

WJT/mr
Idm-2909
cc: 6
Chron

MF-104 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1957 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1016 First National Bank Building, Denver, Colorado
Contract Amount, $75,2[illegible] Government Participation: 72 % Amount, $5[illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	3,053.95	23,008.40	26,062.35			
Drifting						
(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	3,053.95	23,008.40	26,062.35	3,053.95	23,008.40	26,062.35

RECEIVED MAR 1957 D.M.E.A.

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

Date March 6, 1957 *Payee Reynolds Tungsten Corporation

Per G. C. Lisland Title Vice President

*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:

$3390.46

Signature [illegible]
(Authorized Certifying Officer)

Date 3/19/57 Vou. No. DMEA 57-101

(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 909 in accordance with the terms of the contract.

Signature D. E. Radmon 229046 JSHeff Title Min. Engr. Date 3-14-57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature E. M. Hanchman Title Acting Executive Officer Date MAR 15 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED MAR 1957 D.M.E.A.

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

Month of February 1957 Docket No. DMEA 3007 Contract No. Idm-8 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	3,053.95	103.0	2,0[illegible]2.35	679.0	29.65	[illegible]0	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3,053.95	103.0	2,0[illegible]2.35				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3,053.95		2,0[illegible]2.35				

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.

REMARKS:

Date March 6, 1957 Operator Reynolds Tungsten Corporation

Per G. C. Ridland Title Vice President

→ 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) W. E. Redmon

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1030 First National Bank Building
Denver 2, Colorado

March 6, 1957

EXTRA COPY DMEA RECEIVED MAR 27 1957		
DATE	INITIALS	CODE

[illegible]ver, Executive Officer
[illegible]rals Exploration Administration
Mr. [illegible] Region III
Da[illegible]enhouse
[illegible], Colorado

Re: Docket No. DMEA 1807 (Tungsten)
[illegible]

Dear Sir:

PROGRESS REPORT

Report for February, 1957

In February, the crosscut was extended on its regular S. 72 E. course, to a point 871 feet from the point of beginning. A five-foot round was then deflected in the S. 30 E. direction of one of the drill holes and two slab rounds, equivalent to 3 feet of drifting, were taken in the N. 30 W. direction for a total advance of 103 feet for the month. This completes the No. 1 project Stage I of the contract.

The rock encountered is an altered, gneissic granite. The granite is finely fractured with major orientation fractures spaced one to two feet apart. The intervening spaces are riddled with minor fractures. Both major and minor fractures are coated with gray sulphide minerals, and in places, with a cherty gray quartz. In fact, the granitic rock is finely peppered with disseminated gray sulphides. A little chalcopyrite also has been detected. The rock is medium grained, greyish white, foliated in numerous directions, and, in addition to the disseminated metallic mineralization, it is composed of clear gray quartz, altered white feldspar, and earthy red and green alteration spots where some ferric mineral probably existed.

Yours respectfully,

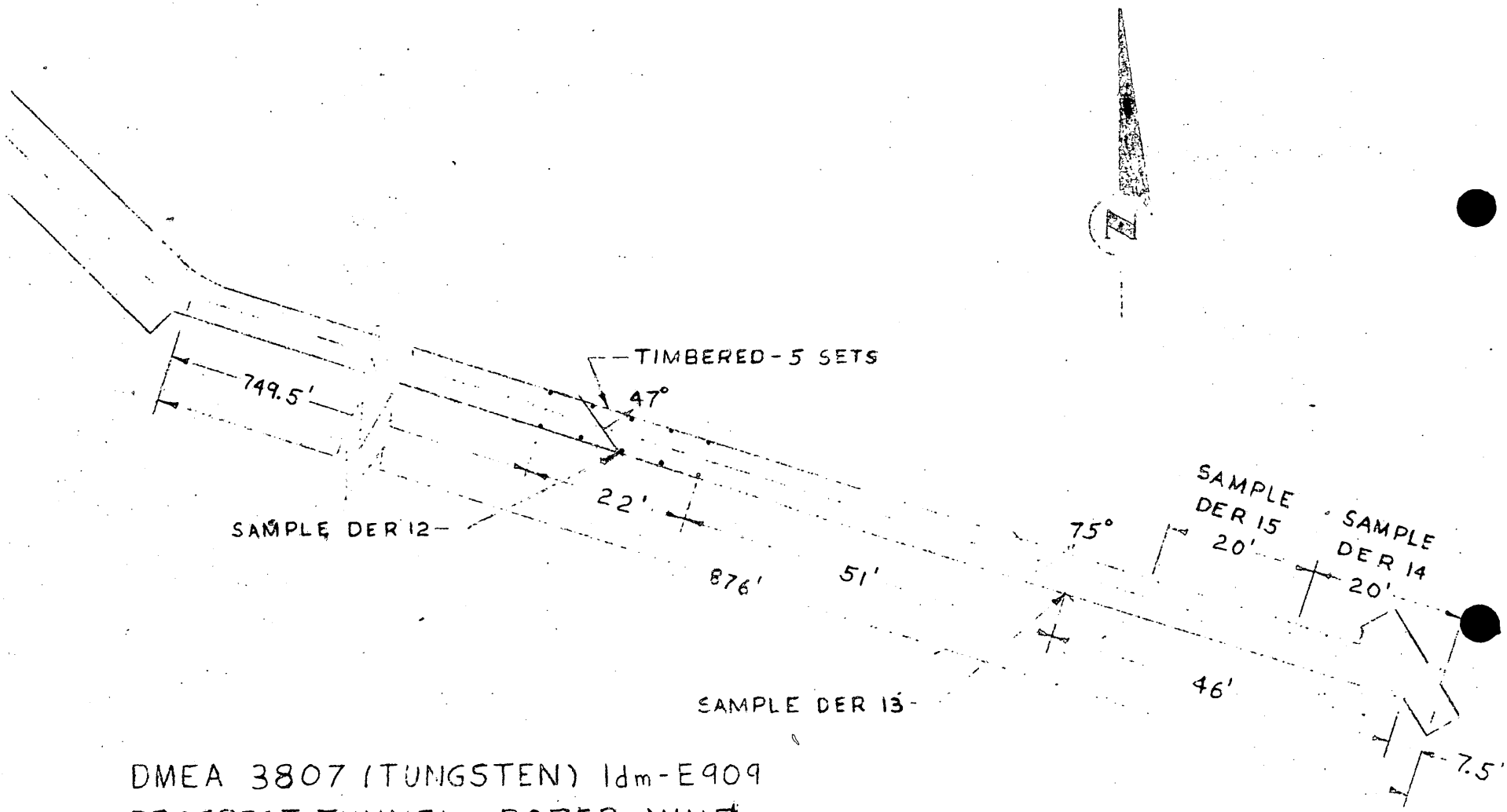
REYNOLDS TUNGSTEN CORPORATION

G. C. Rickard

G. C. RICKARD

GCR:jd

cc: Mr. D. J. Lockhurst, President
Reynolds Tungsten Corporation
New York, New York

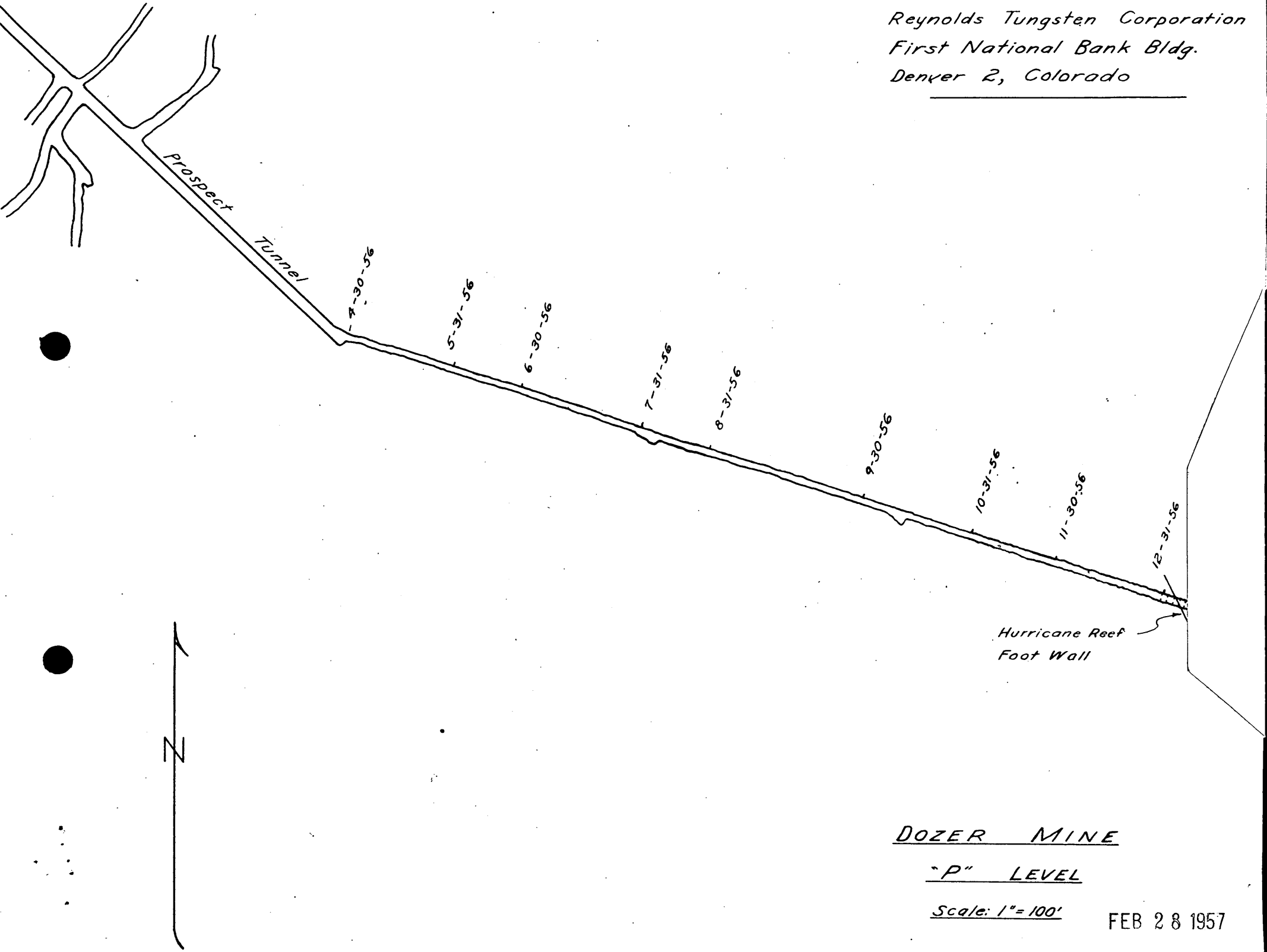


DMEA 3807 (TUNGSTEN) ldm-E909
PROSPECT TUNNEL - DOZER MINE
BOULDER COUNTY, COLO.
SCALE: 1"=20'
MARCH, 1957

EXTRA COPY
D M E A
RECEIVED MAR 27 1957

DATE	INITIALS	CODE

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado



DOZER MINE

"P" LEVEL

Scale: 1" = 100'

FEB 28 1957

EXTRA COPY
D M E A
RECEIVED MAR 21 1957

DATE	INITIALS	CODE

224 New Customhouse
Denver 2, Colorado

February 12, 1957

FINAL DISTRIBUTION
MADE FEB 14 1957

Memorandum

EXTRA COPY, DMEA RECEIVED FEB 18		
DATE	INITIALS	CODE
2/18/57	[illegible]	110
2/19	WSM	400

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region [illegible]

Subject: DMEA Docket 3207, (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado - Operator's Monthly Progress Report, for the month of January, 1957

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

We consider that the Operator has complied with the intent of the contract and the work for which payment is recommended is acceptable to the Government. 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 1, 1957
Date Received in Field: Office ------ February 4, 1957
Date Received in Region Office ------ February 8, 1957

Original signed by
W. M. TRAVER

W. M. Traver

Enclosures
JDC:hh
cc: Chmn. Op. Comm(2)
Shaw (2)
Harshman w/copy of engr's report
MF-104 File E909
Chron.

MF-104 Feb. 1957

EXTRA COPY
D M E A
RECEIVED FEB 18 1957

DATE	INITIALS	CODE
2/19	WSAY	400

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
February 7, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: Carl Belser

Subject: DMEA 3607 (Tungsten) Contract Ida-2909,
Reynolds Tungsten Corporation (Prospect tunnel)
Boulder County, Colorado -- Progress report
for January 1957

The Prospect tunnel was visited on February 6, 1957 at which time the breast was in 787 feet from the main crosscut, or 11 feet past the breast claimed for January 31, 1957.

It is uncertain if the true hanging wall of the Hurricane Hill breccia reef has been reached.

The cost of crosscutting 30 feet at $29.65 a foot is $889.50. Payment of 75 percent of the above amount or $667.13 is recommended.

Carl Belser
Mining Engineer

CB/mr
cc: 6
Ida-2909
Chron

DMEA
DEPARTMENT OF THE INTERIOR
FEB 8 1957
REGION III
DENVER, COLORADO

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 1957 Docket No. DMEA 3307 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $ 75,2[illegible]7.50 Government Participation: 75 % Amount, $ 56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	889.50	22,118.90	23,008.40			
Drifting						
(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	889.50	22,118.90	23,008.40	889.50	22,118.90	23,008.40

RECEIVED FEB 18 1957 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date February 1, 1957 Payee Reynolds Tungsten Corporation
Per [signature] Title Vice President

*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:
$ 667.13
Signature [signature] (Authorized Certifying Officer)
Date 2/13/57 Vou. No. DMA 57-89
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E964 in accordance with the terms of the contract.

Signature Carl Behrsin (667.(3)) Title Mining Engineer Date 2/7/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Jones Title Executive Officer Date FEB 11 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED FEB 18 1957 D.M.E.A.

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

Month of January 1957 Docket No. DMEA 3807 Contract No. 1[illegible]-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting								
Crosscutting	Feet	889.50	30.0	23,008.40	776.0	29.65	810	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		889.50	30.0	23,008.40				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		889.50		23,008.40				

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 February 1, 1957 Operator Reynolds Tungsten Corporation

Per [signature] Title Vice President

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)

Remarks:

(For Government use only) Carl Belan

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

February 1, 1957

EXTRA COPY
D M E A
RECEIVED FEB 18 1957

DATE	INITIALS	CODE

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 Post Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3007 (Tungsten)
Contract No. Ida-E 909

Dear Sir:

DOZEN MINE

Report for January, 1957

Progress with the crosscut tunnel was delayed in January. The footwall of the Hurricane Breccia Reef was encountered and the entire advance of 30 feet was through heavy, soft, highly altered and brecciated material. Twenty-five feet of it was timbered. Five square sets were lagged on the sides as well as the back.

The footwall of the reef strikes S. 26 E. and dips 40° N.E. The first three to five feet contains a series of slip planes, three of which are prominent and located in and near the footwall. A band of dark-gray to black quartz, two to six inches wide, parallels the slip planes about three feet from the footwall. It fills breccia fragments in places, as does ferberite, giving the band the appearance of ferberite ore. Qualitative chemical tests, however, reveal no tungsten present.

About five feet above the footwall a silicified streak six inches wide parallels the footwall. Galena is disseminated in the quartz and a yellow stain (slightly radioactive) coats the quartz fractures. Specks of gray metallic minerals occur throughout the zone.

The true width of the Hurricane Reef appears to be about 15 feet, although the rock is altered and fractured above this horizon.

In the breast of the tunnel is a vein of quartz three feet wide striking in the same direction as the tunnel, S. 72 E., and dipping 60° N.E. It contains disseminated specks and globs of galena.

Yours respectfully,

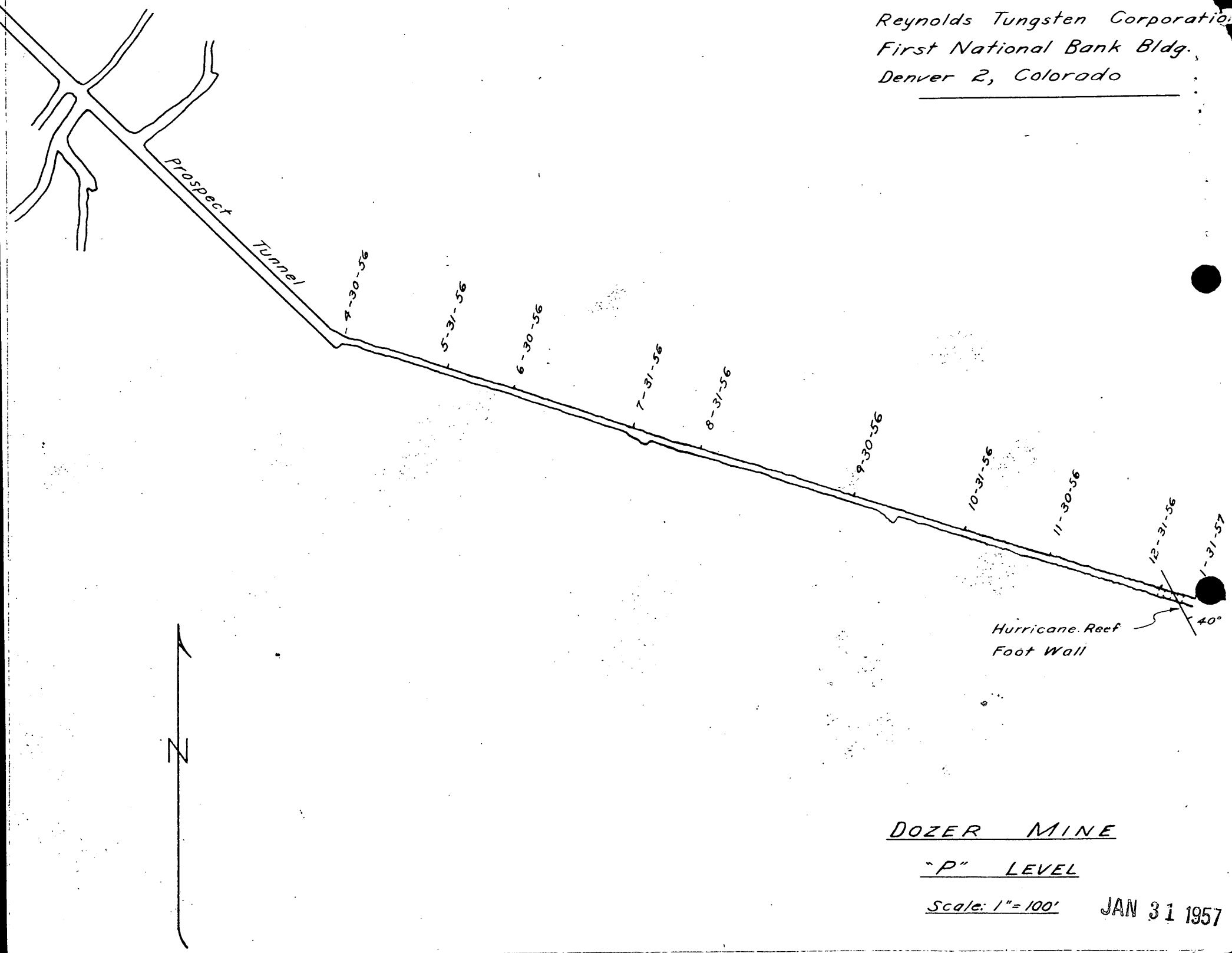
REYNOLDS TUNGSTEN CORPORATION

G. C. Rickland

G. C. Rickland

GCR:jd

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado



DOZER MINE

"P" LEVEL

Scale: 1" = 100'

JAN 31 1957

RECEIVED
FEB 18 1957
D.M.E.A.

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

RECEIVED JAN 24 1957 D.M.E.A.

20th New Customhouse
Denver 2, Colorado

January 15, 1957

FINAL DISTRIBUTION
MADE JAN 21 1957

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3807 (Tungsten) Contract Idm-2909, Reynolds Tungsten Corporation (Prospect tunnel) Boulder County, Colorado - Operator's Monthly Progress Report for the month of December 1956

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

We consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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 2, 1957
Date Received in Field Office ---- January 3, 1957
Date Received in Region Office --- January 10, 1957

Original signed by
W. M. TRAVER

W. M. Traver

Enclosures
JDC:jy
cc: Chm.Op.Comm. (2)
Shaw (2)
Barnhart w/copy engr's. report
MF-104 File 2909
Chron.

MF-104 D
Dec. 1956

DMEA
DEPARTMENT OF THE INTERIOR

JAN 10 1957
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
January 9, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shea
Supervising Mining Engineer

From: Carl Belser

Subject: DMEA 3807 (Tungsten) Contract Ida-2909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado -- Progress report for December 1956

The Prospect Tunnel was visited on January 8, 1957 at which time the breast was in 773 feet from the main crosscut, or 27 feet past the breast claimed for December 31, 1956. Two small almost barren veins were cut at 688 and 710 feet respectively. The Hurricane Hill dike footwall was cut at 754 feet. The strike is N 25° W and the dip 47° NE.

The country rock is granite, with some pegmatite and a little hematite.

The cost of crosscutting 100 feet at $29.65 a foot is $2,965.00. Payment of 75 percent of the above amount or $2,223.75 is recommended.

Carl Belser
Mining Engineer

CB/mr
cc: 6
Ida-2909
Chron

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

Budget Bureau No. 42-R1036.5

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

Month of December, 1956 Docket No. DMEA 307 Contract No. [illegible]
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1031 First National Bank Building, Denver, Colorado
Contract Amount, $75,2[illegible]2.50 Government Participation: 75 % Amount, $56,4[illegible]7.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form } Contracts:						
Drilling						
Bulldozing						
Crosscutting	2,965.00	19,153.90	22,118.90			
Drifting						
(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	2,965.00	19,153.90	22,118.90	2,965.00	19,153.90	22,118.90

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Jan. 1, 1957 *Payee Reynolds Tungsten Corporation
Per [signature] Title Vice President

*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:
$2223.75

Signature [signature]
(Authorized Certifying Officer)
Date 1/16/57 Voucher No. DMA 57-77
(See other side)

RECEIVED JAN 24 1957 D.M.E.A.

(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. Fdn-E909 in accordance with the terms of the contract.

Signature Carl Belen (2,223.75) Title Mining Engineer Date 1/8/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Jones Title Executive Officer Date JAN 15 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED JAN 24 1957 D.M.E.A.

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

Month of December 1956 Docket No. DMEA 3307 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	2,965.00	100.0	22,11[illegible].00	746.0	29.65	[illegible]10	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,965.00	100.0	22,11[illegible].00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,965.00		22,11[illegible].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.

REMARKS:

Date January 2, 1957 Operator Reynolds Tungsten Corporation

Per G. C. Ladeau Title Vice President

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) Earl Belcher

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

January 1, 1957

RECEIVED JAN 1957 DMEA

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3807 (Tungsten)
Contract No. Idm-E 909

Dear Sir:

DOZSE MINE

Report for December, 1956

The crosscut was extended 100.0 feet in December in a medium to coarse-grained, pink, hard, fractured, granitic rock. The fractures contain thin veinlets of hematite.

A number of important-looking vein structures were encountered. They range from 1 to 4 feet in width, contain from 1/2 to 2 feet of gray charty quartz, and associated with the quartz are stringers and globs of earthy-red hematite, earthy black material (possibly a manganese mineral) black quartz, and hydrothermal alteration of the wall rock. Selected specimens of vein material were taken for assay tests for tungsten.

Geological mapping of the tunnel is in progress and a map showing the location of these structures in relation to the tunnel will be forthcoming with the January report.

Yours respectfully,

REYNOLDS TUNGSTEN CORPORATION

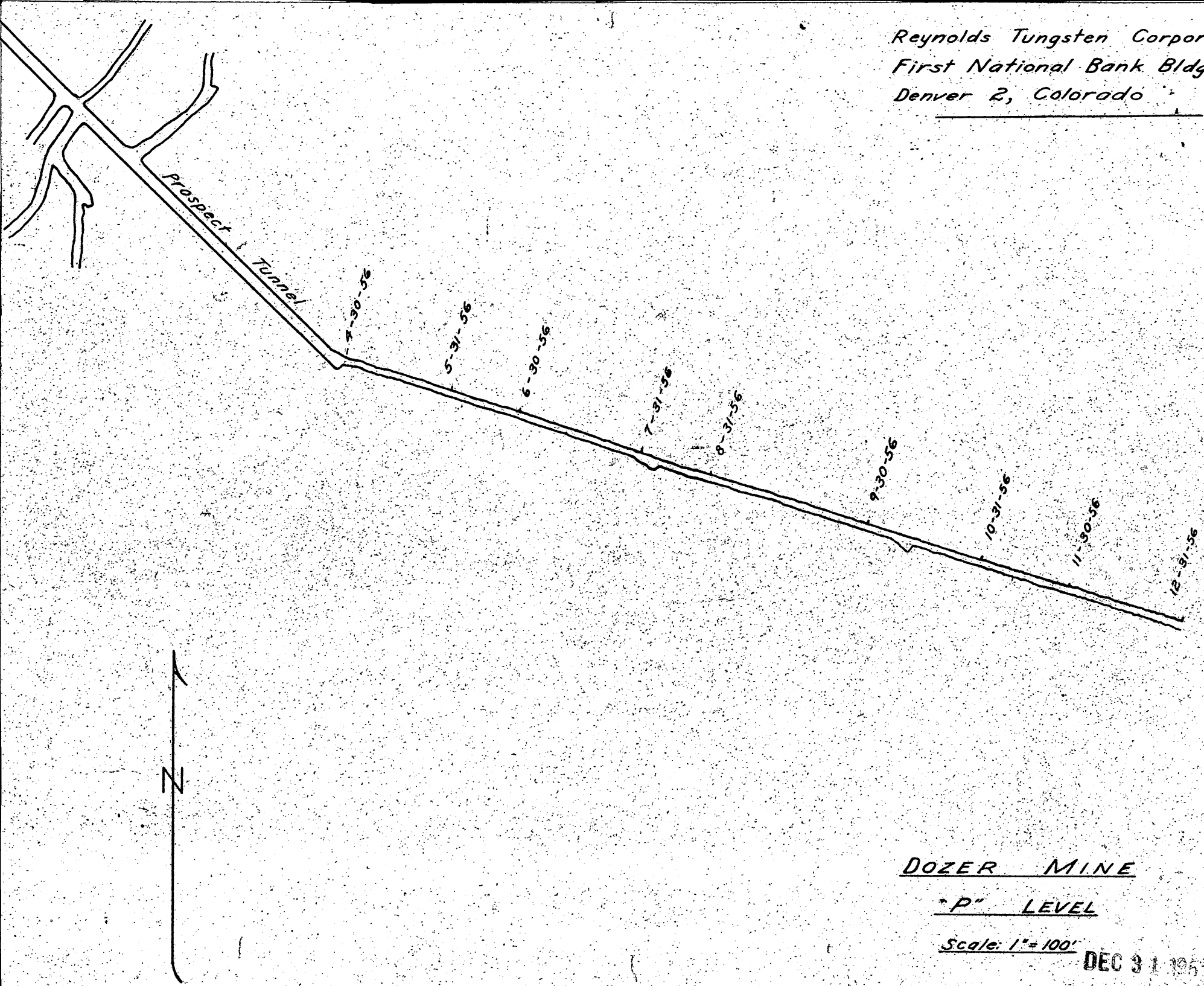
G. C. Ridland

G. C. Ridland

GCR:jd

cc: Mr. D. J. Luckhurst, President
Reynolds Tungsten Corporation
New York, New York

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado



DOZER MINE

"P" LEVEL

Scale: 1" = 100'

DEC 31 1955

RECEIVED
JAN 24 1957
D.M.E.A.

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

FINAL DISTRIBUTION
MADE DEC 20 1956

224 New Customhouse
Denver 2, Colorado

December 17, 1956

RECEIVED DEC 26 1956 D.M.E.A.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket No. 3807, (Tungsten), Contract No. Idm-E909, Reynolds Tungsten Corporation, (Prospect Tunnel), Boulder County, Colorado, Operator's Monthly Progress Report, for the month of November, 1956

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

We consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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 - - - - - - - - - - - - - - - - - December 1, 1956
Date Received in Field Office - - - - - - - - - December 5, 1956
Date Received in Region Office - - - - - - - - December 12, 1956

Original signed by
W. M. TRAVER

W. M. Traver

Enclosures
JDC:ewa
cc: Chm. Op. Comm. (2)
Shaw (2)
Harshman) w/copy of
Townsend) engr's report
MF-104 File E909
Chron.

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
December 12, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: Carl Belser

Subject: DMEA 3807 (Tungsten) Contract Idm-8909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado -- Progress report for November 1956

The Prospect Tunnel was visited on December 8, 1956, at which time the breast was in 675.7 feet from the main crosscut or 29.7 feet past the breast claimed for November 30, 1956. Two small barren veins were cut during the month at 646 feet and 673 feet. Both veins had strikes of about N 30° E and dips of 65° to 75° SE.

The country rock is granite, with some pegmatite and a little hematite.

The cost of crosscutting 76.0 feet at $29.65 a foot is $2,253.40. Payment of 75 percent of the above amount or $1,690.05 is recommended.

Carl Belser
Mining Engineer

CB/mr
Idm-8909
cc: 6
Chron

DMEA
DEPARTMENT OF THE INTERIOR
DEC 12 1956
REGION III
DENVER, COLORADO

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November 1956 Docket No. DMEA 3807 Contract No. Idm-S 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $ 75,2[illegible]9.50 Government Participation: 75 % Amount, $ 56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	2,253.40	16,900.50	19,153.90			
Drifting						
(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	2,253.40	16,900.50	19,153.90	2,253.40	16,900.50	19,153.90

RECEIVED DEC 26 1956 D.M.E.A.

I certify that the above bill is correct and just and that payment therefor has not been received.
Date December 1, 1956 Payee Reynolds Tungsten Corporation
Per G. C. Richards Title Vice President

*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:
$1690.05
Signature [illegible]
(Authorized Certifying Officer)
Date 12/18/56 Vou. No. 57-67
(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. Ldn-E 909 in accordance with the terms of the contract.

Signature Carl Behrens (1,690.05) Title Mining Engineer Date 12/16/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE

Signature W M Navey Title Executive Officer Date DEC 17 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1956 Docket No. DMEA 3807 Contract No. 10m-E 909

Operator's Name Reynolds Tungsten Corporation Minerals Tungsten

Address 1036 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	2,253.40	76.0	19,153.90	646.0	29.65	610	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,253.40	76.0	19,153.90				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,253.40		19,153.90				

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 December 1, 1956 Operator Reynolds Tungsten Corporation

Per [signature] Title Vice President

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

REMARKS:

(Instructions on reverse)

(For Government use only)

Burl Belcher

RECEIVED DEC 26 1956 D.M.E.A.

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

December 1, 1956

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3607 (Tungsten)
Contract No. Ida-R 909

Dear Sir:

DOKER MINE

Report for November, 1956

The tunnel was advanced 76.0 feet. A siding was slashed out and a switch installed.

Coarse-grained granite containing veins of pegmatite and stringers of specularite predominated as the country rock encountered.

Yours respectfully,

REYNOLDS TUNGSTEN CORPORATION

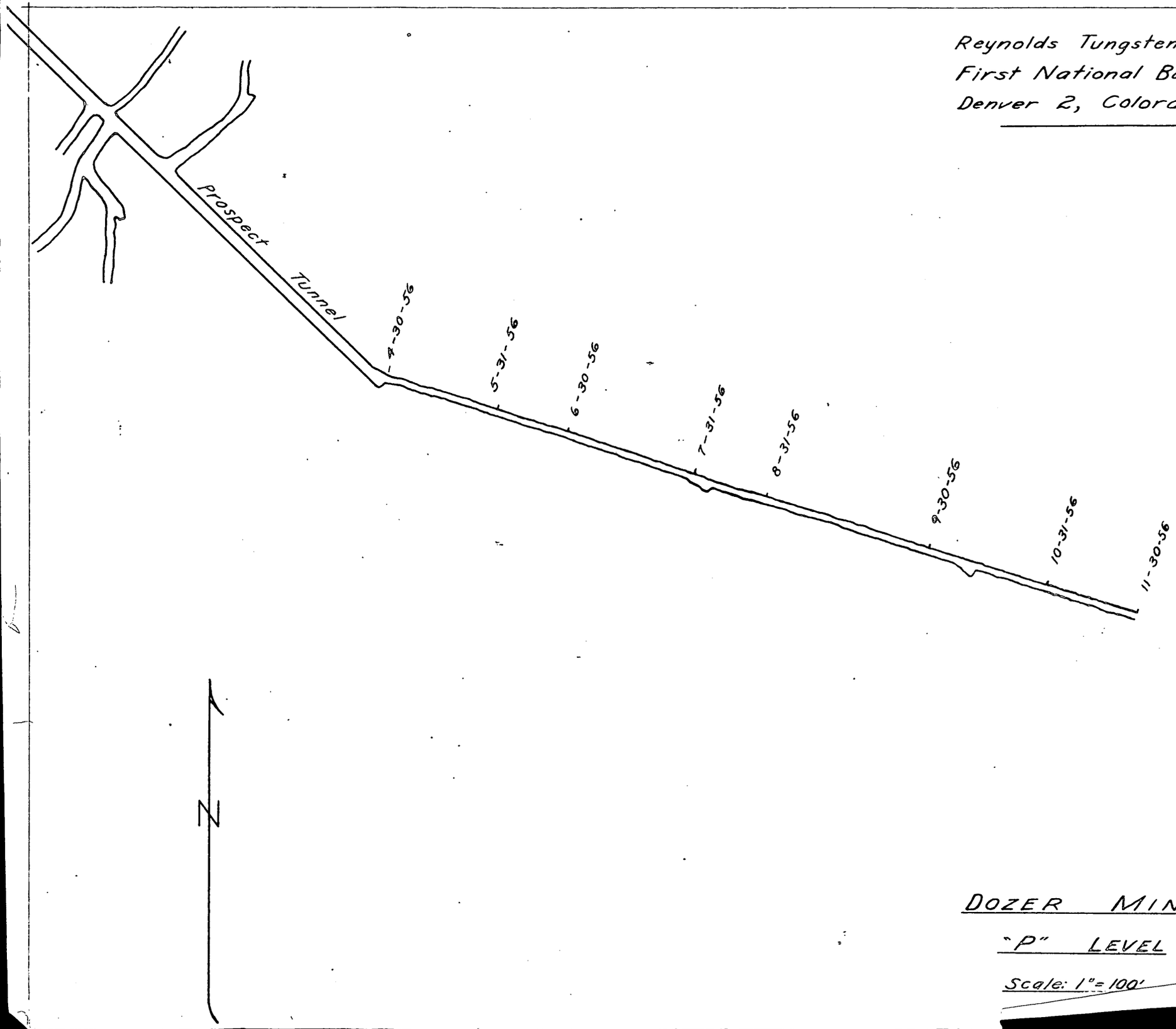
G. C. Ridland

G. C. Ridland

GCR:jd

cc: Mr. D. J. Luckhurst, President
Reynolds Tungsten Corporation
New York, New York

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado



DOZER MINE

"P" LEVEL

Scale: 1" = 100'

RECEIVED
DEC 26 1956
D.M.E.A.

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

224 New Customhouse
Denver 2, Colorado

November 16, 1956

FINAL DISTRIBUTION
MADE NOV 28 1956

RECEIVED NOV 30 1956 D.M.E.A.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado - Operator's Monthly Progress Report for the month of October, 1956

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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- - - - - - - - - - - - - November 1, 1956
Date Received in Field Office- - - - November 2, 1956
Date Received in Region Office - - - November 16, 1956

Original signed by
W. M. TRAVER

W. M. Traver

Enclosures
JDC:jy
cc: MF-104 File E909
Chm. Op. Comm. (2)
Shaw (2)
Harshman w/copy engr's report
Chron.

MF-104 Oct 1956

Building 20
Denver Federal Center
Denver 2, Colorado
November 14, 1956

dum

Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

RECEIVED
NOV 30 1956
D.M.E.A.

From: Carl Belser

Subject: DMEA 3807 (tungsten) Contract Idm-8909, Reynolds Tungsten Corp. (Prospect tunnel) Boulder County, Colorado
--Progress report for October 1956

The Prospect tunnel was visited on November 13, 1956, at which time the breast was in 589.2 feet from the main tunnel, or 19.2 feet past the breast claimed for October 31, 1956. Room for a switch had been slabbed from the southwest wall of the crosscut between 513 and 537 feet from the main crosscut. At 3 feet from the present breast a fault zone striking S. 10° E. and dipping NE. 48° was penetrated, which contains broken-up material with some hematite to the present face.

The cost of crosscutting 101 feet at $29.65 a foot is $2,994.65. Payment of 75 percent of the above amount or $2,245.99 is recommended.

Carl Belser

Carl Belser
Mining Engineer

CB:sh

cc: 6
Idm-8909
Chron

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1956 Docket No. DMEA 3807 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $75,289.50 Government Participation: 75 % Amount, $56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	2,994.65	13,905.85	16,900.50			
Drifting						
(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	2,994.65	13,905.85	16,900.50	2994.65	13,905.85	16,900.50

RECEIVED NOV 30 1956 D.M.E.A.

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

Date Nov. 1, 1956 *Payee Reynolds Tungsten Corporation

Per [signature] Title Vice President

*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:

$2245.99

Signature [signature]
(Authorized Certifying Officer)

Date 11/20/56 Voucher No. DMA 57-58

(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. Ida-E909 in accordance with the terms of the contract.

Signature Carl Behr (2) 245.99 Title Mining Engineer Date 11/13/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Lamey Title Executive Officer Date NOV 16 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED NOV 30 1956 D.M.E.A.

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

Month of October 1956 Docket No. DMEA 3807 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	2,994.65	101.0	16,900.50	570.0	29.65	810	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,994.65	101.0	16,900.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,994.65		16,900.50				

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.

REMARKS:

Date October 1, 1956 Operator Reynolds Tungsten Corporation

Per G. Kidland Title Vice President

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) Carl Behan

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

NOV 30 1956

November 1, 1956

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3807 (Tungsten)
Contract No. Idm-X 909

Dear Sir:

DOZER MINE

Report for October, 1956

The crosscut was driven 101.0 feet during October in country rock consisting of gneissic granite with inclusions of schist and dikes of pegmatite.

At 39 feet from the October 31st face, a fracture was encountered striking northwest and dipping 65 degrees southwest. At 18 feet from the face a fault was encountered striking N 10 E and dipping steeply west. The break contains a gauge seam 1 to 3 inches wide. The rock does not match on the two sides of the fault. On the west side, the granitic rock is hard, unaltered, and dark gray with a preponderance of biotite. On the east side the granitic rock is light-gray with very little femic mineral, and it is a slightly altered, softer rock. Water is seeping from both structures.

Yours respectfully,

REYNOLDS TUNGSTEN CORPORATION

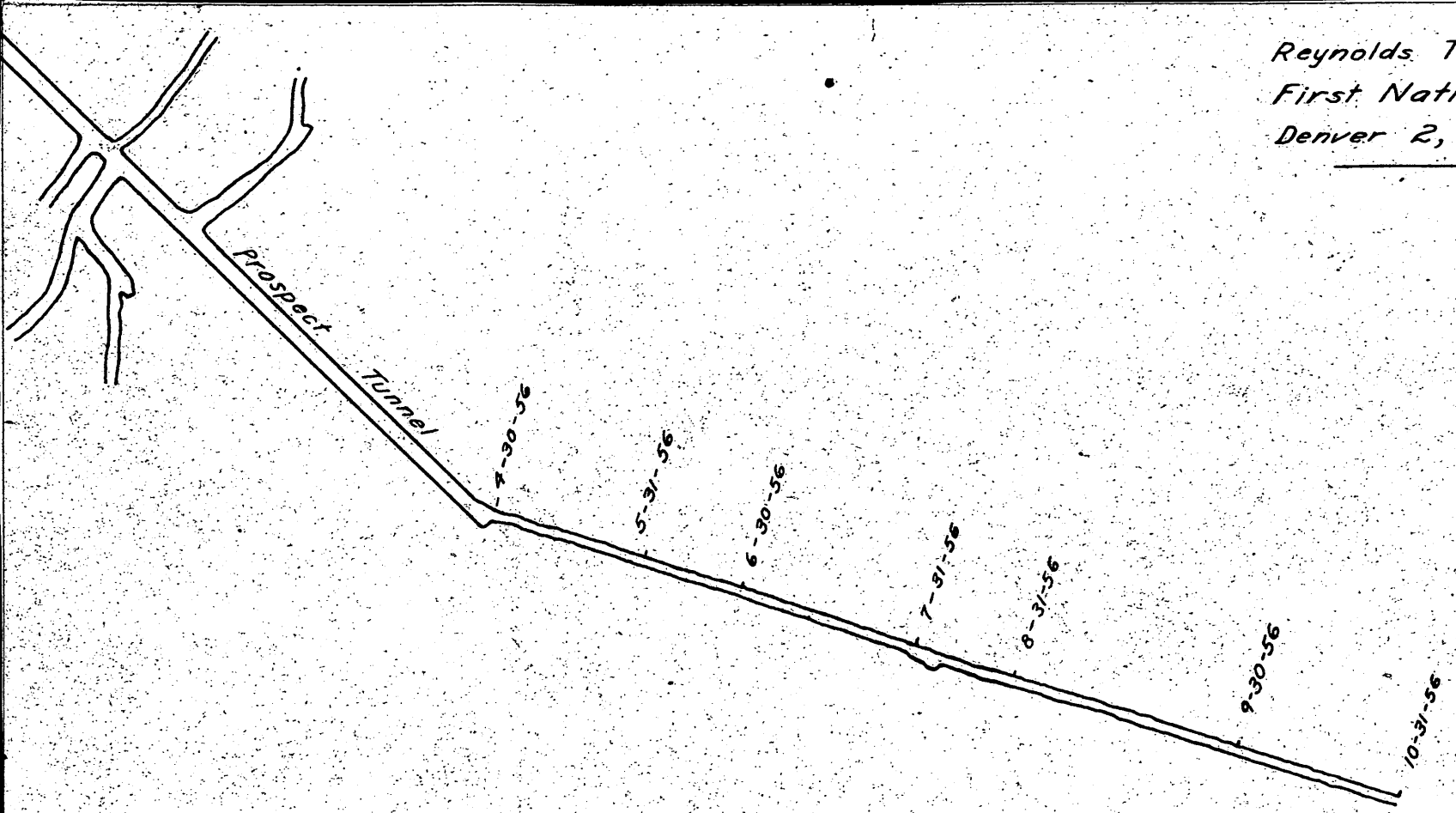
G. C. Ridland

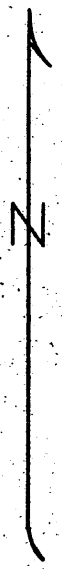
G. C. Ridland

GCR:jd

cc: Mr. D. J. Luckhurst, President
Reynolds Tungsten Corporation
New York, New York

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado





DOZER MINE

"P" LEVEL

Scale: 1" = 100'

OCT 31 1956

RECEIVED
NOV 30 1956
D.M.E.A.

406

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

RECEIVED
OCT 19 1956

224 New Customhouse
Denver 2, Colorado

October 9, 1956

FINAL DISTRIBUTION
MADE OCT 16 1956

Memorandum

WSM

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado - Operator's Monthly Progress Report for the month of September, 1956

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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- - - - - - - - - - - - - - - October 1, 1956
Date Received in Field Office- - - - - - October 2, 1956
Date Received in Region Office- - - - - October 8, 1956

E. N. Harshman

E. N. Harshman

Enclosures
JDC:jy
cc: MF-104 File E909
Sec. Op. Comm. (2)
Shaw (2)
Harshman w/copy engr's report
Chron.

MF-104's Sept 1956

RECEIVED

OCT 19 1956

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
Oct. 5, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer

From: Carl Belser

Subject: DMEA 3807 (Tungsten) Contract Idm-2909,
Reynolds Tungsten Corp. (Prospect Tunnel)
Boulder County, Colo. -- Progress report for September 1956

The Prospect Tunnel was visited on October 3, 1956, at which time the breast was in 492.7 feet from the main tunnel, or 23.7 feet past the breast claimed for September 30, 1956. At 488 feet from the main crosscut a 4-inch vein, carrying hematite, striking N 20° W, and dipping 75° NE, was cut. The breast is in dark granite.

The cost of crosscutting 140 feet at $29.65 a foot is $4,151.00. Payment of 75 percent of the above amount or $3,113.25 is recommended.

Carl Belser
Mining Engineer

CB/mr
cc: 6
Idm-2909
Chron

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

Budget Bureau No. 42-R1036.5

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

RECEIVED
OCT 19 1956

Month of September, 1956 Docket No. DMEA 3107 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $ 75,229.50 Government Participation: 75 % Amount, $ 56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	4,151.00	9,754.85	13,905.85			
Drifting						
(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	4,151.00	9,754.85	13,905.85	4,151.00	9,754.85	13,905.85

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

Date Oct. 1, 1956 *Payee Reynolds Tungsten Corporation

Per [signature] Title Vice President

*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:

$ 3113.25

Signature [signature]
(Authorized Certifying Officer)

Date 10/12/56 Vou. No. Emma 57-45

(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. Fdx-F109 in accordance with the terms of the contract.

Signature Earl Belus (3,113.25) JH Title Mining Engineer Date 10/4/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature E. M. Hanselman Title Acting Executive Officer Date OCT 9 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
OCT 19 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1956 Docket No. DMEA 3807 Contract No. Ida-S 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	4,151.00	140.0	13,905.85	469.0	29.65	810	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		4,151.00	140.0	13,905.85				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		4,151.00		13,905.85				

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

Date October 1, 1956 Operator Reynolds Tungsten Corp.

Per [signature] Title Vice President

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)

Carl Nelson

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

October 1, 1956

RECEIVED
OCT 19 195

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3807 (Tungsten)
Contract No. Idm-E 909

Dear Sir:

DOZER MINE

Report for September, 1956

The crosscut was extended 140.0 feet in September.

The country rock continued as schist and pegmatite for 100 feet. For the next 40 feet an aplite was encountered. The aplite contains hematite in scattered stringers and in disseminated specks.

Yours respectfully,

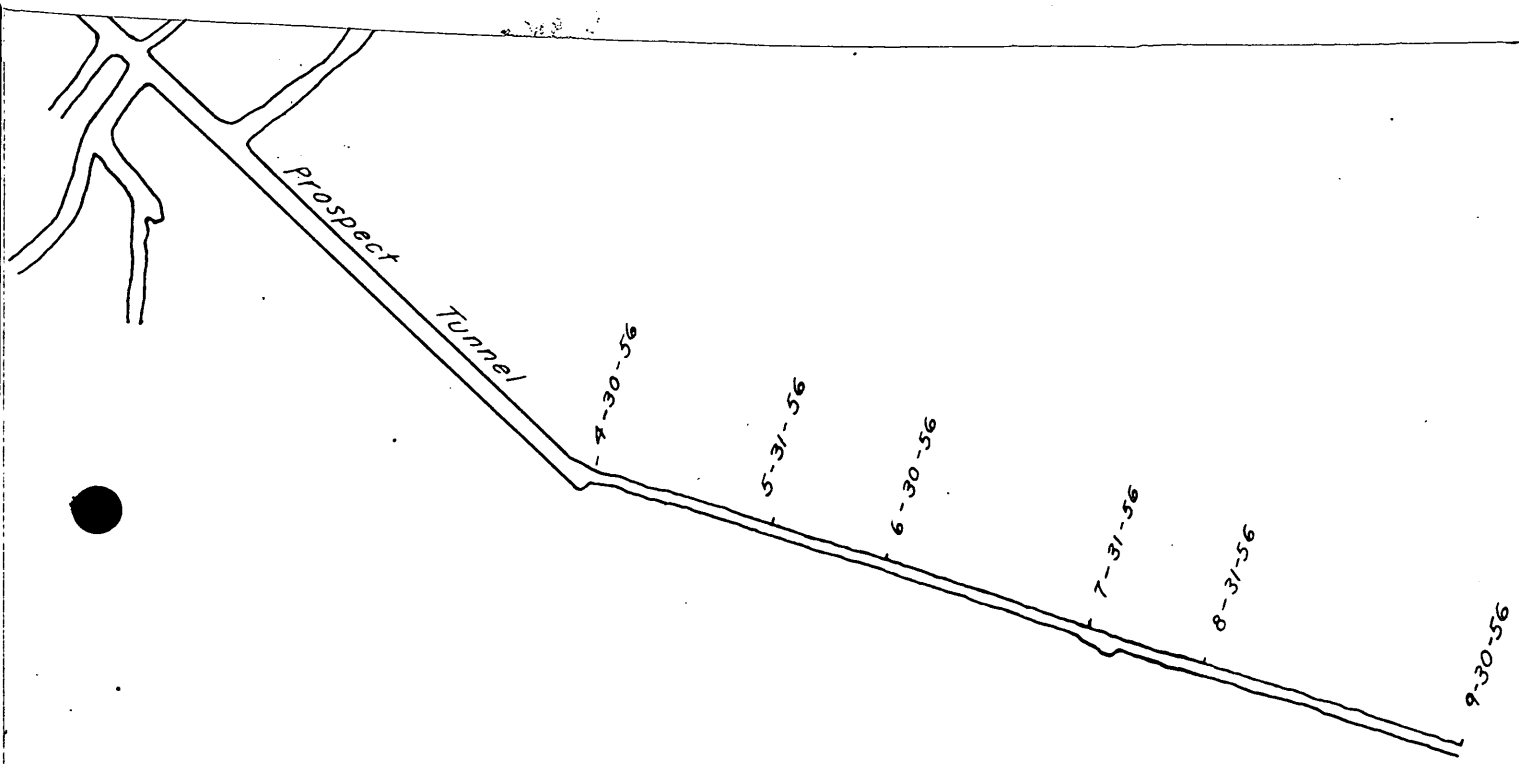
REYNOLDS TUNGSTEN CORPORATION

G. C. Ridland

G. C. Ridland

GCR:jd

cc; Mr. D. J. Luckhurst, President
Reynolds Tungsten Corporation
New York, New York



DOZER MINE

"P" LEVEL

Scale: 1" = 100'

SEP 30 1956

RECEIVED
OCT 19 1956

400

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

224 New Customhouse
Denver 2, Colorado

September 14, 1956

FINAL DISTRIBUTION
MADE SEP - 4 1956

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado - Operator's Monthly Progress Report for the month of August, 1956

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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 - - - - - - - - - - - - September 4, 1956
Date Received in Field Office- - - September 6, 1956
Date Received in Region Office- - September 13, 1956

W. M. TRAVER

RECEIVED
SEP 26 1956

W. M. Traver

Enclosures
JDC:jy
cc: MF-104 File E909
Sec. Op. Comm. (2)
Shaw (2)
Harshman w/copy engr's report
Chron.

MF-104 P
Aug. '56

REGION III

Building 90
Denver Federal Center
Denver 2, Colorado
September 13, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shur
Supervising Mining Engineer

From: Carl Balser

Subject: DMEA 3607 (Tungsten) Contract Idm-2909, Reynolds Tungsten Corp. (Prospect Tunnel) Boulder County, Colorado -- Progress report for August 1956

The prospect tunnel was visited on September 11, 1956, at which time the breast was in 377 feet from the main tunnel, or 47 feet past the breast claimed for September 1. At 347 feet from the main crosscut the southeast side of the new crosscut was slabbed to make room for a switch, and at 337 feet a tight 4-inch vein carrying galena strikes S 30° E and dips 50° SW. The breast is in dark granite and pegmatite.

The cost of crosscutting 65 feet, at $29.65 a foot is $1,927.25. Payment of 75 percent of the above amount or $1,445.44 is approved.

Carl Balser
Mining Engineer

CB/mr
cc: 6
Idm-2909
Chron

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 1956 Docket No. DMEA 3807 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $ 75,289.90 Government Participation: 75 % Amount, $ 56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	1,927.25	7,827.60	9,754.85			
Drifting						
(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	1,927.25	7,827.60	9,754.85	1,927.25	7,827.60	9,754.85

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

Date Sept. 4, 1956 *Payee Reynolds Tungsten Corporation

Per [signature] Title Vice President

*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.

RECEIVED SEP 26 1956

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:

$ 1445.44

Signature [signature] (Authorized Certifying Officer)

Date 9/18/56 Vou. No. DMA 57-33

(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. DMEA-909 in accordance with the terms of the contract.

Signature [illegible] ($1,445.44) Title Mining Engineer Date 9/12/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Ivey Title Executive Officer Date SEP 14 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1955 Docket No. DMEA 9 07 Contract No. Idm-E 109
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	1,927.25	65.0	9,75[illegible].5	329.0	[illegible].65	10	[illegible]
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,927.25	65.0	9,75[illegible].5				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,927.25		9,75[illegible].5				

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.

REMARKS:

Date September 6, 1956 Operator Reynolds Tungsten Corporation

Per [signature] Title Vice President

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) Earl Bebow

RECEIVED
SEP 26 1956

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

September 4, 1956

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3807 (Tungsten)
Contract No. 16h-3 909

Dear Sir:

DOKER MINE

Report for August, 1956

The tunnel was extended 65 feet during August. One crew quit early in the month, thus reverting the operation to a single shift. The regular advance was also delayed slightly by the slashing of one of the walls to make room for a switch.

The crew reported cutting a thin seam of ferberite at a point 30 feet back from the Aug. 31st face, but the writer was unable to locate the mineralization.

A tight 1 to 4-inch vein of calcite, galena, pyrite and chalcopyrite was exposed in the last round. It does not appear to be associated with any fractures or normal ferberite-bearing vein material.

The country rock encountered remained the same, that is dark gray schist and pink-colored pegmatite heterogeneously mixed.

Yours respectfully,

REYNOLDS TUNGSTEN CORPORATION

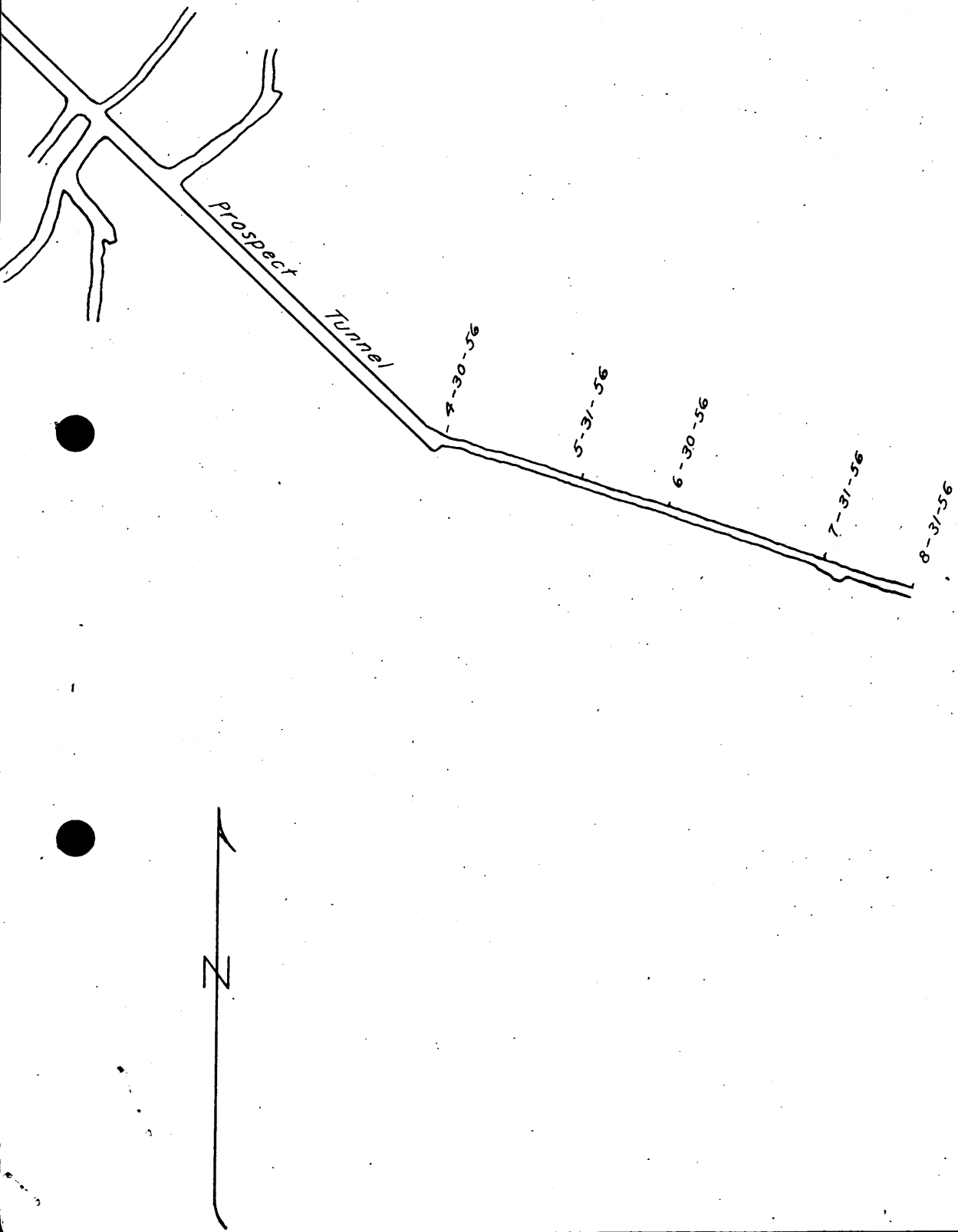
G. C. Ridland

G. C. Ridland

GCR:jd

cc: Mr. D. J. Lockhurst, President
Reynolds Tungsten Corporation
New York, New York

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado



DOZER MINE

"P" LEVEL

Scale: 1" = 100'

AUG 31 1956

RECEIVED
SEP 26 1956

400

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

224 New Customhouse
Denver 2, Colorado

FINAL DISTRIBUTION
AUG 29 1956
MADE

August 23, 1956

Memorandum

W3y

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado - Operator's Monthly Progress Report for the month of July, 1956

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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 - - - - - - - - - - - - - - - - - August 10, 1956
Date Received in Field Office - - - - - - - - - August 13, 1956
Date Received in Region Office- - - - - - - - August 21, 1956

W. M. TRAVER

W. M. Traver

Enclosures
JDC:jy
cc: MF-104 File E909
Sec. Op. Comm. (2)
Shaw (2)
Chron.

MF-104 July

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Building
Denver 2, Colorado

August 10, 1956

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3807 (Tungsten)
Contract No. I4m-E 909

Dear Sir:

DOZER MINE

Report for July, 1956

The tunnel was driven 108.0 feet during July.

The rock encountered was predominantly schist with an average strike of north-south and a 60 to 70 degree dip to the east for the schistosity. Pink-colored pegmatite sills are common in the schist.

Three fractures were exposed. The first, at 224 feet from the point of beginning, contained 2 to 5 inches of brownish-gray, vuggy vein quartz with a little hematite. The second, at 232 feet, contained up to six inches of gray vuggy vein quartz in a slightly altered zone. Some black material with the quartz suggested the presence of tungsten, but a qualitative chemical test failed to confirm its presence. The third, at 266, contained a one-inch creamy carbonate stringer in an altered zone about one foot wide.

The ventilation system was installed to the end of the old section of the tunnel, and near the end of the month, the work was put on a two-shift basis.

Yours respectfully,

REYNOLDS TUNGSTEN CORPORATION

G.C. Ridland

G.C. Ridland

GCR:jd

cc: Mr. D. J. Luckhurst, President
Reynolds Tungsten Corporation
New York, New York

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

Budget Bureau No. 42-R1036.5

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

Month of July 1956 Docket No. DMEA 3807 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $75,289.50 Government Participation: 75 % Amount, $56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	3,202.20	4,625.40	7,827.60			
Drifting						
(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	3,202.20	4,625.40	7,827.60	3,202.20	4,625.40	7,827.60

I certify that the above bill is correct and just and that payment therefor has not been received.
Date August 10, 1956 Payee Reynolds Tungsten Corporation
Per G. C. Ridland Title Vice President

*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:

$2401.65

Signature [illegible]
(Authorized Certifying Officer)

Date 8/27/56 Vou. No. 57-24

(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. Edw-5909 in accordance with the terms of the contract.

Signature [illegible] (P 2401, 65) for WRK Title Mining Engineer Date 8/17/56

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. [illegible] Title Executive Officer Date AUG 23 1956

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 872893

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
AUG 31 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1956 Docket No. DMEA 3007 Contract No. Idz-3 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	3,202.20	100.0	7,027.60	26.0	39.65	510	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		3,202.20	100.0	7,027.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3,202.20		7,027.60				

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 August 10, 1956 Operator Reynolds Tungsten Corporation

Per J. C. Kirkland Title Vice President

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) Carl Behr

INSTRUCTIONS

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

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

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

GPO 872894

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
August 30, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shaw
Supervising Mining Engineer
WORK for KTS

From: Carl Belzer

Subject: DMEA 3007 (Tungsten) Contract Idm-2909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado -- Progress report for July 1956

The Prospect tunnel was visited on August 7, 1956, at which time the breast was in 253 feet from the main tunnel. Three small veins or fractures were cut.

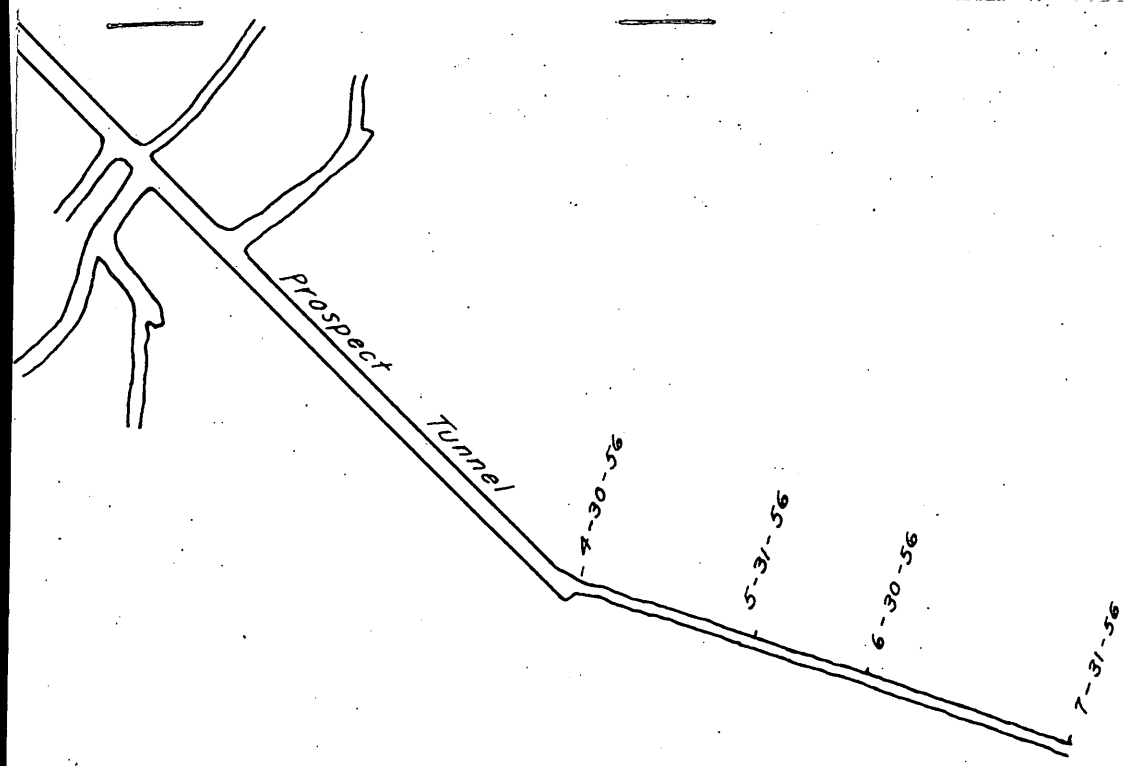
The cost of crosscutting 108 feet at $29.65 a foot is $3202.20. Payment of 75 percent of the above amount or $2401.65 is recommended.

Carl Belzer

Carl Belzer
Mining Engineer

CB/mw
cc: 6
Idm-2909
Chron

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado



DOZER MINE

"P" LEVEL

Scale: 1" = 100'

JUL 3 1 1956

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

RECEIVED
JUL 25 1956

224 New Customhouse
Denver 2, Colorado

July 19, 1956

FINAL DISTRIBUTION
MADE JUL 23 1956

Memorandum

To: T. A. Christensen

WSM

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado - Operator's Monthly Progress Report for the month of June, 1956

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

It is deemed that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. 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---------- July 12, 1956
Date Received in Field Office---------- July 17, 1956
Date Received in Region Office---------- July 18, 1956

W. M. TRAVER

W. M. Traver

Enclosures
JDC:jy
cc: MF-104 File E909
Sec. Op. Comm. (2)
Shaw (2)
Chron.

RECEIVED
JUL 25 1956

DMEA
Date Rec'd.
JUL 18 1956
BUREAU OF MINES
Denver, Colorado

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
July 18, 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: John F. Shav
Supervising Mining Engineer

From: R. L. Bolmer

Subject: DMEA 3807 (Tungsten) Contract Idm-E909, Reynolds Tungsten Corporation (Prospect tunnel) Boulder County, Colorado -- Progress report for June 1956

The progress reported this period under the subject short-form contract -- 62 feet of crosscutting on the Prospect tunnel level -- was verified during an inspection of the property July 5, 1956.

On the date of inspection, the breast of the project crosscut measured 177 feet on a course S. 72° E. from the ℄ of the Prospect tunnel or 165 feet from the northwest rib of the tunnel. The northwest rib of the tunnel was the starting point for the exploratory crosscut authorized under stage I of the contract. Stage I of the contract provides for 810 feet of crosscutting on course S. 72° E. from the end of the Prospect tunnel. It also provides for the excavation of a drill station at the end of the crosscut and the core drilling of two, 600-foot prospect holes southeasterly and northwesterly from this station. Last period, the operator reported, and was reimbursed for, the initial 94 feet of the project crosscut. The 62 feet of crosscut advance that is reported for the June period, therefore, is valid and proper.

Project work during the June period was carried out according to the specifications stipulated in the contract. The $1,838.30 total costs reported for this period on the operator's MF-104 forms -- equivalent to 62 feet of crosscutting at the agreed upon unit price of $29.65 per foot - are approved. Reimbursement to the operator of 75 percent of the approved reported costs, or $1,378.73, is recommended.

R. L. Bolmer
Mining Engineer

RLB/mw
Idm-E909
cc: 6
chron

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Bldg.
Denver 2, Colorado

July 12, 1956

RECEIVED
JUL 25 1956

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3807 (Tungsten)
Contract No. Idm - E909

Dear Sir:

DOZER MINE

Report for June, 1956

The Prospect Tunnel was extended 62.0 feet in the same direction during the month of June (Map dated May 31, 1956, submitted with last month's report).

The rock through which the tunnel advanced continued to be pegmatite heterogeneously mixed with schist and gneiss.

A Joy Axi-Vane Blower (capacity 8,600 cu. ft./min.) was purchased for installation at the portal. It will be connected to 18-inch vent pipe to ventilate the tunnel to enable the work to proceed on a 2-shift per day basis.

Yours respectfully,

REYNOLDS TUNGSTEN CORPORATION

G. C. Ridland

G. C. Ridland

GCR:jd

cc: Mr. D. J. Luckhurst, President
Reynolds Tungsten Corporation
New York, New York

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
JUL 25 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June 6 Docket No. DMEA 3807 Contract Idm-E 909

Operator's Name Reynolds Tungsten Corporation Minerals Tungsten

Address 1036 First National Bank Building, Denver, Colorado

Contract Amount, $ 75,289.50 Government Participation: 75 % Amount, $ 56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing	1,838.30	2,787.10	4,625.40			
Crosscutting						
Drifting						
(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	1,838.30	2,787.10	4,625.40	1,838.30	2,787.10	4,625.40

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

Date July 12, 1956 *Payee Reynolds Tungsten Corporation

Per G. C. Rickland Title Vice President

*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:

$ 1378.73

Signature [signature]
(Authorized Certifying Officer)

Date 7/20/56 Vou. No. DMA 57-10

(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. E909 in accordance with the terms of the contract.

Signature R. P. Bolman, $1,378.23 Title Mining Engineer Date JUL 18 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Davy Title Executive Officer Date JUL 19 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
JUL 25 1956

Month of June 1956 Docket No. DMEA 3807 Contract No. Idm-E909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Bldg., Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting	Feet	1,838.30	62.0	4,625.40	156	29.65	810	29.65
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,838.30	62.0	4,625.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,838.30		4,625.40				

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.

REMARKS:

Date July 12, 1956 Operator Reynolds Tungsten Corporation

Per G. C. Rickard Title Vice President

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)

R. L. Bolmer (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 872894

400

RECEIVED
JUN 27 1956

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

June 15, 1956

FINAL DISTRIBUTION
MADE JUN 25 1956

224 New Customhouse
Denver 2, Colorado

WGM

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3007 (Tungsten) Contract I4m-2909, Reynolds Tungsten Corporation (Prospect Tunnel) Boulder County, Colorado Operator's Monthly Progress Report, for the Month of May, 1956

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

It is deemed that the Operator has complied with the intent of the contract and the work for which payment is recommended is acceptable to the Government. 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 7, 1956
Date Received in Field Office----------June 11, 1956
Date Received in Region Office----------June 13, 1956

W. M. TRAVER,

W. M. Traver

Enclosures
JRCash
cc: MF-104 file 2909
Sec. Op. Comm. (2)
Shaw (2)
Caren.

MF-104
May

RECEIVED
JUN 8 1956

Region III

Building 20
Denver Federal Center
Denver 2, Colorado
June 13, 1956

DMEA
Date Rec'd.
JUN 13 1956
BUREAU OF MINES
Denver, Colorado

Memorandum

To: Executive Officer, DMEA Field Team, Region III
Through: John F. Shea
Supervising Mining Engineer

From: R. L. Bolmer

Subject: DMEA 3907 (Tungsten), Contract Idm-3909, Reynolds Tungsten Corp. (Prospect Tunnel), Boulder County, Colo. -- Progress Report for May 1956.

The progress reported this period under the subject short-form contract -- 94 feet of crosscutting on a course S. 72° E. from the existing breast of the Prospect Tunnel -- was verified during an inspection of the property June 11, 1956.

On the date of inspection, the breast of the project crosscut measured 130 feet from the ℄ of the Prospect tunnel or 118 feet from the northwest rib of that tunnel. This rib was the starting point for the exploratory crosscut authorized under Stage I of the contract. The crosscut was driven to a 5- by 7-foot cross section. Timber support was not required. The rocks encountered in the heading were schist, gneiss, and pegmatite. A 2-foot shear zone in pegmatite was intersected at a point 65 feet from the tunnel. This zone reportedly contained considerable amounts of water but had drained itself by the date of inspection. The "two small stringers of gray sulphide mineral", which are mentioned in the operator's narrative, were not observed during the inspection.

The project heading is being driven by two miners under a labor contract rate of $10.00 per foot. A supervisor from the company's Central City operations visits the project periodically. Preparatory work at the property started April 24, 1956. The surface facilities were repaired, sections of the tunnel were cleaned up, and several slabbing rounds were broken from the rib at the tunnel breast so as to align the project heading on the correct course. The first full crosscut round was drilled and blasted on May 2, 1956. A surveyor employed by Cold Spring Tungsten, Inc. established the initial line points for the crosscut and will check the heading periodically for grade and bearing.

The $2,787.10 total costs reported for the May period on the operator's MF-104 forms -- equivalent to 94 feet of crosscutting at the agreed upon unit price of $29.65 per foot -- are approved. The work completed during this initial period of the project conforms with the terms of the contract. Reimbursement to the operator of 75 percent of the approved costs, or $2,090.33, is recommended.

R. L. Bolmer
R. L. Bolmer
Mining Engineer

cc: 6
Idm-3909
Chrom.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

RECEIVED
JUN 27 1956

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1956 Docket No. DMEA 3807 Contract No. Idm-E 909
Operator's Name Reynolds Tungsten Corporation Minerals Tungsten
Address 1036 First National Bank Building, Denver, Colorado
Contract Amount, $75,209.50 Government Participation: 75% Amount, $56,467.13

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	2,787.10		2,787.10			
Drifting						
(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	2,787.10		2,787.10	2,787.10	—	2,787.10

I certify that the above bill is correct and just and that payment therefor has not been received.
Date June 7, 1956 *Payee Reynolds Tungsten Corporation
Per G. C. Richard Title Vice President

*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: $2090.33

Signature [illegible]
(Authorized Certifying Officer)
Date 6/18/56 Vou. No. DMEA 56-120

(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. DMx-6909 in accordance with the terms of the contract.

Signature R. L. Bolmer, $2,090.33 Title Mining Engineer Date JUN 12 1956

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Jones Title Executive Officer Date JUN 15 1956

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 27 1956

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1956 Docket No. DMEA 3807 Contract No. Idm-5909

Operator's Name Reynolds Tungsten Corporation Minerals Tungsten

Address 1036 First National Bank Bldg., Denver, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
~~Drifting~~ Crosscutting	Feet	2,787.10	94.0 ft.	2,787.10	94.0	29.65	810 ft	29.65/ft.
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,787.10	94.0 ft.	2,787.10				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,787.10		2,787.10				

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 7, 1956 Operator Reynolds Tungsten Corporation

Per G. C. Ridlon Title Vice President

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)

R. L. Bolmer

INSTRUCTIONS

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

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

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

GPO 872894

REYNOLDS TUNGSTEN CORPORATION
1036 First National Bank Bldg.
Denver 2, Colorado

June 7, 1956

RECEIVED
JUN 27 1956

Mr. W. M. Traver, Executive Officer
Defense Minerals Exploration Administration
Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 3807 (Tungsten)
Contract No. Idm- E909

Dear Sir:

DOZER MINE

Report for May, 1956

The Prospect Tunnel was advanced 94.0 feet during the month of May.

The rock through which the tunnel was extended is predominately a coarse pegmatite. Between 40 and 50 feet from the point of beginning (breast of old tunnel) a zone of altered gneiss was encountered. At 65 feet, a 2-foot wide zone of altered pegmatite was encountered from which an abundance of water was drained. Two small, relatively unimportant stringers of gray sulphide mineral were noted.

At the portal some work was necessary. A trestle was built and track laid on the tressel to facilitate disposal of muck.

Yours respectfully,

REYNOLDS TUNGSTEN CORPORATION

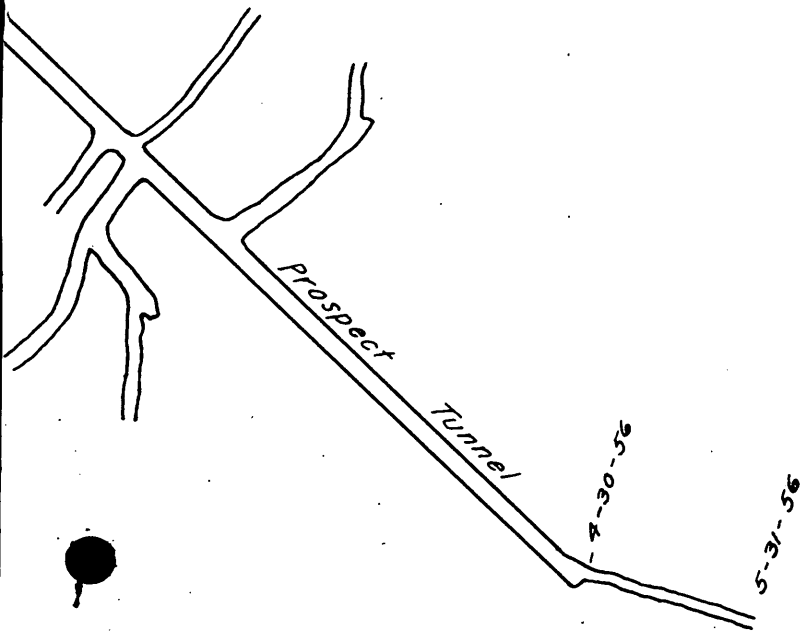
G. C. Ridland

G. C. Ridland

GCR:jd

cc: Mr. D. J. Luckhurst, President
Reynolds Tungsten Corporation
New York, New York

Reynolds Tungsten Corporation
First National Bank Bldg.
Denver 2, Colorado



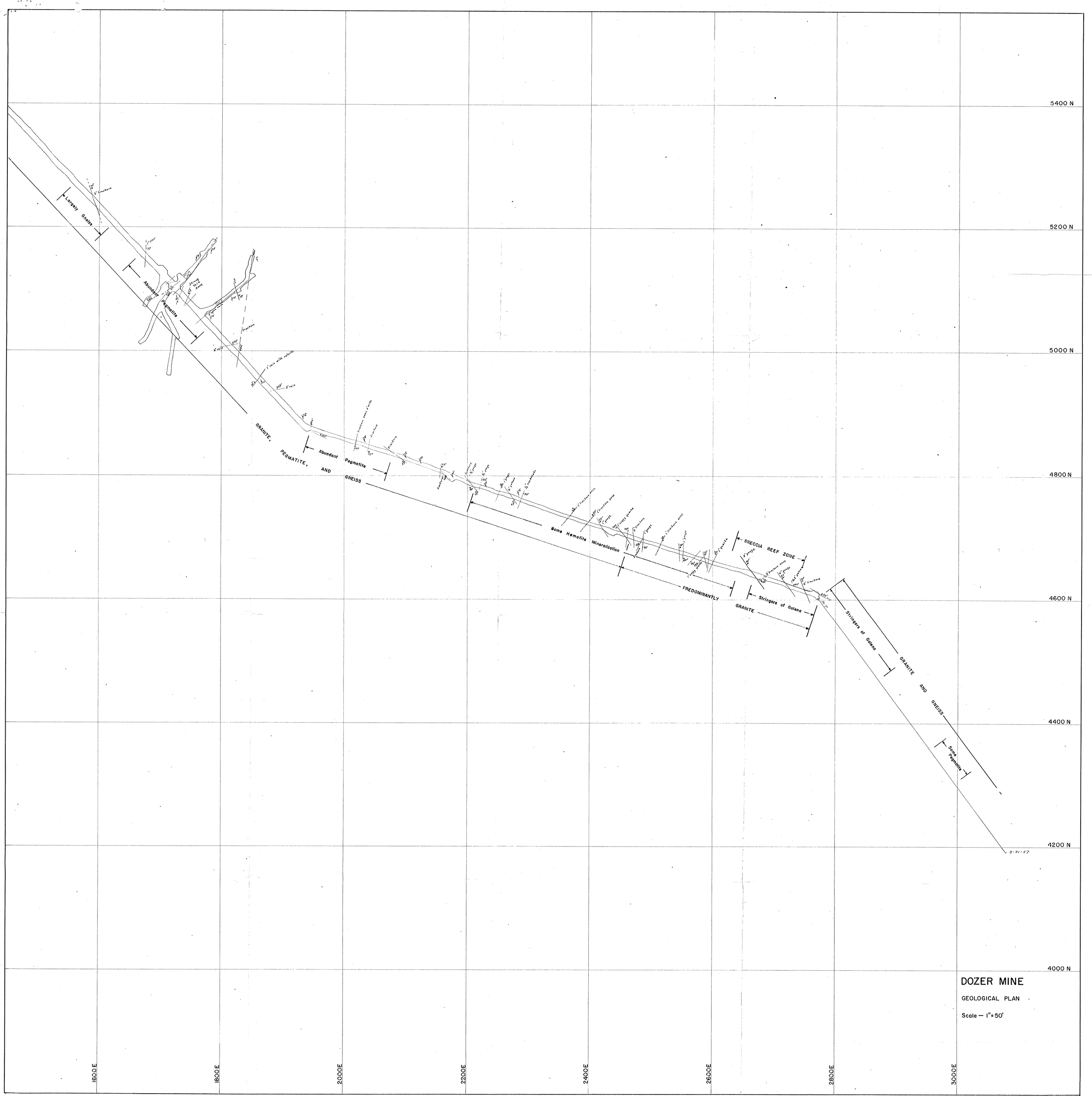
DOZER MINE

"P" LEVEL

Scale: 1" = 100'

MAY 31 1956

RECEIVED
JUN 27 1956


5400 N
5200 N
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2000 E
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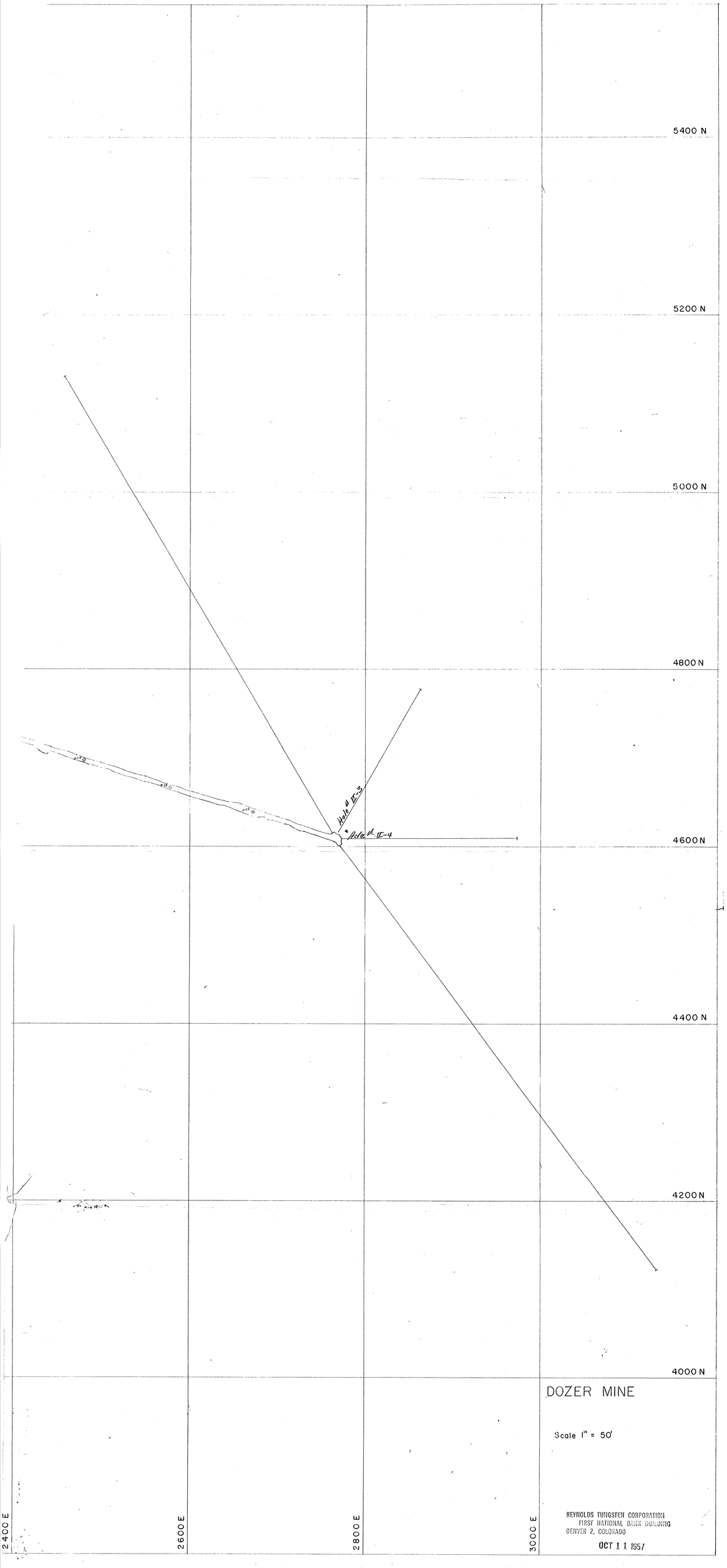
2400 E
2600 E
2800 E
3000 E
Largely Gneiss
Abundant Pegmatite
GRANITE, PEGMATITE, AND GNEISS
Abundant Pegmatite
Some Hematite Mineralization
PREDOMINANTLY GRANITE
BRECCIA REEF ZONE
Stringers of Galena
Stringers of Galena
GRANITE AND GNEISS
Some Pegmatite
3-31-57
DOZER MINE
GEOLOGICAL PLAN
Scale — 1" = 50'

MAR 31 1957


5400 N
5200 N
5000 N
4800 N
4600 N
4400 N
4200 N
4000 N
Hole # II-3
Hole # II-4
2400 E
2600 E
2800 E
3000 E
DOZER MINE
Scale 1" = 50'
REYNOLDS TUNGSTEN CORPORATION
FIRST NATIONAL BANK BUILDING
DENVER 2, COLORADO
OCT 11 1957