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October 24, 1955

Betty

Memorandum

To: W. R. Griswold, Defense Minerals Exploration Administration

From: J. W. Pennington, Branch of Base Metals

Subject: Review of Field Team Final Report, Docket No. DMEA 2103, Contract Idm-E 423, $10,800.00, Copper, Elmer L. Allen (assignee of Elmer L. and Jessie M. Allen, Partners), Allen Property, Sepay Creek Mining District, Sanders County, Montana

The Final Field Team report on this property by Margaret R. Lickes, Bureau of Mines, and James J. Quinlan, Geological Survey, has been reviewed.

The examiners have presented a thorough description of the property and the exploration program. Based on the data in the report, the conclusions of the author appear logical and sound.

I agree with the recommendations of the examiners that no Certification of Discovery or Development is warranted by the results of the work done under the contract, and no further exploration with Government participation is warranted.

J. W. Pennington

J. W. Pennington

JWPennington/vr

Copy to: Division of Minerals
Branch of Base Metals
J. W. Pennington
Thor Kiilsgaard, U.S.G.S.
F i l e s

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

RECEIVED
AUG 19 1955

August 16, 1955

Betty

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

Re: Docket No. DMEA 2103 (copper)
Elmer L. Allen, Assignee of
Elmer L. & Jessie M. Allen, Partners
Allen Property
Sanders County, Montana
Contract Idm-423

Dear Mr. Selfridge:

Enclosed are four copies of a final report on the Allen property, Sanders County, Montana.

No Certification of Discovery or Development has been made, and none is warranted.

By Field Team, Region 1, M. District

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

Verne J. Fryklund, Jr., Member
(U. S. Geological Survey)

Enclosures
cc: USM(2)
Quinlan

Approved by
DMEA OPERATING COMMITTEE
8-24-55
(date)

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION I
Northwest District

FINAL REPORT

Contract Idm-E423

by

Margaret R. Lickes
Mining Engineer
U. S. Bureau of Mines

James J. Quinlan
Geologist
U. S. Geological Survey

ELMER L. ALLEN
(ASSIGNEE OF ELMER L. AND JESSIE M. ALLEN, PARTNERS)
155 East 6790 South, R.F.D.
Midvale, Utah

Docket No.:	DMEA 2103
Commodity:	Copper
Contract date:	October 27, 1952
Completion date:	January 27, 1955

ALLEN PROPERTY
Sopey Creek Mining District
Sanders County, Montana

Spokane, Washington

August 1955

Reviewed by
DMEA OPERATING COMMITTEE
8-24-55
(date)

FINAL REPORT

ELMER L. ALLEN
(ASSIGNEE OF ELMER L. AND JESSIE M. ALLEN, PARTNERS)
Allen Property
Sepoy Creek Mining District
Sanders County, Montana

Contract Idm-E423

* * * *

INTRODUCTION

This report describes a project conducted jointly under Exploration Project Contract No. Idm-E423 by Elmer L. Allen, assignee of Elmer L. and Jessie M. Allen, partners, and the Defense Minerals Exploration Administration, in the Sepoy Creek Mining District, Sanders County, Montana.

Summary

The purpose of the project was to explore for copper ore in a vein that had previously been explored by shallow surface workings and a 320-foot adit, by rehabilitating the adit and drifting and crosscutting from it to a target area under the shallow surface workings.

The contract became effective October 27, 1952, and project work was started the following May. Project work completed included 318 feet of adit rehabilitation, 45 feet of drift rehabilitation, and 294.3 feet of drifting and crosscutting. No ore was discovered. Work outlined in the contract was completed in January 1955. The Operator's final narrative was accepted in lieu of his final report, and final payment was made to the Operator on April 8, 1955. Total cost of the exploration was $10,800.00, of which the Government's participating share was 50 percent or $5,400.00.

Recommendations

No Certification of Discovery or Development is warranted by the results of the work done under the contract.

No further exploration with Government participation is warranted.

LOCATION AND ACCESSIBILITY

The five claims included under the contract are in secs. 19 and 24, T. 18 N., R. 23 W., M. P. M., Sanders County, Montana. The nearest town is Perma, Montana, from which the claims can be reached by traveling 2.7 miles east on Highway 10A, thence 7.8 miles southwest to the property over a Forest Service road.

The property is on a rounded, timbered ridge a few hundred yards south of the drainage divide between Sapey Creek and the Flathead River at an altitude of about 5,000 feet, approximately 2,000 feet above the Flathead River Valley bottom.

The main line of the Northern Pacific Railway traverses the Flathead River Valley and passes through Perma.

Winter weather usually is severe, with snow closing the road to the property from November to May.

THE PROPERTY

The property consists of five unpatented lode mining claims: the New Deal, Blue Eyed Nellie, Lucky Mart, Isabel, and Little Joe, recorded in Book 15 of Mining Locations, pages 163, 165, 167, 169, and 171, in the office of the County Recorder of Sanders County, Montana. The Lucky Mart and Blue Eyed Nellie claims are the only ones on which work was done during the project. Elmer and Jessie Allen were the sole owners of the claims at the start of the contract, but during the term of the contract Jessie M. Allen deeded all her rights in the property to her husband, Elmer L. Allen.

According to the Allen brothers, Charles Allen of Revais Creek and a partner staked the five claims, then Charles Allen gave his rights to his brother, Elmer, who bought out the partner to gain full control of the property. After the Blackfoot Indian Reservation was established, earlier owners were advised that they were trespassing on Indian tribal property. According to Charles Allen, the matter was fought successfully in court and the prior right of the claims was established.

Several carloads of 20 percent copper ore are reported by Charles Allen to have been shipped from the property sometime in the past, but no records are available.

Three shallow shafts, an adit and pit prospect the Allen structure within the immediate outcrop area. A lower adit also intersects the vein 150 to 200 feet below the outcrop. The shallow workings in the outcrop area are caved. The lower adit, which was 466 feet long, was rehabilitated during the term of the project and all DMEA work was carried on through this adit. A total of 294.3 feet of DMEA crosscutting and drifting was done in the lower adit.

The diorite country rock stands well unsupported, but within the Allen structure the material is badly broken, sloughs easily and requires timbering.

Natural ventilation was sufficient to clear the workings as the drift was advanced. Drainage was no problem; a greater problem was to get sufficient water for drilling. No facilities are on the property except a small cabin which is in poor repair but habitable.

GEOLOGY

The Allen deposit is typical of a group of small copper prospects in western Montana and northern Idaho associated with diorite and gabbro plutons that intrude sedimentary rocks of the Precambrian Belt Series. Although some copper has been produced from several of these deposits, none is very large, and most appear to be of little economic importance.

The geometry of the diorite pluton within which the Allen deposit occurs is not exactly known. The pluton appears to be relatively large; the nearest contacts with quartzitic rocks of the Belt Series are about 750 feet northeast and 800 feet southwest of the mined area.

The Allen structure consists of a shear zone about 20 feet wide (see attached map). Although individual shears within the zone have various attitudes, the zone itself strikes about N. 40° W. and dips 30° - 60° NE.

Small ore piles on several of the dumps of the shallow workings along the vein consist of malachite, chrysocolla, and chalcopyrite in a quartz and limonite gangue. Assay results of grab samples from four small ore piles on these dumps are tabulated below:

Location of ore pile	Au oz.	Ag oz.	Pb %	Zn %	Cu %
No. 1 shaft dump	0.01	0.2	None	Tr.	1.77
No. 2 pit and adit dump (south side)	Tr.	0.3	None	Tr.	2.88
No. 2 pit and adit dump (Small high-grade ore pile on north side of dump)	0.02	0.1	None	Tr.	7.79
No. 3 shaft dump	None	0.4	None	0.1	2.02

No ore resembling that seen on the dumps of the shallow workings along the vein was seen in the lower adit. Within this working the structure contains lenses and thin stringers of quartz. Except for a few grains of pyrite and chalcopyrite, some limonite stain and a few spots of malachite stain, the quartz lenses and stringers are essentially barren. Considering the lens-like nature of most of the quartz in the lower adit workings, it is reasonable to assume that the ore on the dumps of the shallow workings along the vein probably came from small lens-like bodies.

THE PROJECT

The DMEA project was undertaken because the Allen deposit offered an opportunity to test at small cost what appeared to be one of the better small copper prospects associated with diorite and gabbro plutons in western Montana and northern Idaho. The project was undertaken with full knowledge that the risks involved were great and that at best the deposit was probably marginal.

The program originally proposed was to consist of rehabilitating 400 feet of the lower adit crosscut and drifting and crosscutting 300 feet therefrom in order to prospect the area under the shallow workings on the vein. Although only 318 feet of the adit crosscut had to be rehabilitated, it was also necessary to rehabilitate 45 feet of caved drift. Amendment No. 1 was made to permit this change, but in order to provide adequate funds for the drift rehabilitation it was necessary to reduce the amount of drifting and crosscutting to 294.3 feet.

The contract was dated October 27, 1952, and one year was allowed to complete the work. Work was started in May 1953 but was not completed during the summer working season. Therefore, Amendment No. 2 was made in order to recess work during the winter months and extend the contract time limit an additional year. Work was resumed in June 1954, but when it was not completed by October 27, 1954, the expiration date of the contract, Amendment No. 3 was made to allow an additional 3 months to complete the work. Because the contract time limit was extended for more than 2 years by Amendment No. 3, provision was also made in this amendment to change the royalty repayment period if certification were made from 10 to 12 years. Project work was completed in January 1955.

The first phase of project work consisted of rehabilitation of the lower adit level crosscut. After 318 feet of the crosscut had been rehabilitated, it was possible to reach the face of the crosscut (420 feet from portal) without additional rehabilitation. The Allen structure was 325 feet from the portal.

A drift that had been driven southeast along the Allen structure was caved. It was agreed with the Operator that it would be more expeditious to drive a lateral around the caved drift than to attempt to put it into safe and usable condition. Therefore, a lateral was started around the cave at a point 282 feet from the portal. This lateral was driven 60 feet on a S. 80° E. bearing, at which point it intersected the old drift. The old drift was open but in a bad state of repair for 45 feet southeast of the point where the lateral intersected it. It was decided to rehabilitate this 45 feet of old drift and then continue work to the southeast along the Allen structure.

After rehabilitation of the drift and limited work within the structure, it was decided that because of heavy ground the best exploration plan would be to drive a lateral in the footwall of the structure and prospect the structure at regular intervals by crosscuts. The operator, however, failed to follow this plan. Although he did stay in the footwall for a short distance, when he returned to the vein he followed it to the southeast, drifting more or less aimlessly within the structure or immediate wall zone (see attached map). In all, the heading to the southeast was advanced 340 feet (295 feet of drift plus 45 feet of drift rehabilitation) southeast from the adit crosscut, thus the face of the drift when contract work was completed was under the northernmost surface working (see attached map).

No ore resembling that seen on the dumps of the shallow workings along the vein was seen in the DMEA working. Within the DMEA working the Allen structure contained lenses and stringers of quartz. Except for a few grains of pyrite and chalcopyrite, some limonite stain, and a few spots of malachite stain, the quartz lenses and stringers are barren. Considering the lens-like nature of most of the quartz in the lower adit workings, it is reasonable to assume that the ore on the dumps of the shallow workings probably came from small lens-like bodies.

It will be noted on the attached map that the lower adit drift tests the structure for only 40 feet along its strike below the shallow working on the vein. The Operator plans to extend the drift to the southeast under the other shallow workings this summer. Although this work may find some ore, all evidence suggests that the targets involved are insignificant and further Government assistance in testing them is not warranted.

No ore reserves can be inferred from the sparse amount of ore minerals seen in the DMEA working.

Summary of Factual Data

The units completed under the contract and their cost are:

	Units	Unit Cost	Total Cost
Adit rehabilitation	318.0 feet	$4.50	$ 1,431.00
Drift rehabilitation	45.0 "	12.00	540.00
Drift and crosscut	294.3 "	30.00	8,829.00
Total			$10,800.00

Total allowable cost of contract	$10,800.00
Government's share of allowable cost	5,400.00
Total cost of contract	10,800.00
Government's share of contract cost	5,400.00

There was no production from the property during the project.

No equipment was purchased in which the Government has an equity so there was no problem of salvage.

Discussion of Conclusions

Difficulties encountered during the project work were caused by the broken nature of the vein, poor management, and severe winter weather.

Within the Allen structure the ground was broken, sloughed easily, and required close timbering; thus drifting on the vein was slow and costly. The Operator's desire to see all the vein instead of drifting in the footwall parallel to the vein and inspecting it by crosscuts from the parallel drift slowed the work. Much time was spent getting through caving areas of the vein, and, in places, it was necessary to drive spiling.

Operations were inefficient and poorly planned. The Operator's insecure financial position hampered the work by limiting the amount of labor employed and by the use of poor equipment; one round was hand steeled.

Severe winter weather delayed the start of the project work and necessitated a recess during the winter of 1953-54.

Although the Operator stated that he plans to drift further to the southeast on his own account, no targets exist that warrant exploration with Government participation.

Attachment
Distribution:
DMEA(4)
USBM(5)
USGS(SRO)
Dockst
Quinlan

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

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. W

Bu. Vou. No. 1471

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

Voucher prepared at Spokane 4/8/55
(Give place and date)

Omlk-2103

THE UNITED STATES, Dr., Payee's Account No. Idm-E423

To Elmer L. Allen
(Payee)

Dixon, Montana
(Address) (City) (State)

PAID BY

(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	Dec. 1954	Balance withheld- Voucher No. 1398				200.00	
	Jan. 1955	As per attached certified form MF-104 dated 3/2/55				481.50	
		FINAL PAYMENT					
		Use continuation sheet(s) if necessary			Total	681.50	

PAYMENT:
- Complete ☐
- Partial ☐
- Final ☐

Shipped from to Weight Government B/L No.

(Payee must NOT use this space)

Differences _____

Account verified; correct for 681.50

(Signature or initials) MEP

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

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

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

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

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

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

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

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

ABSENCE OF ADVERTISING

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

.....

.....

.....

.....

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

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

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

16—22000a-2

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 12 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1955 Docket No. DMEA 2103 Contract No. Idm.-E-423
Operator's Name Elmer L. Allen Minerals Copper
Address Bryan Montana
Contract Amount, $ 10800.00 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
(2) Tunnel Rehabilitation ~~Bulldozing~~		540	540	24.00	516.00	540.00
Crosscutting	939	7890	8829	939.00	7890.00	8829.00
Drifting						
(1) Tunnel Rehabilitation		1431	1431		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	939	9861	10800.	963.00	9837.00	10800.00

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

Date March 2nd 1955 *Payee Elmer L. Allen

Per Same Title Operator

*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.

adjusted to audit (Instructions on reverse)

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

$ 481.50

Signature MDP
(Authorized Certifying Officer)

Date 4-8-55 Vou. No. 1471
(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. E423 in accordance with the terms of the contract.

Signature /s/ Webster S. Anderson Title Mining Engr Date 3-8-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W. Zoldok Title Mining Engr Date 3-8-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 12 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1955 Docket No. DMEA 2103 Contract No. Idm-E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana

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	FT.	939	31.3	8829	294.3	30.00	294.3	30.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
(2) Tunnel Rehabilitation ~~Stripping~~	FT.	24.00	2	540	45	12.00	45	12.00
Trenching								
Test Pits								
Roads and Trails								
(1) Tunnel Rehabilitation	FT.			1431	318.00	4.50	318	4.50
TOTAL DISTRIBUTED COSTS		~~939~~ 963.00	31.3	10800				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		~~939~~ 963.00		10800				10800.00

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

Date March 2 1955 Operator Elmer L. Allen

Per Same Title Operator

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ Webster S. Anderson

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

COPY

Docket No. 2103- Contract Idm-E423
Elmer L. Allen, Dixon, Montana

Minerals Administration
RECEIVED

Dear Sirs:

In writing this "my last narrative on the completion of this contract", I don't know who to express my views as to the discovery made. I had hoped that Mr. Anderson and other members of field team II had been here before I wrote this narrative.

I deeply appreciate the help that Mr. Anderson and the other members of field team II have given to me during the life of this contract.

The fault which has been paralleling the fissure all the way along apparently cuts into it about twelve feet back from the present face of the drift, and there is some sore of a break right at the face.

About 12 feet back from the face there is what appears to be a foot wide streak of pegmatite quartz going into the foot wall from the drift, and it comes into the drift at the face showing about a 12 foot throw. It appears that the fissure will take its regular course going south and east from the face. The ground is very loose at the face where we had to put in a short set of timber. We put in 6 sets of timber the last 30 feet.

Where we first crosscut the fissure, back about 120 feet from the present fact, there is about an eight inch to foot wide streak of quartz which has a considerable amount of good float on the surface at this point which makes me think there is a possibility of getting out a shipment of ore from there. I will push the drift ahead as the opportunity presents itself. I have reports from several sources that there was a foot wide streak of 20% copper left in the bottom from the shaft by the cabin.

Yours very truly,

/s/ Elmer L. Allen

3/22/55 rgla

[redacted]
No. 157 Howard Street
Spokane 4, Washington

March 17, 1955

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

Re: Docket No. DMEA-2103 (copper)
Elmer L. Allen
Sanders County, Montana
Contract No. I4s-2423

Dear Mr. Selfridge:

Enclosed are three copies of the operator's "last narrative" on the cited contract; although no map accompanies it, we feel that this is the best that can be expected from the operator, and therefore are accepting it as a final report.

The Field Team agrees with the recommendation in the memorandum of February 24, 1955, by W. S. Anderson, Bureau of Mines, and J. J. Quinlan, Geological Survey, copies of which have been sent to you, that no Certification of Discovery or Development be made on this project and no additional work be done with Government assistance.

By Field Team, Region I, NW District

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

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

Enclosure
cc: [redacted] (2)
[redacted] (AD)
Quinlan

Docket No. 2103. Contract Idm-E423

[redacted] Elmer L. Allen. [redacted] Montana

Dear Sirs; In writting this "my last narrative" on the completion of this contract; I dont know how to express my views as to the discoveries made. I had hoped that Mr Anderson and other members of the field team had been able to be here before I wrote this narrative.

I deeply appreciate the help Mr Anderson and other members of the team have given me during the life of the contract.

The fault which has been paralleling the fissure all the way along apparently cuts into it about 12 feet back from the present face of the drift, and there is some sort of a break at the face of the drift. Twelve feet back from the face there is a foot wide streak of quartz going into the foot wall from the drift, and it comes into the drift at the face, showing a 12 foot throw. It appears that the fissure will take its regular course going South and East from the face.

We had to keep the ground timbered up during the last 30 feet and put in six sets of timber.

Where we first cross cut the fissure, back about 120 feet from the present face of the drift, there is an 8 to 12 inch streak of quartz on the foot wall which contains a considerable amount of Chalcopyrite. For the present time we are going back and raise on it. There is some very good float on the surface at this point, which makes me believe which makes me believe we will be able to get a shipment or so of ore from this point.

I will push the drift ahead as the opportunity presents ~~that~~ itself. As I have reports ~~that~~ from several sources that there was a foot wide streak of 20% copper left on the bottom of the shaft by the Cabin -

Yours Very Truly - Elmer L. Allen

RECEIVED

FEB 10 1955

Operator's Final report accepted by Field Team

1201 N. Division St.
Spokane 2, Washington
February 24, 1955

MEMORANDUM

To: DMEA Field Team, Region I

From: W. S. Anderson, Mining Engineer, Bureau of Mines, and
J. J. Quinlan, Geologist, U. S. Geological Survey

Subject: Final inspection, Docket No. DMEA 2103 (copper), Elmer L. Allen Property, Sanders County, Montana, Contract Idm-E423

The property was visited on February 11. There was no one at the property at the time of the visit.

A transit survey was made to tie in surface outcrops and the main adit level. This will be included in the Field Team final report.

Additional work completed since the previous visit of January 19 was checked and mapped. Also, the main adit level was mapped. These maps will be included with the final report.

Work completed under the contract is as follows:

318 feet of initial rehabilitation of main adit level
45 feet of rehabilitation of caved drift
295 feet of drifting and crosscutting

The drift to the southeast had been advanced 12 feet since the Previous inspection for a total of 295 feet of drifting and crosscutting. There was minor disseminated pyrite in the face and several small stringers and blebs of quartz. The structure was the same as has been previously reported. No copper minerals of economic importance were noted.

It is recommended that no certification of discovery be made and that no additional work be done with Government participation.

/s/ W. S. Anderson

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
AD
Auditor Turner
WSA/he

c
o
p
y

see J.J. memo 3/17/55 on left-hand side. gfo.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
January 24, 1955

RECEIVED FEB 17 1955

MEMORANDUM

To: DMEA Field Team, Region I

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 2103 (copper), Elmer R. Allen Property, Sanders County, Montana, Contract Idm-E423

The Elmer Allen property was visited January 19. Mr. Elmer Allen and one miner were working at the property at the time of the inspection. There was approximately 1½ feet of snow at the property and the road was impassable by car for the last 1.5 miles. Skis were used to make this portion of the trip.

The drift to the southeast has been advanced 43 feet since the previous inspection for a total of 283 feet under the contract. This would leave a balance of 11.3 feet of advance to complete the contract. The bearing of the drift was changed several times in the last advance. The advance was not mapped as a round was blasted two hours previous to the visit and there was still considerable powder fumes near the face.

The recent advance was through diorite which was badly sheared and in which there were numerous stringers of quartz from 1/2-inch to 2 inches in thickness. No ore minerals were noted. Unless the last 11 feet of advance intersects an ore zone there will be no certification recommended.

The Operator plans on continuing work at the property after completing the contract. His plans are to continue drifting to the southeast.

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Dec, 1954 Docket No. DMEA 2103 Contract No. DMEA 423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana
Contract Amount, $ 10800 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
(2) Tunnel-Rehabilitation ~~Bulldozing~~		516	516		516.00	516.00
Crosscutting	870	7020	7890	870.00	7020.00	7890.00
Drifting						
(1) Tunnel-Rehabilitation		1431	1431		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	870	8967	9837	870.00	8967.00	9837.00

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

Date Jan 2nd 1954 *Payee Elmer L. Allen

Per Same Title Operator

*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:

435.00
200.00

$ 235.00 withheld

Signature M. S. P.
(Authorized Certifying Officer)

Date 1-13-55 Vou. No. 1398

(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 423 in accordance with the terms of the contract.

Signature /S/ Webster S Anderson Title Mining Engr Date 1-5-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Zoldok Title Mining Engr Date 1-10-55

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 21 1955

Month of Dec 1954 Docket No. DMEA 2103 Contract No. I4m-E-423
Operator's Name Elmer L. Allen Minerals Copper
Address Deer Lodge Montana

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	FT	870	29	7890	263	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
(2) Tunnel Rehabilitation ~~Stripping~~	FT			516	43.	12.00		
Trenching								
Test Pits								
Roads and Trails								
(1) Tunnel Rehabilitation	FT			1431	318	4.50		
Total Distributed Costs		870		9837				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		870		9837				

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

Date Jan 2nd Operator Elmer L. Allen

Per Same Title Operator

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Narrative to accompanying report.

Most of the footage "29 ft" made this month was in crosscutting the fissure as we were angling along in it.

The ground at this point seems to have been blown around considerable, there seems to be a slip cutting across the fissure at this point, "about 30 ft from old shaft" from the point we are at it seems like the fissure is slipping down the mountain. thus as if the "V" is at the level we saw - one on. It will take another round or so to tell just what has taken place. The gouge or gangue material in the fissure has considerable

(over)

fine quality in it and some small things of what we think is one, but no discovery of ~~supplies~~ importance yet.

We have one or two assays out from which we haven't received the returns.

We have kept the ground timbered as we went along.

We have all the supplies necessary to finish the job and unless the unexpected happens should be through with the contract before February.

Yours truly —
Elmer L. Allen

Docket 2103
Contract Idm-E423

XXXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
January 14, 1955

Mr. Elmer L. Allen
Dixon, Montana

Re: Docket No. DMEA 2103
Contract Idm-E423

Dear Mr. Allen:

Your operating report for December 1954 has been received and processed. However, $200.00 is being withheld from the approved payment until an audit of your records is made by a representative of the Contract and Audit Division of the Defense Minerals Exploration Administration.

This is standard procedure for all contracts as the project nears completion. We are obliged to withhold a portion of the Government's contribution to the cost pending final accounting and receipt of a final engineering report from the operator.

By Field Team, Region I

cc: DMEA (2)
USGS (2)
Wash. 2
AD

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Washington
December 16, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: A. L. Service, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Elmer L. Allen, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The property was visited on December 6, 1954, by V. Z. Johnson and A. L. Service, mining engineers, Bureau of Mines. Mr. Allen and one miner were working at the property on the date of the inspection.

There has been 14 feet of advance in the drift since the November 10 inspection. The last 14 feet of drift has been turned farther south in an effort to get back on the vein which was intersected about 40 feet back from the present face. The face is quite strongly fractured, which indicates that the Operator might be approaching the ore zone. See attached sketch.

Progress is slow because of lack of supplies and money. The Operator will attempt to finish the project if snow does not force him to close down. About 70 feet of drifting remains to be done.

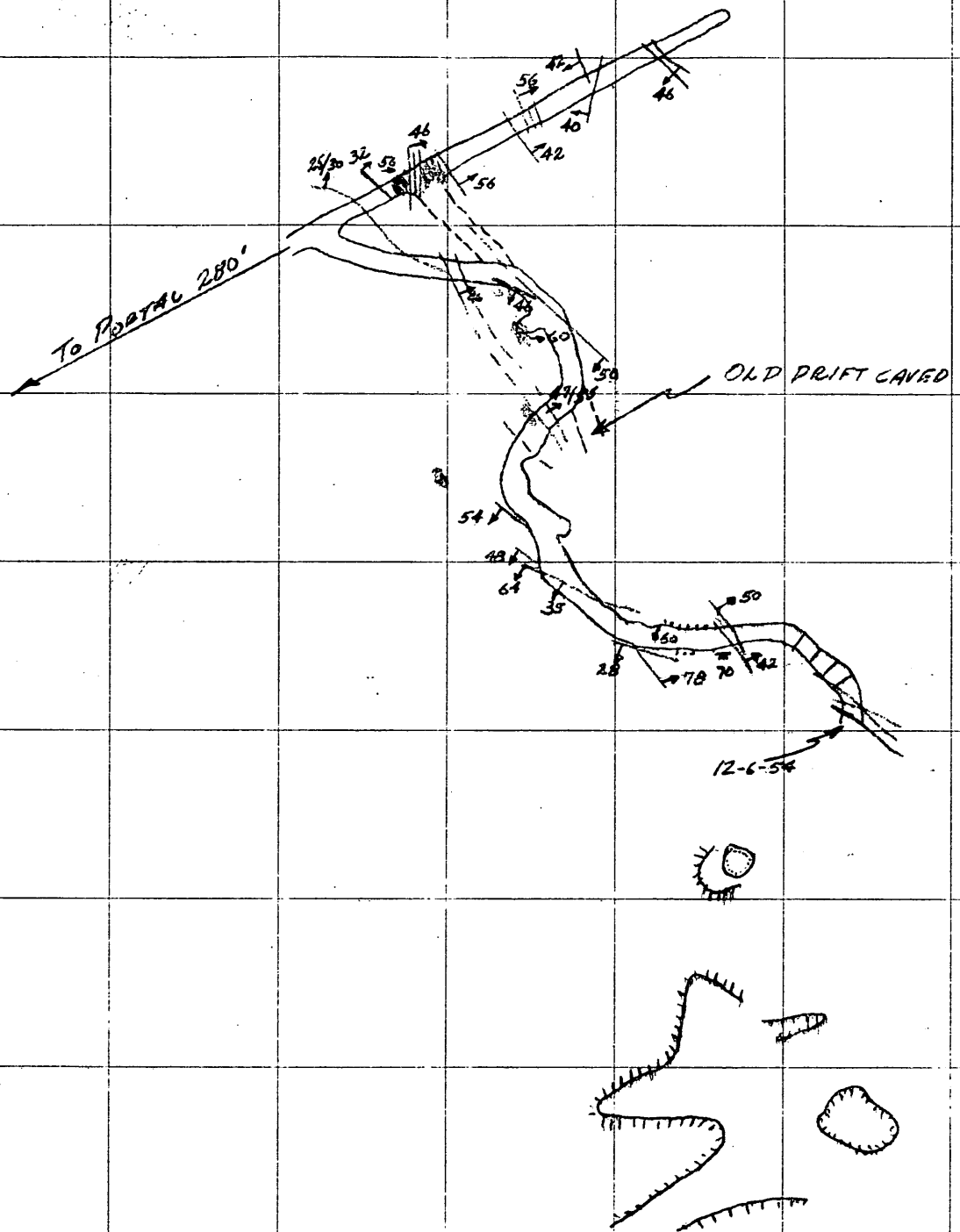
The access road was passable at the time of the inspection, but there is some doubt that it will be open much longer.

The workmanship is satisfactory.

A. L. Service

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
ALS/he

DMEA 1203 - COPYE
ELMER L. ALLEN PROP
Sanders County, Mont.
1" = 50'



"ALBANENE" NO. 1861
REG. U.S. PAT. OFF.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
DEC 3 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Nov., 1954 Docket No. DMEA 2103 Contract No. Idm. E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana
Contract Amount, $ 10800.00 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
(2) Tunnel Rehabilit. Tatoh		516	516		516.00	516.00
Crosscutting	720	6300	7020	720.00	6300.00	7020.00
Drifting						
(1) Tunnel Rehabilit. Tatoh		1431	1431		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	720	8247	8967	720.00	8247.00	8967.00

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

Date Dec 3rd 1954 *Payee Elmer L. Allen

Per Same Title Operator

*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:

$ 360 00

Signature MOP
(Authorized Certifying Officer)

Date 12/16/54 Vou. No. 1874
(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. E423 in accordance with the terms of the contract.

Signature /S/ Verdo Z Johnson Title Mining Engr Date 12/13/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W Goldoft Title Mining Engr Date 12/14/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MP-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 23 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Nov. 1954 Docket No. DMEA 2103 Contract No. Ed m-E 423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana

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	FT	720	24	7020	234	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
2) Tunnel Reha Stripping	FT.			516	43	12.00		
6) Litigation. Trenching								
Test Pits								
Roads and Trails								
1) Tunnel Reha 6) Litigation	FT.			1431	318	4.50		
TOTAL DISTRIBUTED COSTS		720		8967				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		720		8967				

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 Dec 3rd 1954 Operator Elmer L. Allen

Per Same Title

REMARKS: We are entering figures against Nov. because we expect to start up the ore and expect to keep on it for the completion of the job. we had serious cutty sla[illegible] on her due to death of [illegible] and my partner having [illegible] to attend

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Dear Montana
Dec 10th 1954

Mr. Wing Jagner, Member
Dance Field team
Region II

RECEIVED
BUREAU OF MINES
DEC 13 1954

Dear Mr. Jagner

In compliance with the enclosed request for a narration with my November report, I am herewith trying to meet the requirement.

In October we crossed the finish, and in November we run a parallel cross along beside it. We have now divided the program and expect to keep into it for the completion of the contract, as we are now in the area where we expect to pick up the ore. We put in six sets of timber, and have about completing a compressor and tool house. We have been building.

We did not make as much footage as we had hoped to do

P.S. We run out of powder and supplies. On October Check we got long delayed. I just received it Friday. We intend to hurry like for all we can from now on

Yours Very Truly
Henry L. Ellen
Dixon Montana

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 W. Division St.
Spokane 2, Washington
November 18, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Elmer L. Allen property, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The Elmer Allen property was visited November 10, 1954. Mr. Allen and one miner were working at the property at the time of the inspection.

The drift has been advanced 30 feet since the inspection of October 14, 1954. The drift was advanced through the vein and then swung to the southeast as shown on the attached sketch. There were stringers of quartz throughout the vein, but no copper minerals other than a minor amount of malachite staining were noted.

The face of the drift is approximately 25 feet northwest of the northernmost shaft which was sunk on the vein.

The Operator is constructing a shed for his compressor in preparation for the winter. He has been obtaining supplies to finish the contract and will stay at the property until contract work is completed.

An amendment has been approved authorizing a 3-months extension of time to complete the project.

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 10 1954

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, 1954 Docket No. DMEA 2103 Contract No. 21-Idm-E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana
Contract Amount, $ 10800.00 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
(2) Tunnel Rehabilitation ~~Bulldozing~~		516	516		516.00	516.00
Crosscutting	1290	5010	6300	1290.00	5010.00	6300.00
Drifting						
(1) Tunnel Rehabilitation		1431	1431		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1290	6957	8247	1290.00	6957.00	8247.00

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

Date Nov 2nd 1954 Payee Elmer L. Allen

Per Same Title Operator

*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:

$ 645.00

Signature MJP (Authorized Certifying Officer)

Date 12/3/54 Vou. No. 1362 (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 42 3 in accordance with the terms of the contract.

Signature /s/ Webster S Anderson Title Mining Engr Date 11/5/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W Zoldok Title Mining Engr Date 11/5/54

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
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 10 1954

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

Month of Oct. 1954 Docket No. DMEA 2103 Contract No. Idm-E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana

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	FT	1290	43	6300	210	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
2) Tunnel-Rehabilitation	FT			516	43 FT	12.00		
Trenching								
Test Pits								
Roads and Trails								
1) Tunnel-Rehabilitation	FT.			1431	318 FT	4.50		
Total Distributed Costs		1290	43	8247				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1290	43	8247				

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

Date Nov 2nd 1954 Operator Elmer L. Allen

Per Same Title Operator

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: Will make remarks on separate sheet of paper.

(Instructions on reverse)

(For Government use only)

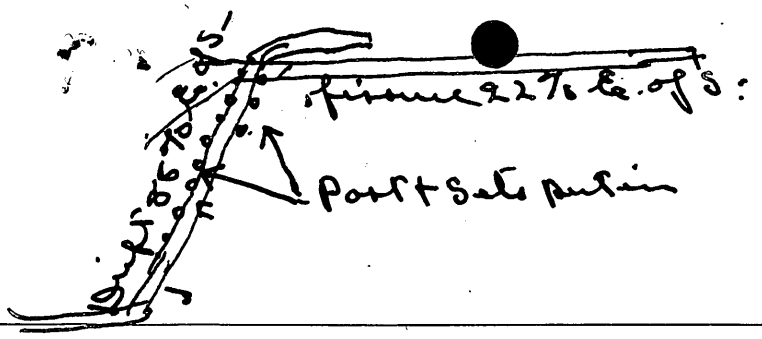
INSTRUCTIONS

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

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

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

GPO 83-38475



Dixon Montana
Nov 1st 1954

U.S. Department of the Interior
Bureau of Mines
Dear Sir;

The following remarks are to be attached to the included D.M.E.A. contract report.

After getting a good start and thinking I would get at least two feet of footage for the month of October the wall pushed out of the drift where it was paralleling the fissure requiring the standing of 6 posts + a considerable amount of lacing and cribbing. besides the standing of three regular sets the extra work required a week in which I could not drill.

When I cross cut the fissure, there was about 2 ft of gouge and some bunches of quartz one of the bunches of quartz had some chalcopyrite in it from the sign of the fissure I think it might still be in the fault area.

After cross cutting the fissure I turned right and am now paralleling it again. The fissure is to soft to drift in.

I purchased lumber and intend to build a compressor + tool house.

Sincerely E. L. G.

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 15 1954

Month of Sept., 1954 Docket No. DMEA 2103 Contract No. Idm-E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana
Contract Amount, $ 10800.00 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
(2) Tunnel Rehabilitation ~~Bulldozing~~	-	516	516		516.00	516.00
Crosscutting	1170	3840	5010	1170.00	3840.00	5010.00
Drifting						
(1) Tunnel Rehabilitation	-	1431	1431		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1170	5787	6957	1170.00	5787.00	6957.00

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

Date Oct. 12 1954 *Payee Elmer L. Allen

Per Same Title Operator

*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:

$585.00

Signature Myrtle Purdy
(Authorized Certifying Officer)

Date 10/11/54 Vou. No. 1306
(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. E423 in accordance with the terms of the contract.

Signature /s/ Webster S Anderson Title Mining Engr Date 10/4/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W Zoldok Title Mining Engr Date 10/4/54

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

OPERATOR'S UNIT COST AND PROGRESS REPORT

OCT 15 1954

Month of Sept. 1954 Docket No. DMEA 2103 Contract No. Idm.E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dyson Montana

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	FT	1170	39	5010	167	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
(2) Tunnel Rehabilitation	FT			516	43 FT	12.00		
Trenching								
Test Pits								
Roads and Trails								
(6) Tunnel Rehabilitation	FT			1431	318	4.50		
Total Distributed Costs		1170	39	6957				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1170		6957				

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 Sept 1st 1954 Operator Elmer L. Allen

Per Same Title Operator

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: I would appreciate getting check as quickly as possible, as I need supplies daily etc. now and would like like to get them in before another storm — hanging on seem pending page.

(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

I believe fissure goes this way
dips 50% E of South

United States
Department of the Interior
Defense Minerals Exploration Administration

Operators unit cost and Progress Report
Narrative.

During the month we made about 4 feet per round drilled out of which we got about 15 cubic of muck per round. We have drilled 10 holes per round ~~out of which~~ and used 33 sticks of 40% powder per round.

The ground has been very much checkered with small seams of gouge and quartz. I sent in two samples from the gouge, it carries small amounts of gold silver & copper but not enough to be of any importance. I intend to assay the largest seam for platinum.

I have deviated some from the course we have been going, as I want to cross cut the fissure as I believe the next round will drill into it and the quartz stringers at this point are well mineralized.

Sincerely
Elmer L. Allen

10/12/54 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
September 17, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Elmer L. Allen Property, Sanders County, Montana, Docket No. DMEA 2103 (copper), Contract Idm-E423

The Elmer L. Allen property was visited September 14, 1954. Mr. Elmer Allen, Operator, was at the property on the day of the visit.

Advance since the visit of August 13, 1954 was mapped. The Operator started a new heading 8 feet back from the face as shown on the sketch submitted with the inspection report of August 13. This heading was advanced 32 feet on a bearing of S. 40° E. The rate of advance has increased since the Operator started this new drift as he has had no difficulty with caving ground.

Mr. Allen has employed Kenneth Browning to work with him on the exploration program. Mr. Browning will be paid $6.00/shift plus a 25% interest in any ore that is opened up by the exploration work.

The Operator is using a 10 hole V-cut round in his advance and uses 33 sticks of 40% Illinois Powder Co. Gold Medal powder per round. Two days are required to drill, pull and muck a 4' round. Approximately 5 gallons of gas is used in the compressor for every round drilled.

The expiration date of the contract is October 27, 1954. The Operator will not be able to complete the exploration work as outlined under the contract on the above date and will need an extension of time. As the contract will have been in force 24 months on October 27, 1954, an amendment to extend the completion date must be prepared in Washington. A 3 months extension should allow the Operator sufficient time to complete the work as outlined in the contract.

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he

W. S. Anderson

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

Budget Bureau No. 42-R1036.5

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 24 1954

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

Month of Aug., 1954 Docket No. DMEA 2103 Contract No. IdmE 423
Operator's Name Elmer L. Allen Minerals Copper
Address Dyar Montana
Contract Amount, $ 10800.00 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
2) Tunnel Rehabilitation Building		516	516		516.00	516.00
Crosscutting	450	3390	3840	450.00	3390.00	3840.00
Drifting						
1) Tunnel Rehabil. Total		1431	1431		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	450	5337	5787	450.00	5337.00	5787.00

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

Date Sept 5 *Payee Elmer L. Allen

Per Same Title Operator

*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:

$225.00

Signature MJP
(Authorized Certifying Officer)

Date 9/17/54 Vou. No. 1279
(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. E423 in accordance with the terms of the contract.

Signature /s/ Webster S. Anderson Title Mining Eng. Date 9/16/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W. Zoldok Title Mining Eng. Date 9/16/54

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-R

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 24 1954

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

Month of Aug 1954 Docket No. DMEA 2103 Contract No. Idm.I-423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana

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	FT	450.00	15	3848	128	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
2) Tunnel Rehabilitation	FT			516	43 FT	12.00		
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tunnel Rehabilitation	FT			1431	~~138~~ 318	4.50		
Total Distributed Costs		450	15 FT	5787				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		450	15 FT	5787				

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 Sept 5th 1954 Operator Elmer L. Allen

Per Same Title Operator

Remarks: After Mr. Anderson was here in Aug I pulled back about 20 ft and placed timbers and timbers cause of 35% E of S assuming [illegible] Mr. Judge! Should was to left [illegible] that I decided I was not going to get paid for the work so made a report for both months when I got the check that to verify this report which was caused by delay in [illegible] in sampling it ing

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

Department of the Interior
Defense Minerals Administration
RECEIVED
SEP 27 1954

Dixon Montana
Sept. 15th 1954

Defense Minerals Exploration Administration
Field Team No. II
Spokane Washington

Re; Docket No. D.M.E.A.-2103 (Copper)
Elmer L. Allen
Sanders County, Montana
Contract No. IDM E423

Dear Sirs; In compliance with Mr. Anderson's suggestion, I am herewith sending in a supplementary narrative of the work done for the month of August 1954.

When Mr. Anderson was here in August it was found that I had taken too much of a circular route and had drifted back into the main fissure where the ground was very loose and still in the cave area.

At Mr. Andersons suggestion I drew back 15 or 20 feet from the face and started the drift on a Brunton course of 35 % degrees East of South.

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SEP 21 1954
U. S. G. S.
SPOKANE, WASH.

to straighten out the cause, it required two slab rounds, and two or three regular rounds to bring me up to the footage I had already made, plus two or three set of timber, the ground was very blocky and we had considerable over breakage.

However the ground tightened with a good wall on the right as south, during the month of Sept. up to date I have had to use no timber.

Respectfully -
Elmer F. Allen -
Dixon Montana

July

old cause to be worked

Cause of 55% East of South

Gauge

RECEIVED
SEP 21 1954
U. S. G. S.
SPOKANE, WASH.

xxxxxxxxxxxxxxxxx

1201 N. Division St.
Spokane 2, Washington
August 24, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Interim inspection, Docket No. DMEA 2103 (copper), Elmer L. Allen Property, Sanders County, Montana, Contract Idm-E423

The Elmer L. Allen property was visited August 13, 1954, accompanied by Chim Ran Lou, foreign trainee from Formosa. Mr. Elmer Allen, Operator, and his son were working at the property on the day of the visit.

The Operator has completed 37 feet of advance since the previous visit of July 1, 1954. A sketch is attached showing the work completed.

As is evident from the sketch, the Operator has had difficulty in trying to drift on the vein because the vein material sloughs very readily. Whenever he swings the drift to intersect the vein he has difficulty with caving ground. As a result, a new heading must be started to bypass the caved area.

It was recommended to the Operator that he start a new heading approximately 10 feet back from the present face and to run this heading on a bearing of S. 35° E. which would parallel the vein. From this drift he could crosscut to the vein after 50 feet of advance. If, at this point, the vein would stand well enough to drift on, further drifting could be on the vein. If not, the heading should be run parallel with the vein and crosscuts driven to check the vein at intervals of 30 feet.

The downward projection of the surface exposure in the northernmost pit should be intersected after approximately 89 feet of advance on a bearing of S. 35° E. from the present face.

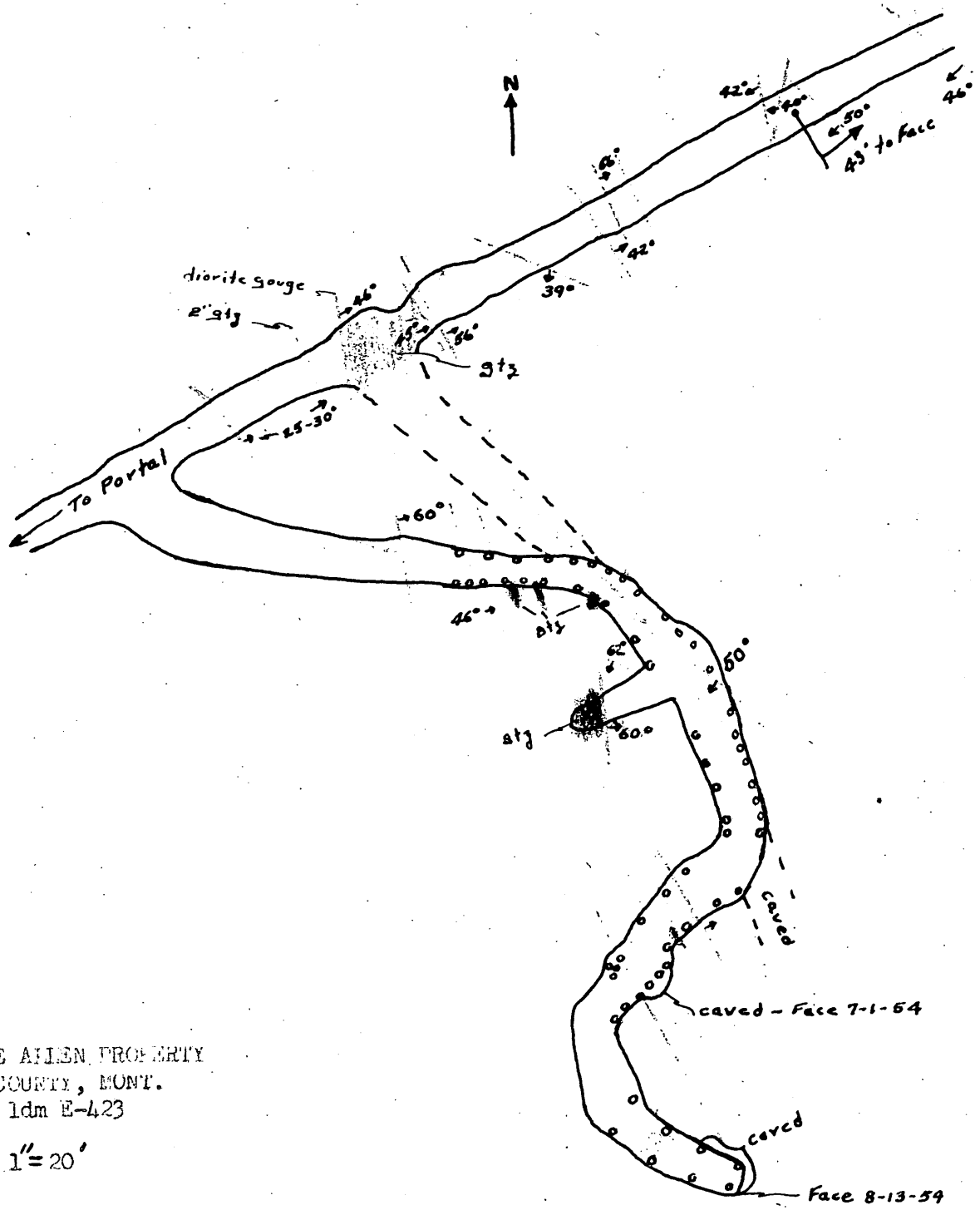
On July 14, 1954, the Operator purchased a Gardner-Denver 105 cfm portable compressor, 2 Chicago Pneumatic jackhammers, and 150 feet of air hose for a total cost of $1200.00. Mr. Allen stated

that he purchased the equipment for $400.00 down with the balance to be paid in monthly installments. The equipment was purchased independent from the exploration project contract as no funds were allotted for equipment.

Progress and workmanship have improved since the last inspection and if Mr. Allen follows the recommended bearing instead of swinging back to the vein, he should be able to maintain a constant rate of advance.

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/he



ELMER & JESSIE ALLEN PROPERTY
SANDERS COUNTY, MONT.
CONTRACT ldm E-423

Scale 1" = 20'

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

9-7-54
C.W.

Month of July, 1954 Docket No. DMEA 2103 Contract No. Idm-E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon, Montana
Contract Amount, $ 1080.00 Government Participation: 50% Amount, $ 540.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
(2) Tunnel Rehabilitation ~~Bulldozing~~		516.00	516.00		516.00	516.00
Crosscutting	900.00	2490	3390.00	900.00	2490.00	3390.00
Drifting						
Tunnel Rehabilitation 100%		1431.00	1431.00		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	900.00	4437	5337.00	900.00	4437.00	5337.00

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

Date Aug 2nd 1954 *Payee Elmer L. Allen

Per Same Title Operator

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

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

(Instructions on reverse)

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

$ 450.00

Signature MJP (Authorized Certifying Officer)

Date 8/25/54 Vou. No. 1250 (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. E423 in accordance with the terms of the contract.

Signature /S/ Webster S. Anderson Title Mining Engr. Date 8/17/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Goldsk Title Mining Engr. Date 8/18/54

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 July 1954 Docket No. DMEA 2103 Contract No. Idm-E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dillon Montana

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	FT	900.00	30	3390	113	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping Trench - Rehabilitation								
Trenching	FT			516.00	43 FT	12.00		
Test Pits								
Roads and Trails								
Tunnel Rehab - Rehabilitation				1431	318	4.50		
Total Distributed Costs		900.00	30 FT	5337				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		900.00	30 FT	5337				

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 Aug 2nd 1954 Operator Elmer L. Allen

Per Same Title Operator

Remarks: Started Crosscut into the wall to the south of the fissure where I had previously been held up with the lens 15 ft. and drift into a gauge - or step which I followed 15 ft. and which run into the main fissure again at which point I am now at. Since getting a compressor and air blower I have been averaging 2 ft. per shift

→ 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

8/4/54 gh

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

1201 N. Division St.
Spokane 2, Washington
July 6, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 2103 (copper), Elmer L. Allen property, Sanders County, Montana, Contract Idm-R423

The subject property was visited July 1, 1954. Mr. Elmer Allen, Operator, was present at the property during the visit. He stated that he had started work under the contract on June 5, 1954 after an approved recess of operations since November 10, 1953.

Total advance for the month of June was 3 feet of crosscut. The Operator stated that he had spent most of the month catching up a cave in the face of the crosscut.

Total work completed under the exploration project contract to date is as follows:

318 feet of initial rehabilitation
86 feet of crosscutting
45 feet of rehabilitation of caved drift

The Operator has no compressor at the property but states that he is making arrangements to rent one. Hand steel was used to drill the round for the 3 feet of advance in June.

It is believed that the Operator does not have sufficient funds to carry on the work and is depending on funds provided by the Government to cover expenses.

Progress under the contract has been very unsatisfactory, and workmanship is not up to standard.

It is recommended that the contract be terminated unless progress and work standards for the month of July show a decided improvement.

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/B
AD
WSA/he

W. S. Anderson

4 (Rev.)
1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

W

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1954 Docket No. DMEA 2103 Contract No. Id M.E 423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana
Contract Amount, $ 10800. Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
(2) Thermal Rehabilitation ~~Bulldozing~~		516.00	516.00		516.00	516.00
Crosscutting	90	2400.	2490	90.00	2400.00	2490.00
Drifting						
Thermal Rehabilitation		1431	1431		1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	90.00	4347	4437	90.00	4347.00	4437.00

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

Date July 5 1954 *Payee Elmer L. Allen

Per Same Title Operator

*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:

$ 45.00

Signature MDP
(Authorized Certifying Officer)

Date 7/20/54 Vou. No. 1215
(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. E423 in accordance with the terms of the contract.

Signature /S/ Webster L. Anderson Title Mining Engr Date 7/12/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr Date 7/14/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

[redacted]04A
[redacted]52)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1954 Docket No. DMEA 2103 Contract No. Idm-E423
Operator's Name Elmer L. Allen Minerals Copper
Address Dixon Montana

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	FT	90	3	2490.00	83	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
~~Test Pits~~ Tunnel Rehabilitation	FT			516.00	43 FT	12.00		
Roads and Trails Tunnel Rehabilitation				1431.00	318	4.50		
TOTAL DISTRIBUTED COSTS		90	3 FT.	4437				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		90		4437				

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

Date July 1st 1954 Operator Elmer L. Allen
Per Elmer L. Allen Title Operator

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)

REMARKS: I have had a hard time getting through a fault and cave that due to a combination of poor wall stall on one side and very thick wall on the other down which came quite sand which up like water, followed by large boulders. However I have complete up sufficient to get into the wall, and have a about seven ft. to my credit for July. I have made a contract with a Jack Hense and Kenneth Browning to work with me and furnish their equipment but so far they have not furnished the equipment. If it is not on the road today I will make arrangements

INSTRUCTIONS

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

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

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

GPO 83-38475

"48/53 gla

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

XXXXXXXXXXXXXXXX
N. 1201 Division Street
Spokane 2, Washington

Department of Interior
Geopod Minerals
RECEIVED
NOV 16 1953

October 30, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, U. S. Bureau of Mines

Subject: Routine inspection, Elmer & Jessie Allen property, Sanders County, Montana, Contract No. I4m-B423, Docket No. DMEA 2103 (copper)

The subject property was visited October 27, 1953. Mr. Elmer Allen, operator, was at the property during the visit. The crosscut has been advanced 9 feet S53°W since the visit of September 24, 1953, intersecting the footwall of the quartz vein. The operator then started drifting on the vein and advanced 3 feet on a bearing of S20°E. This advance on the vein required spilling as the ground would not hold long enough to place timber.

Total work completed under the exploration project contract to date is as follows:

318 feet of initial rehabilitation
83 feet of crosscutting
43 feet of rehabilitation of caved drift

The operator had returned the compressor and drifter, which he was renting, to the owners in Missoula, Montana, and at the time of the visit was mucking out a cave in the face of the crosscut. He was uncertain as to how long he would continue work at the property this fall. In view of the fact that he has removed the compressor and drifter from the property the only work that he could do would be to catch up the cave in the face of the crosscut.

It is anticipated that work under the exploration project contract will be recessed within the next two weeks and not started again until spring when weather conditions permit.

As the expiration date of the subject contract was October 27, 1953, a letter has been written to Mr. Allen requesting what his plans are for completing work authorized under the contract. If Mr. Allen is going to continue work next summer an amendment allowing an extension of time will be required.

Progress during the last month has been slow and the operator was informed that a satisfactory rate of advance must be maintained in future work under the contract.

Distribution:
Orig. & 3 cys - Wash.
WSCB (2)
NSRA
MD
AD
WRA/Sw

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

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

Wash

700

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

Month of Sept 1953 Docket No. DMEA 2103 Contract No. Id M-E423
Operator's Name Elmer L. Allen & Irene M. Allen Minerals Copper
Address Dixon Montana
Contract Amount, $ 10800.00 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling ~~43 ft @ $12~~						
~~Bulldozing~~ Tunnel Rehabilitation	516.00	00	516.00			
Crosscutting 20 ft @ 30	600.00	1800.00	2400.00			
Drifting						
Tunnel Rehabilitation		1431.00	1431.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1116.00	3231.00	4347.00	1116.00	3231.00	4347.00

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

Date Oct 1st 1953 *Payee Elmer L. Allen & Irene M. Allen

Per Elmer L. Allen Title Operator

*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:

$ 5400.00

Signature (Authorized Certifying Officer)

Date 10/16/53 Vou. No. 936

(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. E423 in accordance with the terms of the contract.

Signature /S/ Webster S. Anderson Title Mining Engr Date 10/5/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E. Howard Title Mining Engr Date 10/5/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Sept 1953 Docket No. DMEA 2103 Contract No. IDM-E 423
Operator's Name Elmer L. Allen & Jessie M. Allen Minerals Copper
Address Dixon Montana

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	FT	600	20	2400	80	30.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits Tunnel Rehab - Adation	FT	516.00	43	516.00	43 FT	12.00		
Roads and Trails								
Tunnel Rehab - Adation	FT			1431.00	318	4.50		
TOTAL DISTRIBUTED COSTS		1116.00		4347.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1116.00		4347.00				

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

Date Oct 1st 1953 Operator Elmer L. Allen & Jessie M. Allen

Per Elmer L. Allen Title Operator

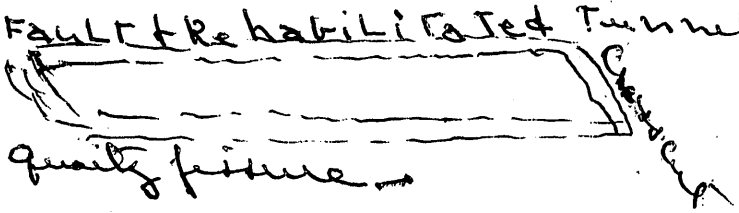
→ NOTE.—Title 18, U. S. Code (Crimes), section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

(Instructions on reverse)

REMARKS: Due to family trouble my memory quit me so I did without help a good part of the month after starting drilling again. My machine threw down which further delayed me. We followed the old tunnel along the fault and then crosscut to the tunnel to the quartz fissure which we will now follow. I would appreciate if you would send me the address of the assay office of the Bureau in Spokane as I would like to keep a check on the rock from now on -

(For Government use only)

Fault Rehabilitated Tunnel



INSTRUCTIONS

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

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

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

GPO 83-38475

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

RECEIVED
OCT 6 1953

1201 N. Division St.
Spokane 2, Washington
September 28, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines, and Howard Nickelsen, Geologist, U. S. Geological Survey

Subject: Routine inspection, Elmer and Jessie Allen Property, Sanders County, Montana, Contract No. 1dm-2423, Docket No. DMEA 2103 (copper)

The subject property was visited September 24, 1953. Mr. Elmer Allen and one miner were at the property during the visit.

The drift, which was intersected by the crosscut, has been rehabilitated for a distance of 45 feet and a crosscut driven 11 feet on a bearing of S. 53° W. The vein was intersected in the face of the crosscut and the Operator was advised to cut through the vein to determine its width and then to start drifting on the vein.

Mr. Allen has been having labor trouble as Mr. Knobe, miner at the property, has been away for the past two weeks. Mr. Allen stated that he secured another miner and will also try to get Mr. Knobe to return so that he will have two miners working with him in order to speed up advance in future work.

The expiration date of the contract is October 27, 1953 and it is thought that Mr. Allen will not be able to complete the work outlined under the project by that date. An extension of time will probably be required.

Work completed to date under the contract is as follows:

318 feet of initial rehabilitation
71 feet of crosscutting
45 feet of rehabilitation of caved drift

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
WSA/hc

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

700 mds
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT - 8 1953

1201 N. Division St.
Spokane 2, Washington
September 11, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Elmer and Jessie Allen property, Sanders County, Montana, Contract No. Idm-2423, Docket No. DMEA 2103 (copper)

The Elmer and Jessie Allen property was visited August 27, 1953. Mr. Elmer Allen, Operator, and Mr. Knabe, miner, were at the property during the inspection.

USBM No. 335 was placed on a sprag in the northwest wall of the main crosscut at USBM No. 301 + 93.3 feet for a measuring point.

The crosscut to bypass the caved drift on the vein has been advanced 53 feet since the last visit for a total advance under the contract of 60 feet. The crosscut intersected the old drift on the vein as shown on the attached sketch. The floor of the drift was covered with large slabs which had sloughed from the back, but was open enough to permit entry.

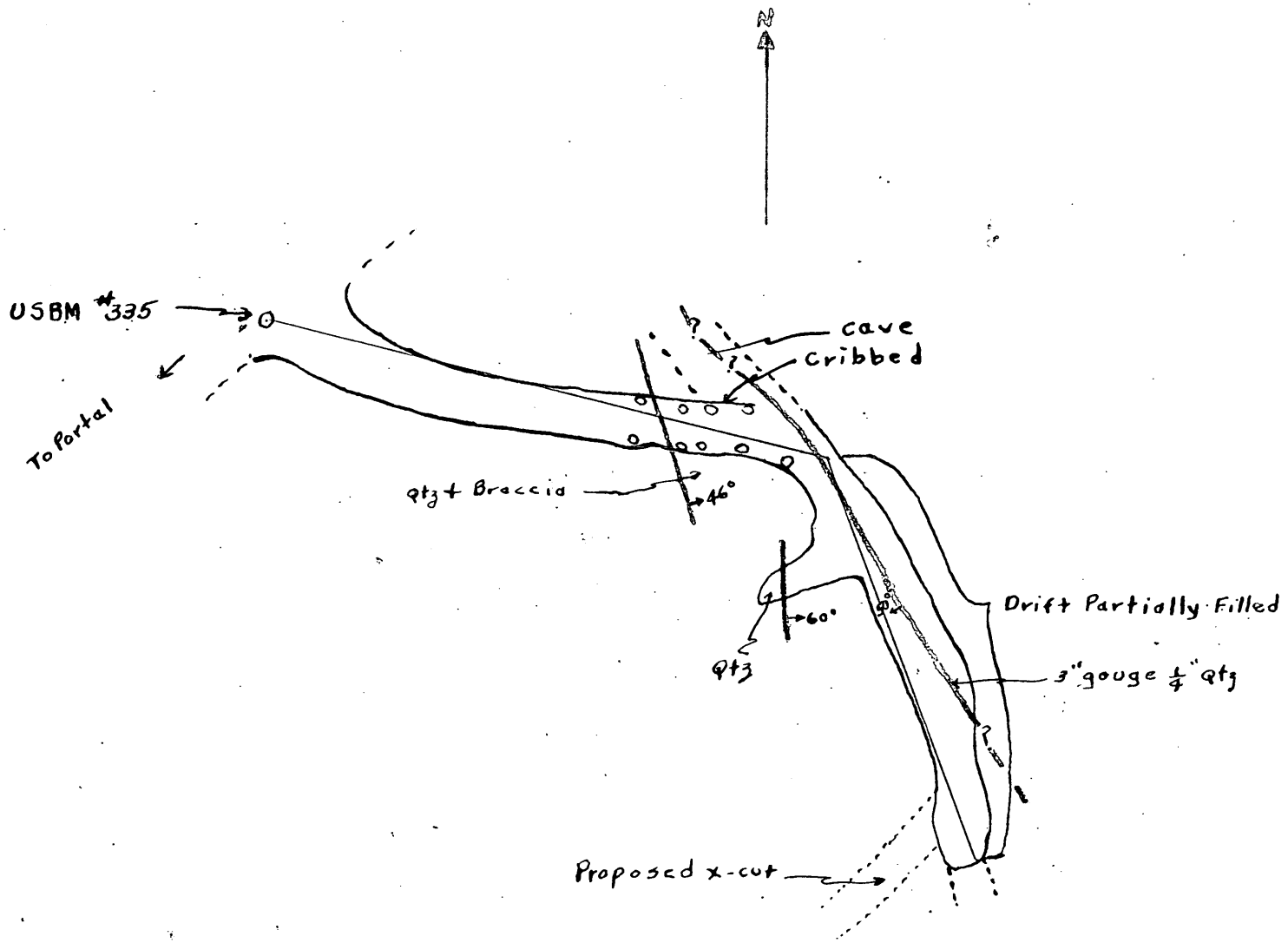
It is recommended that the drift on the vein be rehabilitated and a crosscut driven to the vein as shown on the sketch. The drift can be rehabilitated for a cost of $12/ft. for 45 feet and then a crosscut driven southwest to the vein. This 45 feet of advance at $12/ft. will leave more funds for further advance to the southeast on the vein.

Amendment No. 1 was written to allow this rehabilitation and has been forwarded to the Washington, D.C. office for approval.

The Operator had driven some of the crosscut only 4x7 feet in the clear, and he was told that the contract specified 5x7 feet in the clear for drifts and crosscuts and they should be carried as such.

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
N/D
WSA/he



Elmer + Jessie Allen Property
Sanders County, Montana
Contract Idm-E423
scale 1" = 20'

Tape + Compass Survey by W.S.A.
8-28-53

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

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

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

Month of August, 1953 Docket No. DMEA 2103 Contract No. I.D.M.E 423
Operator's Name Elmer L. Allen & Jessie M. Allen Minerals Copper
Address Deer Lodge Montana
Contract Amount, $ 10800.00 Government Participation: 50 % Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	1290	510	1800.00	1290.00	510.00	1800.00
Drifting						
Jumbo & Rebrab - 3045		1431.00			1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1290.00	1941.00	3231.00	1290.00	1941.00	3231.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Sept 1st 1953 Payee Elmer L. Allen & Jessie M. Allen
Per Elmer L. Allen Title Operator

*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:

$ 645.00

Signature [illegible]
(Authorized Certifying Officer)

Date 9/1/53 Vou. No. 898
(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. E423 in accordance with the terms of the contract.

Signature /s/ Webster S Anderson Title Mining Engr Date 9/10/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Thomas E Howard Title Mining Engr Date 9/10/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 2103 Contract No. IDME 423
Operator's Name Elmer L. Allen & Jessie M. Allen Minerals Copper
Address Dixon Montana

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	300 ft							
Crosscutting	~~43 ft~~	1290	43 ft	1800.00	60	30.00	300	
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Tunnel Rehab.	30 ft			1431.00	318	4.50		
TOTAL DISTRIBUTED COSTS		1290.00	43 ft	3231.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs				~~1431.00~~				
New Buildings, Improvements, etc.								
TOTAL COSTS		1290.00		3231.00				

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

Date Sept 1st 1953 Operator Elmer L. Allen & Jessie M. Allen

Per Elmer L. Allen Title Operator Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

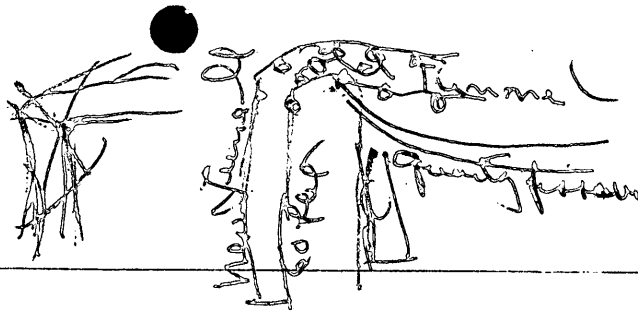
INSTRUCTIONS

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

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

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

GPO 83-38475



Dixon Montana
Sept. 8th 1953

United States Department
of the Interior
Bureau of Mines
1201 North Division Street
Spokane 2 - Washington

Dear Sir;

I hope this will serve both as a letter and narrative.
After running 60 ft. of new tunnel. We ran into the old tunnel, as shown by the map. Apparently the old tunnel had been driven ahead, after the

survey points had been made, which I had pointed out to Mr. Campbell of the geological survey. The by measurement with Mr Anderson the old tunnel was in about 60 ft. from where we broke into it. Mr Anderson said he would have to get an allowance adjustment on the price paid for the rehabilitating the old tunnel so I have delayed sending in my footage for the month. I intend to send it in today. hoping your office will make

the extensions necessary for my pay as I will need the money to carry me through for the prints. If this adjustment has not already been made it is my opinion that the cost for the first 30 ft should be the same as drifting $30.00 per foot because it has taken a great deal of labor and time to catch it up. And the cost of the last 30 ft in the tunnel should be the same as the original schedule station price of $4.50 per foot.

I will start drifting again in a couple of days. I will turn off the fault which the old Tunnel is on and turn onto the quartz fissure.

Resp.

Elmer L. Allen

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
XXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
August 7, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection Elmer and Jessie Allen property, Sanders County, Montana, Contract Idm-2423, Docket No. DMEA 2103 (cu)

The Elmer and Jessie Allen property was visited Thursday, July 29, 1953. Mr. Elmer Allen, his son and one miner were working at the property at the time of the visit.

The crosscut to bypass the cave in the drift on the quartz vein has been started at USBM No. 301 plus 97 and is carried on a bearing of S 55° E. Apparently the Operator has spent most of the month getting equipment into the property as there has been only seven feet of advance in the crosscut to date.

The Operator is using a hand-cranked drifter on a bar for drilling. The operations to date have not been efficient or well planned, but Mr. Allen stated that he had just hired the miner and expected at least a three foot advance per shift.

W. S. Anderson

cc: Orig. & 3 cys - Wash.
USGS
DMEA
M/D
WSA:mp

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 17 1953

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

Month of July 1953 Docket No. DMEA 2103 Contract No. DME 423
Operator's Name Elmer L. Allen and Jesse M. Allen Minerals Copper
Address Dupuyer, Montana
Contract Amount, $ 10,800 Government Participation: 50 % Amount, $ 5,400

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	510	none	510	510.00		510.00
Drifting						
Tunnel Rehab.					1431.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs		1431.00				
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	510	1431.00	510	510.00	1431.00	1941.00

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

Date Aug. 3, 1953 *Payee Elmer L. Allen and Jesse M. Allen

Per _____ Title Operators

*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:

$ 255.00

Signature _____
(Authorized Certifying Officer)

Date 8/12/53 Vou. No. 856
(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. 423 in accordance with the terms of the contract.

Signature S/ W. S. Anderson Title M. Engineer Date 8/7/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature S/ T. E. Howard Title M. Engineer Date 8/7/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 27 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 195 3 Docket No. DMEA Contract No. I.D.M.E 423
Operator's Name J. Elmer L. and Jessie M. Allen Minerals Copper
Address Dixon, Montana

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	17 ft.	255	17 ft.	255				
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs				1431.00				
New Buildings, Improvements, etc.								
TOTAL COSTS		255	17 ft.	1686.00				

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

Date Aug. 3 Operator Elmer L. Allen / Jessie M. Allen
Per Elmer L. Allen Title operators

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

RECEIVED
BUREAU OF MINES
AUG 7 - 1953
SPOKANE, WASH.

RECEIVED
AUG 7 1953

Dixon, Montana
Aug. 3, 1953

Subject: Monthly Operating Report
for July, 1953
Contract I.D.M.E 423

United States Department of the Interior
Defense Minerals Exploration Administration
1201 N. Division St.
Spokane, Washington
Field Team, Region II

Dear Sirs: A low footage report this month is due to a late start in drilling operations. This was due to several contributing factors, i.e. arranging for machinery and procuring same at a later date than expected; a change in plans due to a necessary shift in the course that was first set up for me to follow.

Since getting started I have averaged about 3½ ft. per day. If I find it necessary to make up the loss in time to complete the work, I will hire additional help.

Carrying out plans as outlined by Mr.

Anderson, of your office, we started the cross cut 30 ft. back from the caved-in drift and we are going at an angle of 55 degrees south to cross-cut the fissure about 80 ft. from our starting point.

Costs to date have been: $265 rental a month for a compressor and drilling machine, $100 for accessories, powder etc.

I am paying Dick Knobe, a miner, at the rate of five dollars per foot, to assist me in the work here. He is a resident of Dixon, Montana.

Respectfully,
Elmer L. Allen
Dixon, Montana

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

1201 N. Division St.
Spokane 2, Washington
July 13, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Routine inspection of the Elmer and Jessie Allen property, Sanders County, Montana, Contract No. Idm-E423, Docket No. DMEA 2103 (copper)

The subject property was inspected June 24, 1953, accompanied by Mr. Elmer Allen, one of the partners.

The crosscut has been rehabilitated to USBM #301 + 90' for a total of 275 feet of rehabilitation since the initiation of work under the exploration project contract.

The crosscut ahead of the quartz vein, which was intersected at USBM #301 + 125', was measured and extends 100 feet beyond the vein and is in diorite for its full length. There is approximately 3 feet of water in the crosscut east of the vein, and the Operator plans on using this water for drilling.

The drift that had been driven on the quartz vein is caved and it is recommended, if the drifting is to be on the vein, that a crosscut be driven to by-pass the cave. It is thought that crosscutting would be less expensive than rehabilitation of the caved portion of the drift as spiling would be required.

W. S. Anderson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
I/D
WSA/he

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

July 6, 1953

Memorandum

To: DMEA Field Team, Region II

From: Arthur B. Campbell, Geologist, Geological Survey

Subject: Docket No. MIA-2103 (copper), Report on Interim Inspection, Elmer E. and Jessie M. Allen property, Sanders County, Montana, Contract Ida-2483

The subject property was visited on June 18, 1953, and a plane table map was made of the surface. The property was again visited on July 3, at which time the cave in the adit had been removed and it was possible to get to the face for the first time.

The cave occurred at a point 310 feet from the portal where a drift on a large quartz vein cut the adit. Inspection of the adit beyond the cave showed no additional mineralization in the diorite country rock. The total length of the adit measured from station 10+00, A (datum in map at portal) is 410 feet.

A section drawn from the plane table data indicates that the quartz vein cut by the adit is probably the vein which carried the copper mineralization further east. The projection of this vein on a known strike and dip from the east shaft to the quartz vein in the adit is not perfect but the lack of mineralization for 100 feet beyond the quartz vein indicates that the vein may have changed attitude slightly in its westward extension.

The operator now plans to crosscut to the east from the adit to intersect the vein beyond the old drift. He reports that this old drift exposed the vein for about 40 feet along strike and found much copper staining in the quartz. It appears that driving the crosscut would be more efficient and economical than attempting to rehabilitate the old drift; however, it is recommended that a representative of the Bureau of Mines evaluate this point as soon as possible and advise the operator.

The adit has been cleaned up and track has been laid in a crude fashion for approximately 310 feet. An inadequate set of

timber had been placed in the area of the cave at the time of my last visit. Apparently the operator has made no plans for the drifting stage of the contract for he still has acquired neither equipment nor manpower for the job. Pipe is on hand at the mine but still must be laid.

The operator's report to the Field Team that the rehabilitation work was complete and that he was waiting for a decision from the Field Team's representatives whether to continue the adit or to drift was grossly exaggerated.

Distribution:
DMEA - [illegible]
USBM (2)
Rocket
Campbell

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

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

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

Month of June, 1953 Docket No. DMEA 2103 Contract No. DME 423
Operator's Name Elmer L. Allen & Josie M. Allen Minerals Copper
Address Dixon, Montana
Contract Amount, $10800.00 Government Participation: 50% Amount, $5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date*	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Tunnel Rehabilitation				810.00	621.00	1431.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs	$810.00	621	1431.00	-0-	-0-	-0-
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	810.00	621	1431	810.00	621.00	1431.00

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

Date July 1st 1953 *Payee Elmer L. Allen

Per Same Title Operator's Partner

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

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

(Instructions on reverse)

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

$405.00

Signature [illegible]
(Authorized Certifying Officer)

Date 7/13/53 Vou. No. 825
(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. E423 in accordance with the terms of the contract.

Signature /S/ Webster Sanderson Title Mining Engr Date 7/6/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E Howard Title Mining Engr Date 7/6/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1953 Docket No. DMEA 2103 Contract No. I.D.M.E 423
Operator's Name Elmer L. Allen & Jessie M. Allen Minerals Copper
Address Dyson Montana

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		810.	180 ft	1431	318 ft	1431		
New Buildings, Improvements, etc.								
Total Costs		810.	180 ft	1431	318 ft	$1431		

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

Date July 1st 1953 Operator Elmer L. Allen & Jessie M. Allen

Per Elmer L. Allen Title Operating Partner

Remarks: 180 ft - Trench laid, 3 sets timber put in. Caved shaft - Cleaned up - Roadwork done -

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

ELMER L. ALLEN- JESSIE N. ALLEN
Contract Idm-E423

NARRATIVE - JUNE 1953

Mr. A. E. Weissenborn, Exec. Officer
U. S. Geological Survey
157 S. Howard St.,
Spokane, Wash.

Mr. Thomas E. Howard, Member
U. S. Bureau of Mines,
1201 N. Division St.
Spokane 2, Wash.

Dear Sirs:

I received the enclosed communication and will answer it to the best of my ability. I thought I had written a small narrative on forms 104A and 104 and that you gentlemen had the other information through Mr. Campbell and Mr. Anderson.

I am not much of a map maker, but think the enclosed map will give a general idea of my work accomplished and intentions. I have cleaned to old tunnel up through the quartz fissure. I have laid rail and put in timber for the 318 feet claimed. There is water back of the caved in drift which I would like to save for drilling although I have already lost part of it.

The quartz drift is caved in tight so far as I can see. It is over ten ft. wide where it was crosscut so that I think it would be expensive to crosscut the end of it with a new drift as shown by the map, and then follow the quartz lead in under the old workings. Surface showings indicate that there might be ore to the right or south of the old workings which the proposed crosscut might catch. I will do this work as you gentlemen see fit, but want to know your reactions right away. If I catch up the sixty feet of old drift, I think I should have at least wages the same as if I was driving a new drift. If you are interested in the cost of material I have been using, I paid $110.00 per ton for used rails, -No more available- and $156.00 per ton for new rails at Missoula, and $28.00 per 100 ft. for 1-1/2" black pipe at Missoula, plus the cost of transportation. I have ample timber on the premises so have only the labor cost on it.

There are a good many tons of iron ore on dump which I would like to have tested for the manganese content. Would it be best to wait until Mr. Anderson comes over again? I have heard, and there is indications, that some of this ore carries considerable manganese.

I would like to have the checks made out to me personally as my wife is not here and it takes time to send it away and get it back. I need this money right wawy to get compressor and supplies. I will have my wife make me out a Power of Attorney to receive the checks. In the meantime,

Respt-
/s/ Elmer L. Allen
Dixon, Montana

-104 (Rev.)
(April 1952)

6/8/53- de

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

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

JUN 2 1953

Month of May, 1953 Docket No. DMEA 2103 Contract No. IDm-E-423
Operator's Name Elmer L. Allen & Jerome M. Allen Minerals
Address Dingo, Idaho
Contract Amount, $ 10800.00 Government Participation: 50% Amount, $ 5400.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Tunnel Rehabilitation				621.00	—	621.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs	621.00	None	621.00	—		—
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	621.00	None	621.00	621.00	—	621.00

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

Date May 26 *Payee Elmer L. Allen

Per Elmer L. Allen Title Operator Boston

*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:
310.50

$ 310.50

Signature [illegible]
(Authorized Certifying Officer)

Date 5/28/53 Vou. No. 770
(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-423 in accordance with the terms of the contract.

Signature /S/ Webster S. Anderson Title Mining Engr. Date 5/27/53

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Thomas E. Howard Title Mining Engr. Date 5/27/53

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1953 Docket No. DMEA 2103 Contract No. IDME 423
Operator's Name Elmer L. Allen & Jesse M. Allen Minerals Copper
Address Dixon Montana

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								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs		$621.00	138 ft	$621.00				
New Buildings, Improvements, etc.								
Total Costs								

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

Date May 26 of 1953 Operator Elmer L. Allen, Jesse M. Allen

Per Elmer L. Allen Title Operator - Partner

Remarks: 138 ft. of Rail laid and drift made usable for this Delaney.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

6/4/53-db.

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

May 21, 1953

Memorandum

To: DMEA Field Team, Region II

From: A. B. Campbell, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-2103 (Copper), Interim report, Allen property, Sanders County, Montana, Contract No. Idm-E423

I visited the subject property on May 18 in the company of Mr. Elmer Allen, operator of the property. This was the first time I had seen the property, and my visit was mainly to meet the operator and to familiarize myself with the geologic setting of the deposit. I was impressed by the relatively difficult access to the property by nearly eight miles of steep, "good weather" dirt road and also by the lack of any source of water at the property. Both of these factors will have considerable bearing upon the economic feasibility of mining in the immediate area.

The Operator has just started to rehabilitate the adit and will be so engaged for some time. Before drifting is started on any structure in the rehabilitated crosscut, there should be a more careful evaluation made of the possible location of the downward extension of the copper-bearing vein seen at the surface. I now plan to spend some time at the property around June 5 making a plane table map of the ground so that sections can be constructed more accurately.

Distribution:
DMEA (Orig. & 3)
USBM (2)
Docket
Campbell

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D. C.~~
1201 North Division Street
Spokane 2, Washington

May 11, 1953

MEMORANDUM

To: DMEA Field Team, Region II

From: W. S. Anderson, Mining Engineer, Bureau of Mines

Subject: Initial inspection, Elmer L. and Jessie M. Allen property, Sanders County, Montana, Docket No. 2103, Contract Idm-E42, (copper)

The subject property was visited May 6, 1953. Mr. Elmer Allen and Mr. Frank Allen were at the property at the time of the visit.

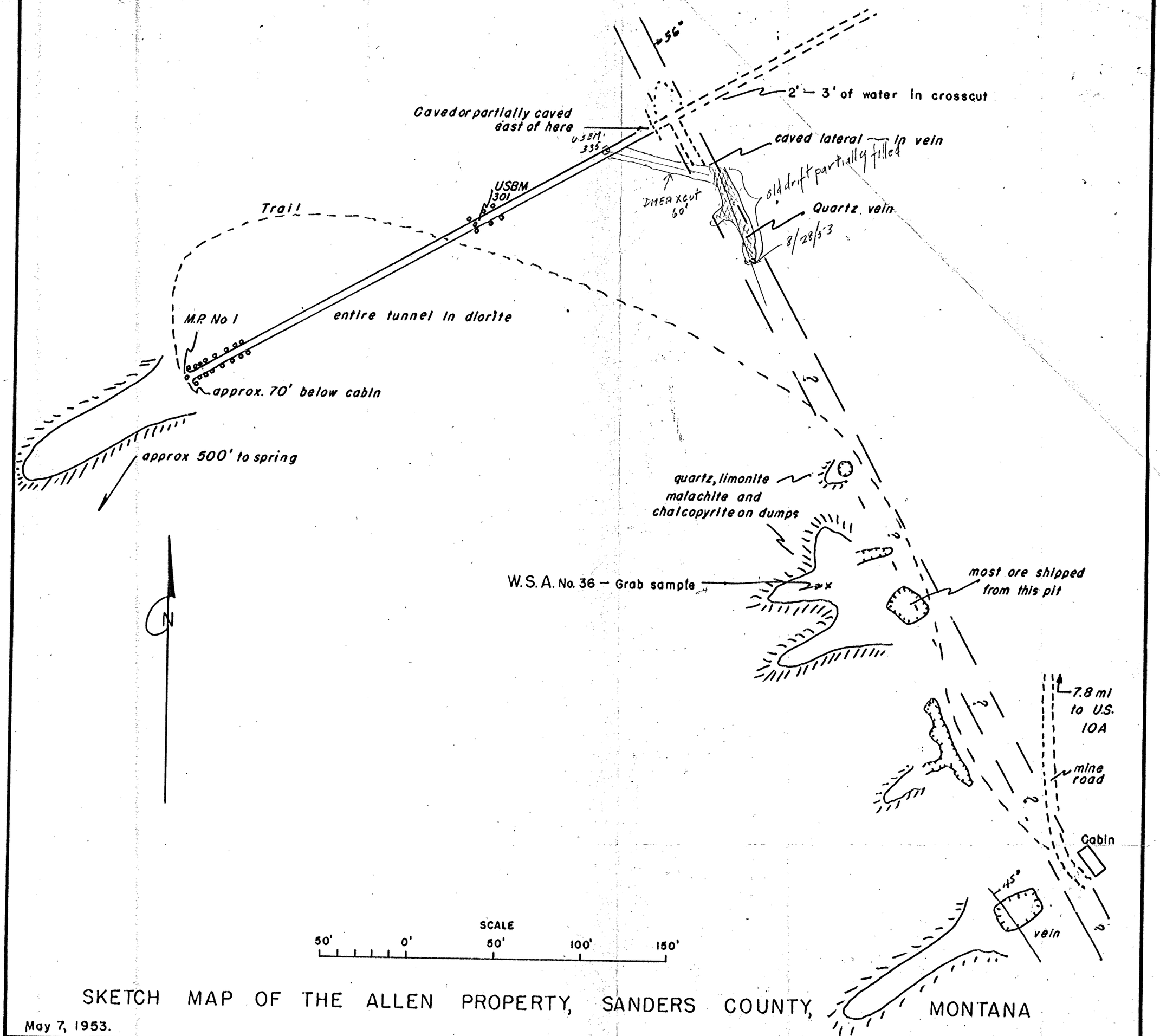
Elmer Allen started work at the property April 27, 1953. His work to date has consisted of hauling in materials and supplies, and constructing a road from the forest service road to the adit of the crosscut.

The crosscut was measured and USBM #301 was placed on a cap of a timber set at MP #1 (nail in cap at portal) + 185'. At USBM #301 + 117' there is a cave in the crosscut but Mr. Allen had removed enough material so that it was possible to crawl past the cave. There is approximately 3 feet of water in the crosscut beyond the cave and the back was in bad condition so further inspection was deemed hazardous. From USBM #301 + 125' to USBM #301 + 138.5', the crosscut intersects a quartz vein which dips approximately 56° to the northeast and strikes approximately at right angles to the crosscut. A lateral had been driven on the vein to the southeast and it was filled with caved material. A sketch is attached showing location of quartz vein and lateral driven on it.

It is suggested that a field team representative from USGS examine the property as soon as possible for at the time of the preliminary examination the vein was not accessible and information now available suggests that rehabilitation should only be carried to the vein and drifting then initiated on the vein.

W. S. Anderson

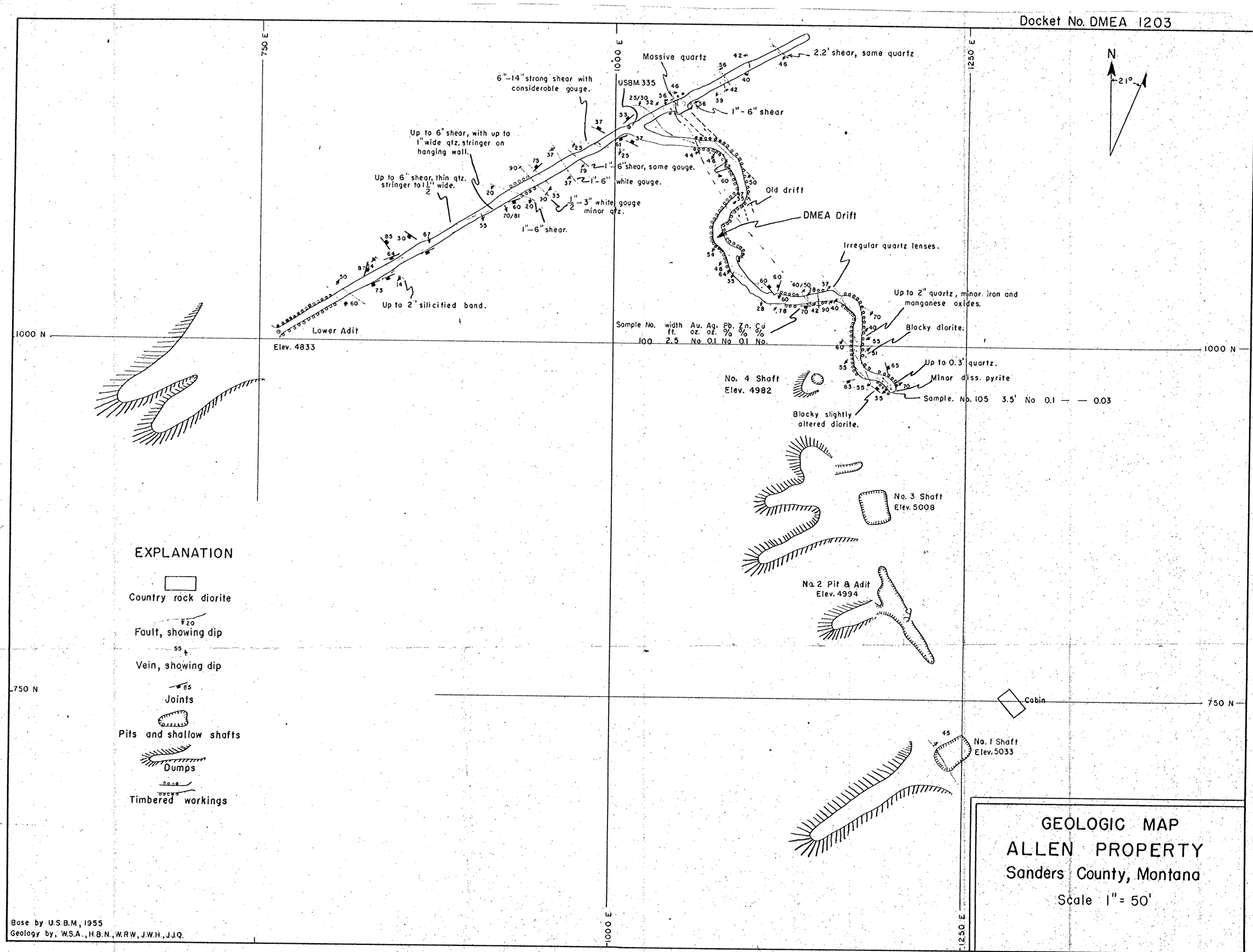
Orig. & 3 - Wash.
USGS - 2
DMEA
F/D
WSA/vf



SKETCH MAP OF THE ALLEN PROPERTY, SANDERS COUNTY, MONTANA

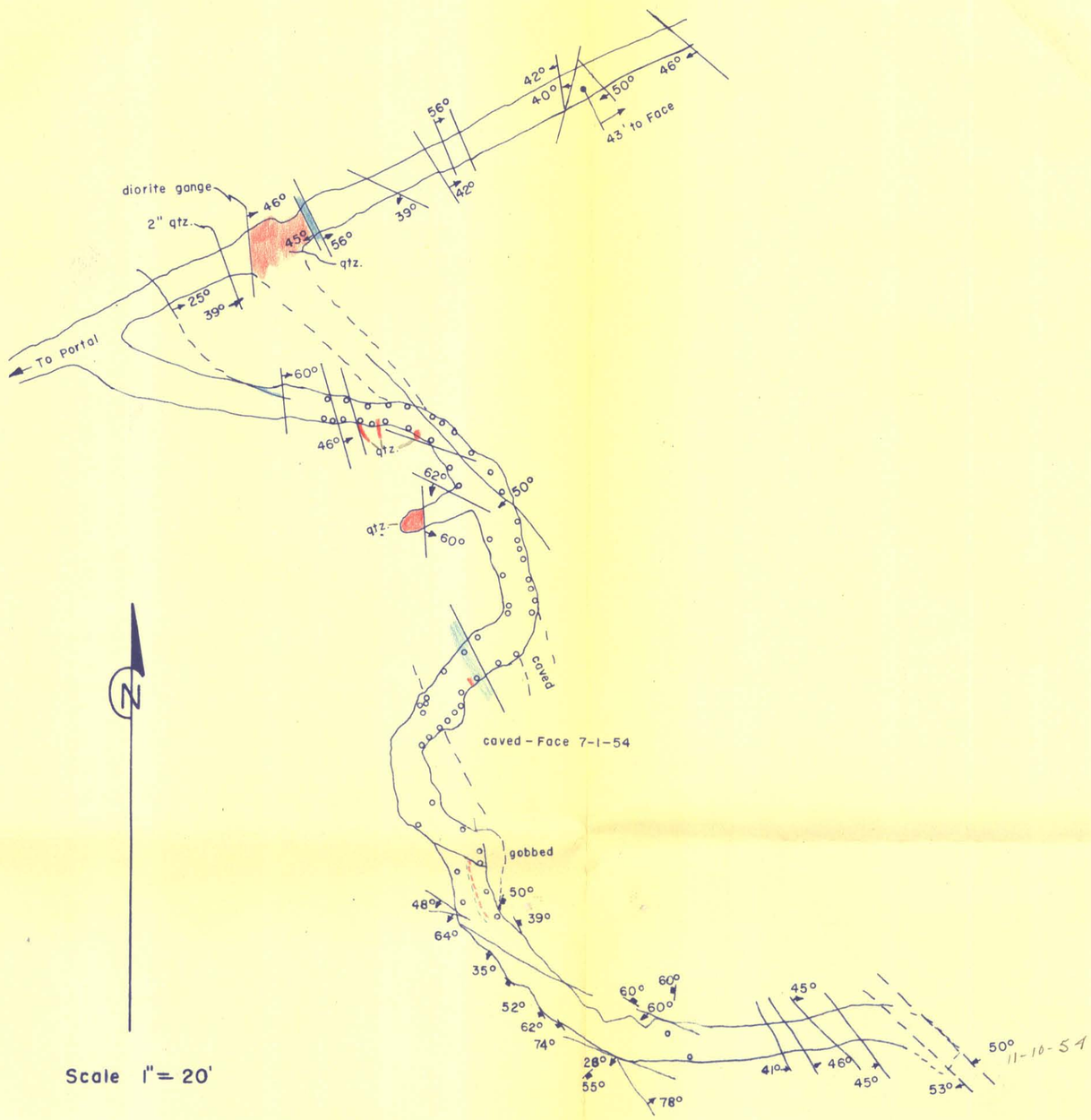
May 7, 1953.

Docket No. DMEA 1203



GEOLOGIC MAP
ALLEN PROPERTY
Sanders County, Montana
Scale 1" = 50'

Base by U.S.B.M., 1955
Geology by, W.S.A., H.B.N., W.R.W., J.W.H., J.J.Q.


diorite gange
2" qtz.
46°
45°
56°
qtz.
25°
39°
To Portal
60°
46°
qtz.
62°
50°
qtz.
60°
caved
caved - Face 7-1-54
gobbed
48°
64°
50°
39°
35°
52°
62°
74°
28°
55°
78°
60°
60°
60°
45°
41°
46°
45°
53°
50°
11-10-51
56°
42°
39°
42°
40°
50°
46°
43' to Face
N
Scale 1" = 20'