November 6, 1959

Memorandum

To: E. D. Talbert, Office of Minerals Exploration, Interior Building, Washington 25, D. C.

From: Administrative Assistant, Morris, Tennessee

Subject: Monthly report and voucher

We are enclosing two copies of the following monthly report and voucher:

14-23-090-2001 Dorroh-McCormick
Docket No. OME-6011
5th and final payment - month of September
Completion Date: 9-30-59
Amount $900.00

Helen R. Miller

Attachments
/hhm
R. A. Laurence
V. J. Lynch
Morris files
Day files

EXTRA COPY
O. M. E.
RECEIVED NOV 9 1959

DATE	INITIALS	CODE
11/9	[illegible]	110
11/12	[illegible]	500

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

Budget Bureau No. 42-R1036.5

Final

NOV 9 1959
PAID ON VOUCHER AND SCHEDULE OF PAYMENTS
N = 6

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

Month of September 1959 Docket No. ~~DMEA~~ OME 6011 Contract No. 2001
Operator's Name Dorroh - McCormick Minerals Mica
Address 511 Citizens Bank Bldg., Lexington, Kentucky
Contract Amount, $ 8,464.00 Government Participation: 50% Amount, $ 4,232.00

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 50 Lin. Feet	$1800.00	$1800.00	$3600.00	1800.00	1800.00	3600.00
sinking shaft 100 ft.		4750.00	4750.00		4750.00	4750.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1800.00	$6550.00	$8350.00	1800.00	6550.00	8350.00

I certify that the above bill is correct and just and that payment therefor has not been received. Dorroh-McCormick
Date Sept. 30, 1959 Payee Dorroh-McCormick

Per _____ Title _____

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

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:

$ 900.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date NOV 6 1959 Vou. No. 6
(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. 2001 in accordance with the terms of the contract.

Signature Frank G. Lesure Title GEOLOGIST, U. S. G. S. Date NOV 6 1959

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date NOV 6 1959

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

NOV 9 1959
O.M.E.

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

Month of September 1959 Docket No. DMEA-MF 6011 Contract No. 2001
Operator's Name Dorroh - McCormick Minerals Mica
Address 511 Citizens Union Bank Bldg., Lexington, Ky.

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	Ft	1,800.00	50	3600.00	100 ft	36.00	100	36.00
Crosscutting								
Raising								
Shafts	Ft	---	--	4750.00	100 ft	47.50	100	47.50
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1800.00	50	8,350.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1800.00		8,350.00				

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.

George N Dorroh McCormick

Date September 30, 1959 Operator Dorroh - McCormick

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

REMARKS: See narrative report attached.

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 REPORT

Month of September, 1959 OME 6011 Contract No. 2001
DORROH - McCormick Mica
511 Citizens Bank Bldg., Lexington, Kentucky

Work completed during the month of September, 1959. Contract completed according to terms of same by sinking a shaft 100 feet and running an entry of 100 feet. Both being 5 X 7 feet.

The headings were driven a total of 50 lineal feet during the month of September. After coming in contact with the north slate wall the heading was turned to the right ahd driven 40 feet on a course of about N 45° 00 E. This heading was driven parallel to the north wall and produced very little mica which was of poor quality, stained, bent, curled and unsalable. The appeared to be many slips and other unfavorable formations in the vein while driving the 100 foot entry. We also drove the remaining footage to the left of the shaft in the vein and failed to find anything of value- this distance was 10 feet. In the entire workings we produced about 80 or 90 pounds of mica, all of which was of no value.

This entry of 100 fee completed our contract and all work was terminated as of October 31, 1959. (This has been a complete loss ----- except to the contractor --------)

DORROH - McCORMICK
511 Citizens Union Bank Bldg.,
Lexington, Kentucky

Official File Copy

~~EXTRA COPY~~

O. M. E.
RECEIVED OCT 16 1959

DATE	INITIALS	CODE
10-16	gad	VVO
10/19	[illegible]	110
10/19	[illegible]	800
10/20	[illegible]	500

October 14, 1959

Memorandum

To: Operating Committee, OME - Washington

From: Executive Officer, OME Region V - Knoxville, Tenn.

Subject: Narrative portions of Monthly Reports.

Because processing of these vouchers is being suspended for a variety of reasons, I am sending you herewith, one copy of the narrative monthly report for each of the following:

DMEA-5008, Idm-E1204, September 1959

OME -6003, Contract 2005, August-September 1959

OME -6006, Contract 2004, August-September 1959

OME-6011 Contract 2001, September (final)

NF-104 and 104A has been detached from these reports and will be forwarded through regular channels when processed for payment.

Robert A. Laurence

RAL/xm

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 5 1959

DATE	INITIALS	CODE
10/5	RCW	225
"	FEL	110
10/5	[illegible]	800
10/5	alt	500

OFFICE OF MINERALS EXPLORATION

INTERIM REPORT

(Mica)

OME-6011, Contract,2001, ED ROBINSON PROPERTY
Mitchell County, oNorth Carolina

Operator: George D. Dorroh and M. M. McCormick, Partners, 511 Citizens Bank Bldg. Lexington, Kentucky.

Location: On the steep southwest slope of a low ridge about 800 feet north of Bandana Post Office, Mitchell County, North Carolina

The drift to the southwest has been driven nine feet starting in the crosscut about 25 feet from the shaft and completing the contract work. The pegmatite in this drift is sheared. It is composed of fine to coarse-grained plagioclase, perthite, quartz, muscovite, biotite , and garnet. Locally iron sulfides stain the feldspar green. The muscovite is generally small and of scrap quality. Only a few pounds of clear ruby sheet mica were recovered in the first few feet of the southwest drift.

Production from the entire contract work is about 200 pounds of generally poor quality mica. This represents much less than 1 percent of the rock mined. Certification will not be recommended.

Inspected: September 25, 1959

Frank G. Lesure, Geologist
Geological Survey -OME

z

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 30 1959

DATE	INITIALS	CODE
9/30	RCW	225
		~~120~~
9/30		~~800~~
10/1	alt	500

OFFICE OF MINERALS EXPLORATION
REGION V

INTERIM REPORT

OME-6011, Contract No.2001, ED ROBINSON PROPERTY
Mitchell County, North Carolina
(mica)

Operators: George D. Dorroh and M.M. McCormick, partners
511 Citizens Bank Building, Lexington, Ky.

Location: On the steep southwest slope of a low ridge about 800 feet north of Bandana Post Office, Mitchell County, N.C.

The drift to the northeast along the footwall of the pegmatite has been advanced 36 feet for a total of 92 feet of crosscut and drift. In the first 25 feet of the new drift the footwall of the pegmatite trends east-west and dips about 35°S. About 10 feet from the face the footwall turns and strikes N55°E., and dips 60°SE. At the face the mica gneiss of the hanging wall was intersected striking N45°E and dipping 55°SE. Throughout the new work the pegmatite is sheared. It is composed of fine to coarse-grained plagioclase, perthite, quartz, muscovite, biotite and garnet. About 150 pounds of mine run sheet muscovite up to 5" x 6" was recovered in the last 25 feet of workings. This mica is ruby but not of strategic quality. It is heavily stained with biotite, pyrite and iron-oxides. Most of the books are ruled, bent, and wavy.

At the time of the inspection the mine foreman, Mr. George Howell, had started a drift to the southwest along the footwall in the crosscut about 25 feet from the shaft. Mica recovered from this part of the pegmatite during crosscutting was not stained and of better quality than the mica recovered in the

northeast drift. The foreman intends to use the remaining footage to test this area where the mica was better.

Frank G. Lesure, Geologist
Geological Survey (OME)

Inspected: September 23, 1959

zm

OFFICIAL FILE COPY
O. M. E.
RECEIVED SEP 4 1959

DATE	INITIALS	CODE
9-4	gad	1110
		1110
9/4	[illegible]	800
9/8	[illegible]	500

OFFICE OF MINERALS EXPLORATION

INTERIM REPORT

OME-6011, Contract No. 2001, ED ROBINSON PROPERTY (MICA)
Mitchell County, North Carolina

Operators: George D. Dorroh and M. M. McCormick, partners
511 Citizens Bank Building, Lexington 3, Kentucky

Location: This property is on the steep southwest slope of a low ridge about 800 feet north of Bandana Post Office, Mitchell County, North Carolina.

The crosscut has been driven an additional 22 feet N. 15° E. and has reached the footwall of the pegmatite. The footwall strikes N. 40° E. and dips 45° to 65° SE parallel to the foliation of the coarse mica-gneiss wall rock. The pegmatite cut in the last 22 feet of crosscut is medium- to coarse-grained and composed of plagioclase, perthite, quartz, muscovite, biotite and garnet. About 30 lbs of muscovite in books up to 5" x 6" was recovered in the last few feet of the crosscut.

The pegmatite still appears to be somewhat fractured and sheared. Along the right wall of the crosscut fine- to medium-grained biotite fills fractures in medium-grained plagioclase. A shear plane striking N. 50° E., dipping 40° SE and filled with late quartz and small garnets cuts the left wall of the crosscut about 10 feet from the face. Locally abundant iron sulfides fill fractures in the pegmatite and stain the feldspar green.

The Operator intends to drift to the northeast along the footwall.

Frank G. Lesure, Geologist
U. S. Geological Survey

Inspected: September 1, 1959

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS N- 4

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 1959 Docket No. DMEA OE XXXX 6011 Contract No. 2001

Operator's Name Dorroh & McCormick Minerals Mica

Address 511 Citizens Bank Bg., Lexington, Ky.

Contract Amount, $ 8,464.00 Government Participation: 50 % Amount, $ 4,232.00

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 50 Lin Ft.	$1800.00	None	$1800.00			
Shaft Sinking	-	$4,750.00	$4,750.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1800.00	$4750.00	$6550.00	1800.00	4750.00	6550.00

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

Date August 31, 1959 Payee George D. Dorroh & M. M. McCormick

Per _____ Title _____

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

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:

$ 900.00

Signature Helen R. Miller (Authorized Certifying Officer)

Date SEP 9 1959 Vou. No. 4

(See other side)

900.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 2001 in accordance with the terms of the contract.

Signature [illegible] Title MINING ENGINEER U. S. BUREAU OF MINES Date SEP 8 1959

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Laurence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date SEP 8 1959

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1950 Docket No. OME DMEA 6011 Contract No. 2001
Operator's Name Dorroh & McCormick Minerals Mica
Address 511 Citizens Bank Bg., Lexington, Ky.

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	Ft.	$1800.00	50	$1800.00	50	36.00	100	36.00
Crosscutting								
Raising								
Shafts	Ft.		100	$4750.00	100	47.50	100	47.50
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$1800.00	50	$6550.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$1800.00		$6550.00				

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.

George D. Dorroh & N. M. McCormick

Date August 31, 1950 Operator
George D. Dorroh & N. M. McCormick
Per ..... Title .....

Remarks: See Narrative Report attached.

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)

V. J. Lynch
MINING ENGINEER
U. S. BUREAU OF MINES

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

50 ft. for month of
August

-NARRATIVE REPORT-

O.M.E. #6011
Idm-E 2001

Month of August 1959 Date Work Began (May 18, 1959)

Work Accomplished during month of August:

Advanced a total of 50 lineal feet of 5' x 7' entry during the month of August.

Beginning at bottom of shaft, we drove approximately 15 feet into a stray vein on a course of about North 35°00 East. Thinking this not to be the main body of the vein we drilled an 18 foot test hole on a due North course and drilled through the main pegmatite. Then we drove approximately 45 feet on a course of North 14°00 East striking the North black slate wall. Approximately 30 pounds of small Mical was produced in the last 8 or 10 feet of mining. Several delays were encountered during the Month; 2 days lost by rain and approximately 10 hours lost on mechanical failure. Continued using the three men crew all month.

During the week, August 3 through August 7 inclusive the work consisted of drilling, shooting and mucking.

For the week of August 10 through August 14, drilled the 18 foot test hole to the North and turned the entry North 14°00 East, down one day on account of rain, 3 hours on compressor.

August 17 through August 21, drilling, shooting and mucking, all week, some water being made off stray vein.

August 24 through August 28, idle one day on rain down, 4 hours on compressor, shooting, mucking and drilling.

August 31- Shooting, mucking and drilling all shift.

DMEA FORM 6 REFERENCE SLIP

REV. 12-56 DEFENSE MINERALS EXP[illegible]TION ADMINISTRATION

TO:	INITIALS	DATE
1. 600		
2.		
3.		
4.		
5.		
FROM: 800		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

"Urged to abandon"! He should be told, since all work is subject to Govt. approval.

Talbot 6/21/59

INT.-DUP. SEC., WASH., D.C. M25803

OFFICIAL FILE COPY
O M E.
RECEIVED AUG 21 1959

DATE	INITIALS	CODE
8-21	gad	110
"	FJ	110
		800
	511 Citizens	
8/24	Let	500

OFFICE OF MINERALS EXPLORATION

INTERIM REPORT

OME-6011, Idm-E2001 (mica) ED ROBINSON PROPERTY
Mitchell County, North Carolina

Operators; George D. Dorroh and M.M. McCormick, Ptrs. 511 Citizens Bank Bldg., Lexington, Kentucky.

Location: This property is on the steep southwest slope of a low ridge about 800 feet north of Bandana Post Office, Mitchell County, North Carolina.

The Operator has driven a crosscut 18 feet N35°E from the north corner of the shaft. This work was all in pegmatite. The pegmatite is medium to coarse-grained and consists of plagioclase, perthite, quartz and biotite with some small books of muscovite. Minor amounts of apatite and garnet are also exposed. The pegmatite is fractured and sheared. A prominent set of closely spaced joints striking N60°W and dipping 75°NE occur in the pegmatite throughout the length of the crosscut. The hanging wall of the pegmatite, exposed near the shaft, strikes N70°E and dips 55°SE. The footwall of the pegmatite has not yet been reached.

Because this pegmatite was not too promising the Operator has also started a drift on the parallel pegmatite exposed in the shaft and reported in the last interim. This pegmatite is separated from the target pegmatite by one to two feet of gneiss. The Operator has driven a drift 16 feet N80°E on this pegmatite. The pegmatite is coarse-grained and composed of perthite, plagioclase, quartz and biotite. Books of biotite up to 1-foot in diameter but only 1/4 to 1 inch thick are present in the face.

The Operator was urged to abandon the drift on the hanging wall pegmatite because of the general unfavorable appearance of the material. It was suggested to the Operator that he continue the crosscut to reach the footwall of the pegmatite and then drift northeast along the footwall.

Mr. R. A. Laurence and Mr. R. W. Johnson of the U. S. Geological Survey accompanied the Field Examiner on the inspection.

Inspected: August 18, 1959

Frank G. Lesure, Geologist
Geological Survey, OME
Region V

z

OFFICIAL FILE COPY
O. M. E.
RECEIVED AUG 10 1959

DATE	INITIALS	CODE
8-10	gad	VVO
"		110
8/11		800
8/11	alt	500

OFFICE OF MINERALS EXPLORATION

INTERIM REPORT

OME-6011, IdME-2001, ED ROBINSON PROSPECT
Mitchell County, N. C.

Operators: Dorroh & McCormick,

The shaft has been sunk 101 feet; one foot at the Operator's expense. A sixteen-foot percussion drill hole was drilled N30°W in the northwest wall of the shaft at the 97-foot level. It interesected in succession 2 feet of gneiss, 10 feet of pegmatite, and 6 feet of gneiss. This pegmatite is probably the target pegmatite. A pegmatite is exposed in the shaft along the northeast and northwalls but is separated from the target pegmatite by about 2 feet of gniess. The exposed pegmatite is corase-grained and composed of perthite, plagioclase, quartz and biotite. The footwall strikes N65°E and dips 75°SE.

Along the southeast and southwest wall of the shaft the wall rock is interlayered mica and hornblende gneiss containing pegmatite and quartz lenses, 0.1 to 0.5 foot thick. Layering strikes N40°E and dips 60°SE. The fault reported in the previous interim has been followed down in shaft. At the eastern corner of the shaft the fault strikes N60°W and dips 85°NE. The fault surface curves westward and intersects the western corner of the shaft making the general strike about east west.

The Operator plans to crosscut the pegmatite from about the 97-foot level leaving about 4 feet of shaft for a water sump. Drifts will then be driven both northeast and southwest along the pegmatite.

Examined: August 4, 1959

D. H. Amos, Geologist
U. S. Geological Survey-OME

F. G. Lesure, Geologist
U. S. Geological Survey-OME

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August 17, 1959

Memorandum

To: E. D. Talbert, Office of Minerals Exploration, Interior Building, Washington 25, D. C.

From: Administrative Assistant, Morris, Tennessee

Subject: Monthly reports and vouchers

We are enclosing two copies each of the following monthly reports and vouchers:

Idm-F1204	The New Jersey Zinc Company Docket No. DMEA-5008 10th payment - month of July Amount $3404.26
✓ 14-23-090-2001	Derreh-McCormick Docket No. OME-6011 3rd payment - month of July Amount $973.75

Helen R. Miller

Attachments
/hbm
Copies to R. A. Laurence
V. J. Lynch
Morris files
Day files

EXTRA COPY O. M. E. RECEIVED AUG 19 1959		
DATE	INITIALS	CODE
8-19	gad	110
"	[illegible]	110
"	alt	500

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

AUG 19 1959 OME

PAID ON VOUCHER & SCHEDULE OF PAYMENTS 2

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1959 Docket No. ~~DMEAOME~~ 6011 Contract No. 2001
Operator's Name Dorroh - McCormick Minerals Mica
Address 511 Citizens Union Bank Bldg., Lexington, Ky.
Contract Amount, $8,464.00 Government Participation: 50 % Amount, $4,232.00

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:						8/19/59
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft Sinking	1995.00	2,802.50	4797.50			
(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	1995.00	2,802.50	4797.50	1947.50	2802.50	4750.00

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

Date July 31, '59 *Payee M. M. McCormick

Per Margie D. Dorroh Title

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

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:

$ 973.75

Signature Helen R. Miller
(Authorized Certifying Officer)

Date AUG 17 1959 Vou. No. 2
(See other side)

973.75

(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. 2001 in accordance with the terms of the contract.

Signature [illegible] Title MINING ENGINEER U. S. BUREAU OF MINES Date AUG 10 1959

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Robert A. Lawrence Title EXECUTIVE OFFICER OME FIELD TEAM REGION V Date AUG 10 1959

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-164A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

AUG 19 1959
O.M.E.

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1959 Docket No. ~~DMEA~~ OME 6011 Contract No. 2001
Operator's Name George D. Dorroh & M. M. McCormick Minerals Mica
Address 511 Citizens Union Bank Bldg., Lexington, Kentucky

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	Ft	1995.00	42	4797.50	101	47.50	100	47.50
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1995.00	42	4797.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1995.00		4797.50				

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

Date July 31, 1959 Operator M. M. McCormick
George D. Dorroh & M. M. McCormick
Per George D. Dorroh Title

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: See narrative report attached

(For Government use only)

Shaft footage reduced 1 foot to conform to contract.

WJK.

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 REPORT

Month of July - 1959 - OME 6011 Contract No. 2001

GEORGE D. DORROH & M.M. McCORMICK

511 Citizens Union Bank Bldg, Lexington, Kentucky.

July - 1959

Work accomplished - Lowered the shaft to a depth of 23 1/2 feet during the first half of July and 18 1/2 feet during the second half of July. Timbering down to 65 feet on 16th and down to 67 feet on July 31. Lost two days due to rain and four part days due to mechanical failures to hoist and to compressor. Also 3 hour delay to broken mast pole. Bought 300 feet of boxing 3 - 4 x 4 x 12 and 8 - 2 x 4 x 12. Down 67 feet with timbering. Stairway down 90 feet. Hit 6 feet of pigmatite at 62 feet deep and also at 68 feet. Pigmatite was 4 feet thick on NE corner. Down with 5 x 7 feet shaft 101 feet. Total feet shaft was lowered during July - 42 feet.

July 1 - Shooting, drilling and mucking all shift.
" 2 The same as above
" 3 Cutting and fitting timber in shaft all shift
" 4 No work

" 6 Timbering and drilling
" 7 Working on compressor most of shift - some drilling
" 8 Drilling, shooting and mucking all shift
" 9 Reparing hoist part of shift - mucking remainder
" 10 Mucking, drilling and shooting all shift

" 13 Mucking and hoisting all shift
" 14 Drilling shooting and mucking
" 15 The shaft is down (5x7) 82 1/2 feet as of to day
" 16 Shooting and mucking all shift
" 17 Sawing timber and fitting same in shaft

" 20 Timbering shaft all shift
" 21 Shooting and mucking all shift
" 22 Drilling , shooting and mucking all shift
" 23 Repairing compressor and mucking
" 24 Mucking and drilling

" 27 Shooting and mucking
" 28 Boxing in shaft and making stairway
" 29 Bailing water, drilling and shooting
" 30 Mucking most of shift. Pegmatite in NE corner of shaft.
" 31 Drilled 18 foot test hole in north saide of shaft and drilled through 10 feet of pegmatite. Shaft down 101 feet.

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 29 1959

DATE	INITIALS	CODE
7-29	gad	990
7/29	[illegible]	110
7/30	[illegible]	800
9	[illegible]	500

OFFICE OF MINERALS EXPLORATION

INTERIM REPORT

OME-6011, Idm-E2001, ED ROBINSON PROPERTY-(Mica)
Mitchell County, North Carolina

Operators: George D. Dorroh and M. M. McCormick, partners, 511 Citizens Bank Bldg. Lexington, Kentucky

Location: This property is on the steep southwest slope of a low ridge about 800 feet north of Bandana Post Office, Mitchell County, North Carolina.

The shaft has been sunk 81.5 feet and timbered to a depth of 67 feet. A pegmatite body has been exposed along the northwest side of the shaft from 77 feet to the bottom. The hanging wall of this pegmatite strikes N65°E and dips 60°SE; the footwall is not exposed. The pegmatite is perthite-rich and highly sheared. It contains minor amounts of muscovite in books up to several inches in diameter. The mica is bent and ruled. The pegmatite is cut by a fault that strikes N70°W and dips 60°NE. About 1.5 feet of right lateral movement is indicated by the offset of the hanging wall of the pegmatite along the northwest shaft wall. A second pegmatite about 0.5 foot thick and 5.5 feet out in the hanging wall is also cut by the same fault along the northeast side of the shaft.

The pegmatite intersected along the present shaft bottom is probably not the target pegmatite. Shaft sinking will be continued to 100 feet.

Inspected: July 22, 1959

D. H. Amos and Frank Lesure,
Geologists, Geological Survey-(OME)

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OFFICE OF MINERALS EXPLORATION

INTERIM REPORT

OME-6011, Contract No. 2001, ED ROBINSON PROPERTY (Mica)
Mitchell County, North Carolina

Operators: George D. Dorroh and M. M. McCormick, partners
511 Citizens Bank Building, Lexington 3, Kentucky

Location: This property is on the steep southwest slope of a low ridge about 800 feet north of Bandana Post Office, Mitchell County, North Carolina

The shaft is down 70 feet. Timbering has been completed to 67 feet. About 3 feet of muck is in the bottom of the shaft. The shaft is in layered biotite and hornblende gneiss. Foliation strikes N. 70° E. and dips 70° SE. A prominent set of joints striking N. 25° E. and dipping 50° SE makes the rock blocky. A pegmatite stringer several inches wide was intersected at about the 65-foot level at the northwest corner of the shaft. Progress on the contract is good.

OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 15 1959

DATE	INITIALS	CODE
7-15	gad	110
"	[illegible]	110
7/16	[illegible]	800
"	[illegible]	500

Dewey H. Amos, Geologist
U. S. Geological Survey

Frank G. Lesure, Geologist
U. S. Geological Survey

Inspected: July 10, 1959

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

Budget Bureau No. 42-R1036.5

PAID ON VOUCHER & SCHEDULE OF PAYMENTS
JUL 20 1959

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

O.M.E.

Month June 15 - 30, 1959 Docket No. DMEA
Contract No. 2001
Operator's Name Dorroh & McCormick
Minerals Mica
Address 511 Citizens Bank Bldg., Lexington, Ky.
Contract Amount, $4,464.00 Government Participation 50 % Amount, $4,233.00

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						
Shaft Sinking	712.50	2090.00	2802.50			
(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	712.50	2090.00	2802.50	712.50	2090.00	2802.50

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

Date June 30, 1959 *Payee

Per George D. Dorroh Title

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

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:

$ 356.25

Signature Helen R. Miller
(Authorized Certifying Officer)

Date JUL 17 1959 Vou. No. 1
(See other side)

356-25

(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. 2001 in accordance with the terms of the contract.

Signature [illegible] Title GEOLOGIST, U. S. G. S. Date JUL 8 1959

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature V. J. Lynch Title ACTING EXECUTIVE OFFICER DMEA - REGION V Date JUL 8 1959

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

JUL 20 1959

OPERATOR'S UNIT COST AND PROGRESS REPORT

M.E.

ORE
KYKY 6011

Month June 15-30 19 9 Docket No. DMEA Contract No. 6011
Operator's Name Borron & McCormick Minerals
Address 511 Citizens Bank Bldg., Lexington, Ky.

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	FT	712.50	15	302.50	50	67.50	100	67.50
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		712.50	15	302.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		[illegible]		[illegible]				

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

George D. Borron & M. M. McCormick

Date June 30, 1959 Operator [signature]

Per _____ Title _____

REMARKS: See Narrative Report attached.

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)

[signature]
GEOLOGIST, U. S. G. S.

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 REPORT

Month of June (-16 - 30)

OMX No. 6011

Idm-E 2001

Date work began (May 18, 1959)

Work Accomplished:

Continuing sinking 5'x 7' shaft with the three man crew on single shift. Have encountered seamy black slate that is difficult to shoot due to the great number of seams throughout the last 25 feet of depth, although there appears to be a change in the structure of the black slate in the last two or three feet. The seams are disappearing and the slate is getting firmer which should result into better shooting and easier mucking. The shooting cost has been exceedingly high due to the shots failing to pull the full depth of the holes. The excavating of the 5' x 7' foot shaft is down a total depth of 59 feet and the timbering is down 52 feet. Bought 2500 feet of 1" and 2" Oak lumber during this half. Lost one day due to rain also lost two days due to mechanical failure.

June 16 - Drilling, Shooting and Mucking all shift.

June 17 - Rained out for the day.

June 18 - Received 2500 ft. lumber, timbered all shift.

June 19 - Repaired Compressor, set pump and pumped some water.

June 22 - Drilling, Shooting and mucking.

June 23 - Drilling, Shooting and mucking.

June 24 - Timbering all shift, repairing pump and setting fan and tubing.

June 25 - Drilling, Shooting, mucking all shift.

June 26 - Drilling, Shooting, mucking all shift.

June 29 - Compressor down- Repairing same, sawing timbers.

June 30 - Shooting, mucking all shift, down 59 feet with excavating and 52 ft. with timbering.

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DATE | INITIALS | CODE

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JUL 7 - 1959
U. S. Geological Survey
Geologic Division
Knoxville, Tenn.

OFFICE OF MINERALS EXPLORATIONN

INTERIM REPORT

OME-6011, Idm-E2001 - mica
ED ROBINSON PROPERTY, Mitchell County, N.C.

The shaft is down 57 feet. The wall rock is layered hornblende and biotite gneiss. Foliation strikes N. 55°E and dips 68°SE. The wall rock contains abundant pyrite and small quartz stringers. Although most of the wall rock is hard at this level, small fractures and soft areas make the ground unsafe and the shaft is timbered to the 50-foot level.

Progress on this contract is good.

Date Examined:
June 26, 1959.

F. G. Lesure, Geologist
Geological Survey

D. H. Amos, Geologist
Geological Survey

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OFFICIAL FILE COPY
O. M. E.
RECEIVED JUL 1 1959

DATE	INITIALS	CODE
7-1		220
7/6	J.W.A.	600

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

PAID ON VOUCHER & SCHEDULE OF PAYMENTS K- /

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May 18 to June 15, 1959 Docket No. DMEA 6011 Contract No. 2001
Operator's Name Dorroh and McCormick Minerals Mica
Address 511 Citizens Bank Bldg., Lexington, Ky.
Contract Amount, $8,464.00 Government Participation: 50 % Amount, $4,232.00

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:						6/29/59 J.M.L.
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft Sinking	$2090.00	-	$2090.00			
(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	$2090.00	-	$2090.00	2090.00	-	2090.00

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

Date ( ) ( ) *Payee H. H. McCormick-George R. Dorroh

Per H. H. McCormick Title George R. Dorroh

*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:

$ 1045.00

Signature Helen R. Miller
(Authorized Certifying Officer)

Date JUN 26 1959 Vou. No. 1

(See other side)

1045.00

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 2001 in accordance with the terms of the contract.

Signature [illegible] Title GEOLOGIST, U. S. G. S. Date JUN 25 1959

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title ACTING EXECUTIVE OFFICER OME, REGION V Date JUN 25 1959

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 May 16 to June 15, 1959 Docket No. DMEA 6011 Contract No. 2001

Operator's Name George D. Dorroh and M. M. McCormick Minerals Mica

Address

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	Ft.	$2000.00	44	$2000.00	44	$47.50	100	$47.50
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		$2000.00		$2000.00				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		$2000.00		$2000.00				

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.

George D. Dorroh M. M. McCormick

George D. Dorroh - M. M. McCormick

Date June 23, 59 Operator

Per Title

Remarks: See Narrative Report attached

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)

GEOLOGIST, U. S. G. S.

JUN 25 1959

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 REPORT

OME No. 6011

Month of May 18 to June 15, 1959 Idm-E 3001

Work Accomplished: Date Work Began May 18th, 1959

Bulldozing and leveling hillside for shaft location, moving machinery on property, began digging 5' x 7' shaft by hand, setting up hoist and other equipment, began sinking shaft with use of hoist and bucket after 6 feet of depth, ordered powder, detinators and lumber. Installed steps and partition also lining of 35 feet of shaft, completed as of June 15th. The shaft is excavated to a depth of 44 feet as of June 15th. Work is being done on a single shift with a three man crew.

May 18 - Began clearing trees and dosing for shaft location. Also moving machinery and equipment on job.

May 19 - Began digging shaft by hand.

May 20 - Rain.

May 21 - Digging shaft by hand, moving in equipment.

May 22 - Rain.

May 25 - Began setting up hoist and other equipment.

May 26 - Working in shaft - no timbering, Shaft 5' x 7', and vertical.

May 27 - Moving water (from heavy rains) out of shaft.

May 28 - Bought 2,000 feet of 2" white oak lumber for shaft lining. Continued excavation of shaft to 15 feet.

May 29 - Excavating shaft and working on hoist.

June 1 - Mucking most of shift, began timbering shaft.

June 2 - Timbering shaft - (Clay and some rock).

June 3 - Timbering shaft - (Clay and some rock).

June 4 - Timbering shaft - (Clay and some rock).

June 5 - Worked on hoist and digging shaft.

June 8 - Drilling and shooting necessary for faster progress, some rock showing up very hard.

June 9 - Black slate showing up in North side of shaft down 30 feet with excavation timbered 24 feet deep.

June 10 - Drilling and burning most of shift.

June 11 - Mucking and bailing some water.

June 12 - Drilling and timbering shaft.

June 15 - Mucking, drilling and shooting down 44 feet, timbered 36 feet.

OFFICE OF MINERALS EXPLORATION

INTERIM REPORT

OME-6011, ED ROBINSON PROPERTY (mica)
Mitchell County, N.C.

Operators: G. D. Dorroh and M. M. McCormick

The Ed Robinson property was visited on May 28, 1959. Neither Dorroh nor McCormick were present but three local miners have subcontracted the shaft sinking. An untimbered 5' x 7' shaft has been sunk 15 feet within 10 feet of the site suggested by the Field Examiners. To date all work has been in soft weathered country rock but hard rock is beginning to appear in the bottom of the shaft. Work on the contract started May 18, 1959. Progress has been slow because of frequent rains.

Mr. R. A. Laurence accompanied the Field Examiner on the inspection.

F. G. Lesure, Geologist
Geological Survey

Inspected : May 18, 1959

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O. M. E.
RECEIVED JUN 1 1959

DATE	INITIALS	CODE
6/1	a	220
6/2	[illegible]	600

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