OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-5325, Docket DMEA-2485 (lead-zinc), dated June 22, 1952, with

Dale Mining Company
811 Kentland Drive
Neosho, Missouri

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Patterson, Dale, or Big Four Mine located in Newton County, Missouri, during the period February 14, 1957, through September 1, 1960.

A certification of discovery or development was issued on February 6, 1956, and, in accordance with Amendment No. 4 and Annex I of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 12 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated March 15, 1956, indicated accepted costs under the exploration contract amounting to $21,820.80 with the Government's contribution on a 50 percent basis being $10,910.40.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review established no sales subject to the Government's royalty subsequent to the period covered by a prior Royalty Audit Certificate which found the sales subject to the Government's royalty through February 15, 1957, to be $126,454.32. The royalty account as of February 15, 1957, was:

Total Royalty Payable	$6,322.69
Total Royalty Paid	6,322.69
Balance of Royalty Due	$ -0-

As of September 1, 1960, the royalty account of this project was found to be:

Total Royalty Payable	$6,322.69
Total Royalty Paid	6,322.69
Balance of Royalty Due	$ -0-

March 6, 1962

E. D. Talbert, OME Auditor

Idm-8325 Dale Mining Company DMEA-2485

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

Under the provisions of Annex I (which by Amendment No. 3 was substituted for Article 6 of the contract) the Operator, as principal if the producer or as surety if not the producer, is obligated to pay the Government a royalty on any mineral production from the land under the contract, as amended. The contract form contains the so-called "abandonment" provision; however, this provision was deleted by Amendment No. 4. The Operator (a partnership composed of D. P. Klepinger, 203 W. Dartmouth, Kansas City, Mo., J. A. Worley, Baxter Springs, Kans., and G. E. Klepinger, 811 Kentland, Neosho, Mo.) was in possession of the land as lessee.

The land under the contract, when originally executed, consisted of all of the NE¼ of Sec. 30, T. 25 N., R. 30 W. except ground within 250 feet of the Patterson shaft. This tract was acquired under a May 19, 1951, Mining Lease from Dennis and Mary V. Patterson, c/o First National Bank, Neosho, Mo. In connection with Amendment No. 4, which eliminated the "abandonment" provision and extended the royalty period to 12 years, the Pattersons executed an Owner's Consent to Lien dated July 2, 1955.

Amendment No. 1 added to the contract property described as the E½ of the NE¼ of the NW¼ of Sec. 20, T. 25 N., R. 30 W. This tract was leased to the Operator by Silas and Velma Clark on December 10, 1951. During 1954 the Clarks sold the property to N. R. and Bertha Sitler and, in connection with Amendment No. 4 to the contract, the Sitlers executed an Owner's Consent to Lien dated July 7, 1955.

Exploratory drilling under the contract was suspended at the end of February 1955 and never resumed. Mining operations, which were carried on concurrently with the exploratory work and resulted in the sale of 242.15 SDT of zinc concentrates and 4.30 SDT of lead concentrates, had previously been discontinued and the mine allowed to flood.

In November 1955 the mine was dewatered and rehabilitated by the Big Four Mining Company, Picher, Okla., under a lease agreement with the Operator. Thereafter, under operations which continued until September 1956, the sub-lessees produced and sold 1,157.48 SDT of zinc concentrates and 10.87 SDT of lead concentrates.

All of the aforementioned sales of production are set forth in a Royalty Audit Report and Certificate dated March 8, 1957, covering an audit of the Operator's production and sales records. Subsequent examinations of the property and inquiries disclosed no further activity during the period covered by this review.

On February 23, 1957, the Operator's executive partner (G. E. Klepinger) advised of the "surrender and complete abandonment". A subsequent check of the Newton County Circuit Court records by a Government representative found that the Operator's release to the Pattersons had been recorded and that "the ownership of the Clark /Sitler/ portion has been transferred to Patterson".

In a September 1, 1960, reply to an inquiry on MME Form 63, G. E. Klepinger, signing as secretary-treasurer, indicated that neither production nor change in property status had occurred since October 1956, but added a note: "This company is no longer operating and will never operate again. All leases have been returned to landowners".

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) The files indicate that the property under the contract has been inactive during the period covered by this review;

(2) All prior production subject to royalty is covered by a Royalty Audit Report and Certificate: and

(3) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

MAR 9 1962

Memorandum

To: Chief, Division of Field Operations

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMRA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract Ida-R325

Enclosed are the original and two copies of a Report of Royalty Review covering the subject Region IV contract. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary; and

(b) Two copies to Region IV files.

This report is for OMR record purposes only; therefore, no copy has been provided for the Operator.

As evidence of your concurrence, a copy of your memorandum transmitting the original of the report to the Department's Fiscal Section should be furnished this Division. If for any reason you do not concur, the original and both copies should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 3-6-62

cc:
Docket
Director's Reading File
CA & A Division
Mr. Rothrock

800

MAR 8 1962

Memorandum

To: Chief, Fiscal Section, Division of Administrative Services, Office of the Secretary

From: Chief, Division of Field Operations, OMR

Subject: DMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract Idm-2325

Enclosed for your files is the original of a Report of Royalty Review on the subject contract.

George C. Selfridge

Enclosure

GCSelfridge/hb (3/8/62)
cc to: Docket DMEA-2485
Director's Reading File
CA&A Division
G. C. Selfridge
R. A. Laurence, Region IV, w/cy of Report of Royalty Review dtd 3/6/62 & orig. cy of memo dtd 3/6/62 to Chf., Div. of Field Operations from CA&A Division.
Avery Rand, USBM, Reg. IV, w/cy of ea. item sent to Mr. Laurence.

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

FIRST ROYALTY AUDIT CERTIFICATE

I have examined the production records and sales documents pertaining to the sale of zinc and lead concentrates for the period June 22, 1952, to February 13, 1957, by

Dale Mining Company, a partnership consisting of
Gerald E. Klepinger, Dr. D. P. Klepinger, and Jess Worley
811 Kentland Drive
Neosho, Missouri

produced from Patterson Mine, located in Newton County, Missouri, on which royalty is due the U. S. Government under terms of Contract Idm-F325, Docket No. DMEA-2485 (Lead-Zinc), dated June 22, 1952, as amended.

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

The audit established that total sales of such concentrates for this period, subject to DMEA royalties, to be $126,454.32. Royalty due the Government at 5 percent is $6,322.69. The royalty paid and balance due are as follows:

Total Royalty Due	$6,322.69
Total Royalty Paid	6,322.69
Balance of Royalty Due	$ -0-

C. E. Fisher
C. E. Fisher, Auditor

March 8, 1957

FIRST ROYALTY AUDIT REPORT

I. INTRODUCTION

On February 13, 1957, an audit was made of the production, sales, and royalty accounts and records of

Dale Mining Company, a partnership consisting of
Gerald E. Klepinger, Dr. D. P. Klepinger, and Jess Worley
811 Kentland Drive
Neosho, Missouri

pertaining to the sale of zinc and lead concentrates during the period June 22, 1952, to February 13, 1957, produced from property known as Patterson Mine located in Newton County, Missouri, on which royalty is due the U. S. Government under the terms of Contract Idm-E325, Docket No. DMEA-2485 (Lead-Zinc), dated June 22, 1952, as amended.

The Operator's records of production and sales, consisting of memorandum work sheets and copies of settlement sheets issued by purchasers of the ore, were examined at the home of Gerald E. Klepinger, executive partner, 811 Kentland Drive, Neosho, Missouri. Clinton C. Knox, Executive Officer, DMEA Region IV, Joplin, Missouri, was present and assisted in the audit.

II. GENERAL INFORMATION

Article 6 of the exploration contract as amended by Amendments Nos. 3 and 4 provides that should the Government, within 6 months after completion or termination of the exploration project certify that a discovery or development has resulted from the work, the Operator shall be obligated to pay a percentage royalty on the net smelter returns or other net proceeds realized from the ore, concentrates, or metals produced from the land described in Article 2 within a period of 12 years from the date of the contract, until the total amount contributed by the Government, without interest, is fully repaid or said 12 years have elapsed, whichever occurs first. A certificate of discovery or development was issued on February 6, 1956.

According to a report of review in lieu of final cost audit dated March 13, 1956, prepared by E. D. Talbert, DMEA Auditor, the total accepted costs of the exploration amounted to $21,820.80, with the Government's contribution, on a 50 percent basis, being $10,910.40.

III. SCOPE OF AUDIT AND FINDINGS

A. Conference with Examining Engineer

A conference with the examining engineer (Mr. Knox) disclosed the following:

(a) The Operator does not stockpile ore subject to DMEA royalty; nor are low grade ores, tailings, or middlings that may have a potential value within the royalty payment period stockpiled.

(b) Some commingling is made of production subject to DMEA royalty with production from Patterson Mine and other mines not subject to DMEA royalty. The allocation made of such commingled production is considered to be equitable and adequate royalty payments have been made to the Government.

(c) The sampling and assay controls are considered adequate.

(d) The manner of disposing of production is considered as giving the Government its fair royalty returns.

(e) Examination indicated that the Operator has properly reported production subject to DMEA royalty.

(f) The Operator does not buy from or sell to other operators.

B. Audit of Settlement Statements

A considerable amount of preaudit work was accomplished in the DMEA offices in Washington, D. C., Joplin, Missouri, and Bartlesville, Oklahoma, prior to the field audit. During this preaudit work a statement of royalty received was prepared from copies of settlement sheets furnished by the Operator in support of payments made to the regional DMEA Executive Officer. The royalty receipts were verified with deposits made by the regional Finance Officer. All of the data included in the statement were confirmed. This statement, which is filed as a part of my audit work papers, was reconciled with the production and sales records during the on-site audit.

Zinc concentrates produced by the Operator were sold to Matthiessen and Hegler Zinc Company, Joplin, Missouri. One sale of lead concentrates was made to Ozark Smelting and Mining Company, Joplin, Missouri, and two sales of lead concentrates were made to the Galena, Kansas, smelter of The Eagle-Picher Company. These smelters did not withhold amounts of Government royalty from settlements made with the Operator. Instead the Operator has paid the royalty due to the Government each month computed on basis of settlements received from the smelters during the month.

Mining operations on which royalty accrued and was paid to the Government occurred during two periods; namely, April to September, 1953, by Dale Mining Company and December, 1955, to September, 1956, by Big Four Mining Company. The last reported sale subject to DMEA royalty consisted of zinc concentrates sold to Matthiessen and Hegler Zinc Company on September 24, 1956, included in royalty settlement payment made in October, 1956.

During the first period production was accomplished from the portion of the mine excluded from Article 2 of the contract as well as from the land subject to DMFA royalty. It is the opinion of this auditor and the Executive Officer that the allocation of such production resulted in proper royalty payments to the Government. Royalty was paid on all production during the second period.

During the on-site audit, the matter of possible surrender of the Operator's lease of Patterson Mine was discussed with Mr. Klepinger. He was advised that under Article 7 of contract Idm-E325 such surrender of leasehold coupled with complete abandonment of all interest in or operations of the land would release him from the royalty obligation applicable to future production. Subsequently, it was noted that paragraph 3 of Amendment No. 4 to the contract had revised Article 7 to provide that the Operator shall not make any voluntary or involuntary transfer or conveyance of its rights in the land without making suitable provisions for the preservation of the Government's right to a percentage royalty. In a letter dated February 26, 1957, the Executive Officer so advised Mr. Klepinger.

IV. CONCLUSIONS

A summary analysis of the Operator's production and sales of zinc and lead concentrates subject to DMFA royalty follows:

Item	Net Receipts Amount	Per SDT Concentrate	Royalty Due - 5%
Period: April to September, 1953			
Zinc Concentrates			
Sold to M & H Zinc Co. 242.15 SDT	$ 17,170.51		$ 858.52
Lead Concentrates			
Sold to Ozark S & M Co. 4.30 SDT	559.47	130.11	27.97
Totals-April to Sept. 1953	$ 17,729.98		$ 886.49
Period: December 1955 to September 1956			
Zinc Concentrates			
Sold to M & H Zinc Co. 1,157.48 SDT	$106,729.78		$5,336.48
Lead Concentrates			
Sold to Eagle-Picher Co. 10.87 SDT	1,994.56	183.49	99.72
Totals-Dec. 1955 to Sept. 1956	$108,724.34		$5,436.20
Grand totals	$126,454.32		$6,322.69
Royalty Paid			6,322.69
Balance Royalty Due			-0-

The audit has confirmed the accuracy and propriety of the royalty payments received by the regional Finance Officer which are applicable to zinc and lead concentrate sales during the period June 22, 1952, to February 13, 1957.

C. F. Fisher

C. F. Fisher, Auditor

March 8, 1957

Check Sheet of Examining Engineer

Operator's Name ~~Dale Mining Company~~

Address ~~811 Kentland Drive~~

~~Neosho, Missouri~~

Exploration Contract No. ~~Idm-E325~~ Docket No. ~~DMEA-2,C5(Pb-Zn)~~

	Check One Yes	Check One No
1. (a) Does the Operator stockpile ore subject to royalty repayment?		X
(b) If so, is segregation and identification procedure adequate?	-	
2. (a) Does Operator commingle production subject to DMEA royalties with exempt production?	X	
(b) If so, do you consider the allocation of the commingled production equitable?	X*	
3. (a) Does the Operator stockpile mine or mill rejects (low grade ore, tailing, middlings, etc.) that may have potential value within the royalty payment period?		X
(b) If so, are adequate records maintained on such material to protect the Government's interest?		-
4. Do you consider the assay controls in effect are adequate?	X	
5. Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	X	
6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA royalties?	X	
7. Does the Operator buy from or sell to other Operators?		X

8. Comment on any item 2 (b) to 6 if answer is No.

*I consider that there might have been some room for doubt on the small 1953 production due to poor accounting methods but entirely unintentional; entirely equitable in 1955-56. The productive operations were disbanded September 28, 1956.

Clinton C. Knox

Clinton C. Knox
Mining Engineer

Date March 5, 1957

82448

MAR 1[illegible]

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
P. O. Box 431
Joplin, Missouri

Re: Docket No. DMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Idm-E325

Dear Mr. Knox:

Enclosed herewith are the original and two copies of First Royalty Audit Certificate and Report pertaining to the above-cited project.

If you concur with the findings therein, the original should be forwarded to the Regional Finance Officer for filing with the contract, one of the copies should be furnished to the Operator, and the other copy should be retained in your files.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Enclosure

CEFisher/wb
March 11, 1957

Copy to: Docket
Admr. Reading File
Mr. Chambers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Mo.

March 5, 1957

RECEIVED MAR 7 1957

DATE	INITIALS	CODE
3/7	C	220
3/8	EEF	800

Mr. C. E. Fisher, Auditor
DMEA Contract Administration
and Audit Division
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA--2485(Lead-Zinc)
Contract No. Idm-E325
Dale Mining Company
Newton County, Mo.

Dear Mr. Fisher:

Thanks for your letters of February 20 and 26, respectively calling my attention to "Provided" clause deleted by Amendment #4 to the subject contract, and the erroneous impression given in my check sheet for you for the royalty audit on that contract.

The original and three copies of my corrected check sheet are enclosed.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
Executive Officer
DMEA Field Team, Reg. IV

encl. 4

cc: DMEA Op.Com.
2485 File(2)

FEB 26 1957

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
P. O. Box 431
Joplin, Missouri

Re: Docket No. DMEA-2255 (Lead-Zinc)
Contract No. Ida-F325
Dale Mining Company

Dear Mr. Knox:

I am returning check sheet of examining engineer pertaining to the subject contract with the request that further explanation be furnished or that the report be revised as you may find necessary upon further consideration.

My understanding was that the Operator does not buy from or sell to other operators, unless it could be that some quantities of ore may have been purchased at the Stark Mill. It would seem that if any ore were milled for other operators it would be handled on a toll basis. Perhaps your answer to Question No. 2 should be "No".

With respect to the footnote, I wonder whether "abandoned" is not too inclusive. I understand that mining operations have ceased but we have not as yet fully determined that Dale Mining Company has surrendered its lease, removed its equipment from the property, and taken other actions indicating abandonment. The notation "no further production to account for" should be omitted. See my letter to you dated February 20, 1957.

I wish to thank you for your many courtesies during my recent visit to Joplin and our tour of a part of Region IV.

Sincerely yours,

C. E. Fisher
DMEA Auditor

Enclosure

CEFisher/wb
February 26, 1957

Copy to: Docket
Admr. Reading File
Mr. Fisher

Box 431
Joplin, Missouri

February 20, 1957

Memorandum

To: DMEA Operating Committee, Washington, D. C.
Attn: Mr. C. E. Fisher, Contract Administration and Audit Division

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty Audit, Dale Mining Company, DMEA-2485, Certified Project Contract Idm-E325

Furnished herewith are the original and three copies of my check list in connection with the subject audit I assisted on in Bartlesville and Neosho last Wednesday, February 13.

Robert U. King
Acting for
Clinton C. Knox

CCK/jd

Enc.

cc: DMEA Op.Com.(2)
2485 file

EXTRA COPY
DMEA
RECEIVED FEB 25 1957

DATE	INITIALS	CODE

FEB 20 1957

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
Box 431
Joplin, Missouri

Re: Docket No. DMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Idm-2325

Dear Mr. Knox:

During our meeting with Gerald Klepinger of Dale Mining Company on February 13, 1957, the matter of surrender of that operator's lease of Patterson Mine property was discussed.

I called attention to the second sentence of Article 7 of the contract and particularly to that part beginning with the word "Provided" which stated that "surrender of a leasehold ~~xxx~~ coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance."

Since returning to Washington, I have noted that paragraph 3 of Amendment No. 4 has specifically deleted the "Provided" clause from Article 7. Thus the contract, as amended, provides that the operator shall not make any voluntary or involuntary transfer or conveyance of its rights in the land without making suitable provisions for the preservation of the Government's right to a percentage royalty.

I believe that you should call Mr. Klepinger's attention to the amendment so he will realize that abandonment of the leasehold will not release Dale Mining Company from the payment of any royalty that may accrue on production from the property subject to the contract even though the production may be accomplished by someone other than Dale Mining Company.

Sincerely yours,

SIGNED

C. E. Fisher
DMEA Auditor

CEFisher/wb
February 20, 1957

Copy to: Docket
Admr. Reading File
Mr. Chambers

JAN 30 1957

Mr. Clinton C. Knox
Executive Officer
DMA Field Team, Region IV
Box 431
Joplin, Missouri

Re: Docket No. DMA-1971 (Lead-Copper)
Contract No. Ida-148 (Amended)
National Lead Company

and

Docket No. DMA-2485 (Lead-Zinc)
Contract No. Ida-1325
Yale Mining Company

Dear Mr. Knox:

It is planned that Clarence F. Fisher, an auditor representative of this Division, will arrive at your office Tuesday morning, February 12, 1957, for the purpose of conducting an interim cost audit pertaining to contract Ida-148 and a first royalty audit of contract Ida-1325.

Such audits will include review of your records and those of the Regional Finance Officer, relating to these contracts as well as inspections of the accounting records kept by the operators. It is believed that the field audit work can be completed by the end of that week.

Will you please advise promptly whether the proposed date can be fitted into your schedule. If some other time will be more satisfactory to you please suggest a date.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

CF Fisher/ab
January 30, 1957

Copy to: Docket (2)
Admr. Reading File
Mr. Chambers

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

140

DEC 1 8 1956

Mr. Gerald Klepinger
Dale Mining Company
811 Kentland Drive
Neosho, Missouri

Re: Docket No. DMEA-2465 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Idm-8325

Dear Mr. Klepinger:

Mr. Clinton C. Knox, Executive Officer, Region IV, has forwarded to us for reply your letter to him, dated October 24, 1956.

We are in sympathy with the problem stated in your letter. However, as we find no advantage running to the Government from the facts stated in your letter, there is no legal basis upon which granting the request to reduce the royalty percentage could be supported. Therefore, it is regretted that your request must be denied.

Sincerely yours,

C. O. Mittendorf

Administrator

JWAlt/ HCRubin/wog
December 13, 1956
Copy to: DMEA Docket
Admin. Reading File
Operating Com.
J.L.Chambers
T.H.Kiilsgaard, USGS
O.M.Bishop
W.R.Griswold (2)
Field .Team, Reg. IV (2)
R.P.Dwyer
H.C.Rubin
Chron.

Dallas

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO.
14-23-060-05

$ 342.63

For credit of 411 Treasury Regio[redacted] Office, Dallas, Texas 1[redacted]-56
(Name, title, and disbursing or other identification symbol of accountable officer) (Date sent)

deposited with First National Bank & Trust Co., Muskogee, Okla.
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty: Contract IDM-E-325)	$342.63

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Bldg.
Bartlesville, Okla.

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

OCT 19 19[redacted]
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

RECEIVED
OCT 22 1956
Board of Health
Iowa

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Dallas

DEPOSIT NO. 14-23-060-04

For credit of 411 Treasury R[redacted]onal Office, Dallas, Texas [redacted]21-56
(Name, title, and disbursing o[redacted]r identification symbol of accountable officer) (Date sent)

deposited with First National Bank and Trust Co., Muskogee, Oklahoma
(Name and location of depositary)

$ 571.59

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior. (Royalty: Contract III-R-325)	$571.59

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

D S Gubert
(Authorized signature)

SEP 2 [illegible]
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

RECEIVED
SEP 26 1990
Bureau of Mines
Region IV

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

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV
Box 431
Joplin, Missouri

SEP 14 1956

Re: Docket No. DMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Idm-2325

Dear Mr. Knox:

The Washington office files pertaining to royalty collected under terms of the subject contract contain copies of settlement sheets on which royalty has been received applicable to the period December 1955, to July 1956, furnished by you in accordance with Operating Committee Minutes No. 134, March 25, 1953, however, we are unable to locate copies of the settlement sheets applicable to sales made during 1953 on which royalty amounting to $886.49 has been collected.

Will you please forward copies of such settlement sheets to complete the files of this office?

Incidentally, it is noted that your semi-annual report dated August 29, 1956, in connection with this certified project states that the expiration date of the royalty repayment is June 22, 1963. Your attention is directed to Amendment No. 4 which extended the repayment period to 12 years and to the Administrator's letter to the Operator dated February 6, 1956, transmitting the certification of discovery or development which showed the termination date to be June 22, 1964.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

Copy to: Docket
Admr. Reading File
Operating Committee
Mr. Kiilsgaard, USGS
Mr. Bishop, USBM
Mr. Griswold
Mr. Chambers

CKFisher/wb
September 13, 1956

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Dallas

DEPOSIT NO. 14-23-060-03

For credit of 411 Treasury Re[illegible]nal Office, Dallas, Texas [illegible]6-56
(Name, title, and disbursing o[illegible]er identification symbol of accountable officer) (Date sent)

deposited with First National Bank & Trust Co., Muskogee, Oklahoma
(Name and location of depositary)

$541.82

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty: Contract IDM-E-325)	$541.82

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

AUG 29 1956 [illegible]uthorized signature)

(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Dallas

DEPOSIT NO.
14-23-060-02

$549.73

For credit of 411 Treasury Regional Officer, Dallas, Texas [illegible]2-56
(Name, title, and disbursing [illegible]er identification symbol of accountable officer) (Date sent)

deposited with First National Bank & Trust Co., Muskogee, Okla.
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty: Contract IDX-[illegible]-325)	$549.73

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

AUG - 3 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

Dallas

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DEPOSIT NO. 14-23-060-01

For credit of 411 Treasury Regional Office, Dallas, Texas 7-2-56
(Name, title, and disbursing officer identification symbol of accountable officer) (Date sent)

deposited with First National Bank and Trust Co., Muskogee, Oklahoma
(Name and location of depositary)

$ 616.17

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty: Contract IDM-B-325)	$616.17

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

JUL - 3 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

RECEIVED
JUL 5 1988
Bureau of Mines
Region IV

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DALLAS
DEPOSIT NO.
14-23-060-05

For credit of 411 Treasury Regional Office, Dallas, Texas (Name, title, and disbursing or other identification symbol of accountable officer) 5-29-56 (Date sent)

deposited with First National Bank and Trust Company, Muskogee, Okla. (Name and location of depositary)

$ 710.04

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty Contract IBI E-325)	710.04

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

MAY 31 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

RECEIVED
JUN 1 1956
Bureau of Mines
Region IV

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Dallas
DEPOSIT NO.
14-23-040-4

For credit of 411 Treasury Regional Office, Dallas, Texas (Name, title, and disbursing or other identification symbol of accountable officer) 5-1-56 (Date sent)

deposited with First National Bank and Trust Co., Muskogee, Oklahoma (Name and location of depositary)

$ 681.67

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty - Contract IDM-F-325)	$681.67

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

APR 30 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

RECEIVED
MAY 2 1956
Bureau of Mines
Region IV

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Dallas

DEPOSIT NO. 14-23-040-3

For credit of 411 Treasury Regional Office, Dallas, Texas
(Name, title, and disbursing or other identification symbol of accountable officer)

(Date deposited)

deposited with First National Bank and Trust Co., Muskogee, Okla.
(Name and location of depositary)

$ 716.19

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty - Contract IDM-E-325)	$716.19

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

MAR 21 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

Bureau of Mines
Region IV

TRIPLICATE

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

THIS DEPOSIT IS NOT SUBJECT TO CHECK

DALLAS

DEPOSIT NO. 14-23-040-2

For credit of 411 Treasury Regional Office, Dallas, Texas 2-24-56
(Name, title, and disbursing officer identification symbol of accountable officer) (Date sent)

deposited with First National Bank and Trust Co., Muskogee, Okla.
(Name and location of depositary)

$ 549.70

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty - Contract IDM-E-325)	$549.70

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

(Authorized signature)

FEB 25 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59686b-1 GPO

RECEIVED
FEB 27 1956
Bureau of Mines
Region IV

STANDARD FORM 201 (Formerly Cert. of Deposit, Form 1)
Promulgated Oct. 1949 by Treasury Dept., Fiscal Service

DUPLICATE

THIS DEPOSIT IS NOT SUBJECT TO CHECK

Dallas

DEPOSIT NO.
14-23-040-1

$ 156.66

For credit of 411 Regional Disbursing Office, Dallas, Texas 1-24-56
(Name, title, and disbursing officer identification symbol of accountable officer) (Date sent)

deposited with First National Bank & Trust Co., Muskogee, Oklahoma
(Name and location of depositary)

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401	Revolving Fund, Defense Production Act, Interior (Royalty-Contract IDM-E-325)	$ 156.66

(Depositor will insert below his name, title, Department or Agency concerned, and his address)

Bureau of Mines
206 Federal Building
Bartlesville, Oklahoma

SPACE BELOW TO BE USED BY DEPOSITARY ONLY

I certify that the above amount has been received for credit in the account of the Treasurer of the United States on the date shown, subject to adjustment for uncollectible items included therein.

[illegible]
(Authorized signature)

JAN 25 1956
(Date of credit in Treasurer's account)

DEPOSITARY WILL DATE, SIGN, AND RETURN THIS TO DEPOSITOR FOR HIS RETAINED COPY

16—59683b-1 GPO

RECEIVED
JAN 26 1956
Bureau of Mines
Region IV

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. DMEA-6.-7

Sheet No. 1
14-23-060

Defense Minerals Exploration Administration (Department or Establishment) 514 Barfield Bldg., Amarillo, Texas (Bureau or Office)

Received by R. E. Waters, Regional Disbursing Officer (Name) (Title) at Dallas, Texas (Station)

Period December, 1953 (Month or quarter ended) D. O. Symbol No. 411

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
12-10-53	1	Dale Mining Co. 811 Kentland Drive Neosho, Mo., Company Check No. 6162 dated November 7, 1953	Repayment of Contract Idm-E-325 Docket No. DMEA-2485 for sale of ore. 4.3 T ore @ $130.11 = 559.47 5% $ 27.97	27.97	14X4401
			Total,	27.97	

Posted

RECEIVED
DEC 14 1953
R. E. Waters, R.D.O.
U.S. Treas. Dept.
Dallas

Received _____, subject to collection. Forwarded ~~12-11-53~~

_____ (Disbursing clerk or accountable officer)

By _____

By _____ Joe H. Cooley (Name)

Title Authorized Certifying Of

Certificate of Deposit No. 1088 dated DEC 15 1953

U. S. GOVERNMENT PRINTING OFFICE 10—1790

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

DMEA
Schedule No. 6.-6

Sheet No. 1
14-23-060

Defense Minerals Exploration Administration (Department or Establishment) 514 Barfield Bldg., Amarillo, Texas (Bureau or Office)

Received by R. E. Waters, Regional Disbursing Officer (Name) (Title) at Dallas, Texas (Station)

Period October, 1953 (Month or quarter ended) D. O. Symbol No. 411

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
10-8-53	1	Dale Mining Co. 811 Kentland Drive Neosho, Mo., Company Check No. 6102 dated October, 1953	Repayment on Contract Idm-E-325 Docket No. DMEA-2485 for sale of ore. 48.49 tons zinc, iron and cadmium @$67.77= $3,286.17 106.7 #cadmium $1.50 $160.05 Total $3,446.22 5% $ 172.31 *Less 136.29 $ 36.02 *Duplicate deposits were made on SF-1044s No. 6.-3, C.D. #113, on 7/17/53 and 6.-1, CD #2228,,on 5/11/53	36.02	14X4401
			Total,	36.02	

RECEIVED
OCT 13 1953
R. E. Waters, Jr.
U.S. Treas. Dep
Dallas

Received _____, subject to collection. Forwarded 10-9-53

(Disbursing clerk or accountable officer)

By _____

By _____
Joe H. Cooley (Name)
Title ~~Authorized Certifying Offic~~

Certificate of Deposit No. 683 dated OCT 14 1953

U.S. GOVERNMENT PRINTING OFFICE 10—1790

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Washington
Schedule No. DMEA 6.-5

Sheet No. 1

14-23-060

Defense Minerals Exploration Administration (Department or Establishment) 514 Barfield Bldg., Amarillo, Texas (Bureau or Office)

Received by R. E. Waters, Regional Disbursing Officer (Name) (Title) at Dallas, Texas (Station)

Period September, 1953 (Month or quarter ended) D. O. Symbol No. 411

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
9-10-53	1	Dale Mining Co. 811 Kentland Drive Neosho, Mo., Company Check No. 6042 dated Sept. 5, 1953	Repayment on Contract Idm-E 325, Docket No. DMEA-2485 for sale of ore 37.45 tons zinc & iron @ $69.34 = $2,596.78 42.26 tons zinc & iron @ $67.01 = $2,831.84 167.3 # cadmium @ $1.50 = $250.95 Total $5,679.57 5% $ 283.97	283.97	14X4401
			Total,	283.97	

RECEIVED SEP 14 1953 R. E. WATERS, R.D.O. U. S. TREAS. DEPT. DALLAS

Received _____, subject to collection. Forwarded September 10, 1953

(Disbursing clerk or accountable officer)

By _____ Ray C. Jonas (Name)

By _____ 480 SEP 15 1953 Title Authorized Certifying Officer

Certificate of Deposit No. _____ dated _____

U. S. GOVERNMENT PRINTING OFFICE 10—1790

Standard Form No. [illegible]—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

DMEA
Schedule No. 6-4

Sheet No. 1

14-23-060

Defense Minerals Exploration Administration (Department or Establishment) 514 Barfield Bldg., Amarillo, Texas (Bureau or Office)

Received by R. E. Waters, Regional Disbursing Officer (Name) (Title) at Dallas, Texas (Station)

Period July, 1953 (Month or quarter ended) D. O. Symbol No. 411

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
7-22-53	1	Dale Mining Co. 811 Kentland Drive Neosho, Mo., Company Check No. 5956 dated July 13, 1953	Repayment on Contract Idm-E-325 Docket No. DMEA-2485, for sale of ore. 31.485 tons zinc & iron @ $65.92 = $2,075.49 69.3 # cadmium @ $1.50 = $103.95 Total $2,179.44 5% $ 108.97	108.97	14X4401
			Total,	108.97	

RECEIVED
JUL 24 1953
R. E. WATERS, R.D.O.
U. S. TREAS. DEPT.
DALLAS

Received _____, subject to collection. Forwarded July 22, 1953

_____ (Disbursing clerk or accountable officer)

By _____

By _____ (Name)
Ray C. Jonas
Title Authorized Certifying Officer

Certificate of Deposit No. 163 dated JUL 27 1953

U. S. GOVERNMENT PRINTING OFFICE 10—1790

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTION

Schedule No. DMEA-6.-

Sheet No. 1

14-23-060

Defense Minerals Exploration Administration (Department or Establishment) 514 Barfield Bldg., Amarillo, Texas (Bureau or Office)

Received by R. E. Waters, Regional Disbursing Officer (Name) (Title) at Dallas, Texas (Station)

Period July, 1953 (Month or quarter ended) D. O. Symbol No. 411

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
5-28-53	1	Dale Mining Co. 811 Kentland Drive Neosho, Mo., Company Check No. 5532, dated 5-25-53	Repayment on Contract Idm-E-325 Docket No. DMEA-2485 for sale of ore. 37.35 tons zinc and iron @ $69.83 = $2,608.15 78.4 # cadmium @ $1.50 = $117.60 Total $2,725.75 5% $ 136.29	136.29	14X4401
			Total,	136.29	

RECEIVED
JUL 16 1953
R. E. WATERS, R.D.O.
U. S. TREAS. DEPT.
DALLAS

Received _____, subject to collection. Forwarded July 10, 1953

(Disbursing clerk or accountable officer)

By _____

By _____ (Name) Ernest G. Neu

Title Authorized Certifying Officer

Certificate of Deposit No. 113 dated JUL 17 1953

U.S. GOVERNMENT PRINTING OFFICE 10—1790

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION VI

OFFICE OF
REGIONAL DIRECTOR

ROOM 514 BARFIELD BUILDING
AMARILLO, TEXAS

June 17, 1953

Mr. Jay L. Chambers, Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Idm-E-325, DMEA-2485
Dale Mining Company

Dear Mr. Chambers:

As requested in your letter of June 12, 1953, we are enclosing copies of Schedules of Collections, Nos. 6.-1 and 6.-2, showing payments received from the Dale Mining Company for ore shipments.

A copy of Schedule of Collections No. 6.-1 was sent to you with a memorandum dated May 11, 1953.

Yours very truly,

Ray C. Jonas

Ray C. Jonas, Chief
Budget and Finance Branch
Region VI

Encl.
cc: William P. Williams

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. DMEA 6.-2

Sheet No. 1

14-23-060

Defense Minerals Exploration Administration (Department or Establishment) 514 Barfield Bldg., Amarillo, Texas (Bureau or Office)

Received by R. E. Waters, Regional Disbursing Officer (Name) (Title) at Dallas, Texas (Station)

Period June, 1953 (Month or quarter ended) D. O. Symbol No. 411

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
6-10-53	1	Dale Mining Co. 811 Kentland Drive Neosho, Mo., Company Check No. 5581, dated June 6, 1953	Repayment on Contract Idm-E-325 Docket No. DMEA-2485 for sale of ore. 45.115 tons zinc & iron @ $66.74 = $3,010.98 85.7 # cadmium @ $1.50 = $128.55 Total $3,139.53 5% $ 156.98	156.98	14X4401
			Total,	156.98	

RECEIVED JUN 15 1953 R. E. WATERS, R.D.O. U. S. TREAS. DEPT. DALLAS

Received _____, subject to collection. Forwarded June 11, 1953

(Disbursing clerk or accountable officer)

By _____

By _____

Joe H. Cooley (Name)

Title Chief, Adm. Division, Region VI
Authorized Certifying Officer

Certificate of Deposit No. 2492 Dated JUN 16 1953

☆ U. S. GOVERNMENT PRINTING OFFICE 16-51790

Mrs. Alley Run 7612

Standard Form No. 1044—Revised
Form approved by Comptroller General U. S.
June 25, 1936

SCHEDULE OF COLLECTIONS

Schedule No. DMA 6-2

Sheet No. 1

11-23-650

Defense Minerals Exploration Administration (Department or Establishment)

524 Fairfield Bldg., Amarillo, Texas (Bureau or Office)

Received by R. E. Nelson, Regional Disbursing Officer (Name) (Title) at Dallas, Texas (Station)

Period May, 1953 (Month or quarter ended)

D. O. Symbol No. 411

Date Received	Receipt Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
5/6/53	1	Dale Mining Co. 621 Rentland Drive Lacoste, Ho. Company Check No. 3461, dated 4/18/53	Repayment on Contract Ion-326, Docket No. Mon-2403 for sale of ore. 37.35 tons zinc and iron @ $69.63 = $2,600.16. 78.4 [illegible] copper @ $1.50 = $117.60 Total $2,725.79 5% $136.29	136.29	14X4401
	3461				
			TOTAL,	136.29	

Received _____, subject to collection. Forwarded May 6, 1953

_____ (Disbursing clerk or accountable officer)

By _____

By _____ (Name) Roy C. Jenne

Title ~~Authorized Certifying Officer~~

Certificate of Deposit No. 2228 dated May 11, 1953

U. S. GOVERNMENT PRINTING OFFICE 10—1790

JUN 1 2

Mr. Ray C. Jonas
DMEA Finance Officer
Bureau of Mines
514 Barfield Building
Amarillo, Texas

Re: Idm-E325, DMEA-2485
Dale Mining Company

Dear Mr. Jonas:

Our correspondence files reveal that the above referenced project has made several royalty repayments as a result of ore shipments. However, this Division has not received copies of the applicable Schedules of Collections as required by Paragraph 9 of DMEA Circular No. 19, dated April 17, 1952.

Please furnish this office copies of any Schedules of Collections which you may have issued.

Sincerely yours,

SIGNED

Jay L. Chambers, Chief
Contract Administration
and Audit Division

AMAlley/ama
June 12, 1953

Copy to: Admr. Reading File
Mails and Files
Mr. Chambers

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

Dale Mining Company
811 Kentland Drive
Neosho, Missouri

pertaining to Exploration Project Contract No. Idm-E325, Docket No. DMEA-2485, including Amendment Nos. 1, 2, 3, and 4, for the months of July 1952, to February 1955, inclusive, covering a project for the exploration of lead and zinc on property, known as the Patterson Mine located in Newton County, Missouri.

My review included an examination of the Monthly Reports (Forms MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, verification of work performed by reference to drill logs and Field Team reports, and a determination of the reasonableness and propriety of the costs.

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

> all of the costs incurred were under a contract provision for payment by the Government on the basis of agreed estimated costs of units of work actually performed.

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

Total cost as billed by Contractor		$21,820.80
Exceptions:		
By DMEA Finance Officer	$ -0-	
Herewith	-0-	-0-
Total Accepted Cost		$21,820.80

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Ten thousand nine hundred ten and 40/100 Dollars

$10,910.40

is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

E. D. Talbert, Auditor

March 13, 1956

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

MAR 14 1956

Mr. Clinton C. Enox
Executive Officer
DMEA Field Team, Region IV
Box 431
Joplin, Missouri

Re: Docket No. DMEA-2485 (Lead-Zinc)
Bale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Ida-2335

Dear Mr. Enox:

Enclosed are the original and two copies of a Report of Review, in lieu of a final audit of the referenced project, prepared on the basis of the final MF-104 (for February, 1955), your interim report to the Operating Committee under date of May 6, 1955, and copies of the drill logs.

If you concur with the facts stated in the Report of Review, the original and one copy should be forwarded to the regional Finance Officer and one copy should be retained in your files. If, for any reason, this Report of Review does not have your concurrence please return all copies to this Division.

According to the records of this Division the Government has paid to the Operator an aggregate amount of $20,760.40. The Report of Review validates a participation of $20,930.40 by the Government, indicating a balance due the Operator of $170.00. However, payment of this balance should be withheld until the Operator has submitted the final report required by Article 5 (b) of the contract.

After final payment has been effected, please advise this Division as to the date of payment and voucher number in order that our records may be complete.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

Enclosure

EDTalbert/wb
March 14, 1956

cc to: Docket
Admr. Reading File
Cora Piper
Messrs. Griswold and Chambers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
Box 431
Joplin, Missouri

RECEIVED
APR 20 1956

April 18,1956

DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: DMEA-2485 (lead-zinc)
Dale Mining Co.
Patterson Mine, Newton County, Mo.
Project Contract Idm-E325

Dear Sirs:

As per the attached memo copy, notification was received today that the Region IV Finance Officer certified the final settlement to the Operator under this account in accordance with the DMEA Auditor's final report of review. To complete your records, the voucher was in the amount of $150.00, Bureau No. DMEA-4.-3, paid April 16, 1956, to be posted on your copies of the Operator's February 1955 MF-104 report.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

CCK/enn

encl.
cc: DMEA Op.Com
Finance Officer, Reg.IV
2485 file

RECEIVED
MINERALS TECHNOLOGY
DIVISION
APR 18 1956
BUREAU OF MINES
JOPLIN, MO.
RECEIVED
APR 20 1956

April 17, 1956

Memorandum

To: Clinton C. Knox, Executive Officer,
DMEA Field Team, Region IV

From: Fiscal Officer, Region IV

Subject: Final payment - Contract IDM-E-325

Final payment Voucher No. 4.-3 in the amount of $150.00 payable to Dale Mining Company, Contract IDM-E-325 was paid by R. E. Waters, (Symbol 411), on April 16, 1956, Check No. 29573114.

Cora A. Piper

CAPiper:tjs
Enclosure

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

Wash. Copy

MINERALS TECHNOLOGY DIVISION

Budget Bureau No. 42-R1036.4
Approval expires 6-30-53.

MAR 8 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Bureau of Mines
Defense Minerals Administration JOPLIN, MO.
RECEIVED
MAR 28 1955

Month of [illegible], 195[illegible] Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name [illegible] Minerals [illegible]
Address [illegible]
Contract Amount, $[illegible] Government Participation: [illegible]% Amount, $[illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE			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	[illegible]	[illegible]	[illegible]			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]	[illegible]	[illegible]	1305.80		21,820.00

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

Date [illegible] *Payee [illegible]

Per G. E. Klepinger Title [illegible]

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

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

(Instructions on reverse)

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

$ 502.80

Signature
(Authorized Certifying Officer)

Date 3-23-55 Vou. No. 4-85

(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. Ldm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date March 15, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Clinton C. Knox Title Executive Officer Date March 15, 1955

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

RECEIVED
MINERALS TECHNOLOGY DIVISION
MAR 8 1955
BUREAU OF MINES
JOPLIN, MO.

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
MAR 28 1955

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

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

Date 3-7-1955 Operator [illegible]

Per [illegible] Title [illegible]

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Wash. Copy

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 28 1955

G. E. Klepinger

Note: Recess after hole 7-9 authorized by undated ltr. from E. Off. to Opr. confirming telephone approval of Feb. 25, 1955 (See Docket) Talbert 3/29/55

RECEIVED
MINERALS TECHNOLOGY
DIVISION
MAR 8 1955
BUREAU OF MINES
JOPLIN, MO.

Wash. Copy

DEPARTMENT OF THE INTERIOR
Bureau Mines Administration
RECEIVED
MAR 28 1955

[illegible]

[illegible]

[illegible]

[illegible] (Submitted) [illegible]

[illegible]
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

RECEIVED
MINERALS TECHNOLOGY
DIVISION

MAR 8 1955

BUREAU OF MINES
JOPLIN, MO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
[redacted].

P. O. Box #431
Joplin, Missouri

March 24, 1955

DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Project Contract Idm-E325
Dale Mining Company
Newton County, Missouri
Docket DMEA-2485 (lead-zinc)

Dear Sirs:

Transmitted herewith are the two copies of this Operator's MF-104 Report for February, 1955, with your second copy of the attachments that were sent to you on March 15. Please note that I since have corrected some drill hole location numbers on this print of the Operator's map as you may wish to do on the one sent to you then.

Upon receiving this report on March 8, and the prints of the maps on March 11, it was approved and forwarded to the Certifying Officer at Bartlesville on March 15 with the instruction to withhold payments of the Government's share on $300 of the Operator's Claim to secure rendition of its Final Reports to the Government. Notice that it had been certified accordingly was received today, as per the attached Memo copy.

Sincerely yours,

Clinton C. Knox

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

CCK/vks
Enclosure

cc: DMEA Oper Comm/w.c. Memo
Reg. IV Finance Officer
2485 file

TELEPHONE 532

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

DEPARTMENT OF THE INTERIOR
Bureau of Mines
Minerals Administration
RECEIVED
MAR 28 1955

Hole 29

JOPLIN, MISSOURI, March - 8 1955

SAMPLE MARK	RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
220 - 222½	0.70 = 1.17			0.21 = 0.3			

RECEIVED
MINERALS TECHNOLOGY
DIVISION
MAR 8 1955
BUREAU OF MINES
JOPLIN, MO.

C. V. Millar Chemist

To Hole Mg Co.

Fee $

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 28 1955

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole; Attached map

Hole No. 29

Farm Name; Patterson

Location; NE¼; Sec. 30 T. 25; R. 30

Lease; Patterson

Drillers; Patterson & Miller

Contractor; Dale Mining Co.

Started; Feb. 18, 1955

Water stands; 40'

Finished; March 4, 1955

Depth; 261'

From	To	Description
0	27½	Soil & clay
27½	45	Gray lime, gray flint
45	80	Gray brown lime, gray flint
80	90	Oollite, brown lime
90	145	Gray brown lime, gray flint
145	215	Brown gray lime, gray flint
215	220	Gray brown flint, brown gray lime
220	222½	Gray brown flint, spar, Lead & Zinc shines
222½	225	Gray brown flint, Lead trace
225	240	Gray brown flint
240	242½	" " " , brown lime
242½	245	" " "
245	247½	Gray brown blue flint; Zinc trace
247½	257½	" " " "
257½	261	" " " " , Gray lime

Analysis

		60% Zinc	80% Lead
220'	222½	1.17	0.31

RECEIVED
MINERALS TECHNOLOGY
DIVISION
MAR 8 1955
BUREAU OF MINES
JOPLIN, MO.

DUPLICATE

TELEPHONE 532

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

JOPLIN, MISSOURI.

RECEIVED MINERALS TECHNOLOGY DIVISION MAR 8 1955 BUREAU OF MINES JOPLIN, MO.

Hole #28

Feb 18 1955

SAMPLE MARK	RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
217½' - 222½'	2.20 =	3.67½	Jacket 60%	0.50 =	0.53		
222½ - 232½	1.05 =	1.75 "	" "	0.10 =	0.13	"	"
240' - 245'	1.20 =	2.00 "	" "				
245' - 247½'	0.60 =	1.00 "	" "	0.20 =	0.25	"	"
247½' - 252½'	1.80 =	3.00 "	" "				
257½ - 262½'	0.70 =	1.17 "	" "				
270' - 277½'	0.45 =	0.75 "					

Metal Metal

C. V. Millar Chemist

To Deale Mfg Co.

Fee $

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 28 1955

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole; # 320' E. of Hole 6 — Hole; No. 28

Farm Name; Patterson — Location; NE¼; Sec. 30 T. 25; R. 30

Lease; Patterson

Contractor; Dale Mining Co. — Drillers; Patterson; Miller

Started; Jan. 26, 1955 — Water stands at 30'

Finished; Feb. 16, 1955 — Depth; 283'

From	TO	Description
0	27½	Soil & clay
27½	45	Gray lime, gray flint
45	75	Gray brown lime, gray flint
75	85	Oollite, brown lime
85	160	Gray brown lime, gray flint
160	217½	Brown gray lime, gray flint
217½	220	Gray brown blue flint; Zinc & Lead
220	222½	Gray brown flint; Zinc & trace Lead
222½	227½	Gray brown flint; trace Zinc
227½	230	Gray brown flint, little gray lime; trace Zinc
230	232½	Gray brown flint & brown lime; trace Zinc
232½	240	Gray brown blue flint
240	245	" " " " ; Zinc
245	247½	Gray brown blue flint; trace of Zinc & Lead
247½	252½	" " " " ; Zinc
252½	255	" " " " ; trace Zinc
255	257½	Gray brown blue flint
257½	262½	" " " " ; Zinc shines
262½	265	Gray brown blue flint
265	267½	" " " " ; some pyrite
267½	270	" " " " .
270	277½	" " " " ; Zinc shines
277½	283	Gray brown blue flint; gray lime

ANALYSIS

		Zinc 60%	Galena 80%
217½	222½	3.67	.63
222½	232½	1.75	.13
240	245	2.00	
245	247½	1.00	.25
247½	252½	3.00	
257½	262½	1.17	
270	277½	.75	

RECEIVED
MINERALS TECHNOLOGY
DIVISION
MAR 8 1955
BUREAU OF MINES
JOPLIN, MO.

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

Wash. Copy

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 1955 Docket No. DMEA 2405 Contract No. IDM-E325
Operator's Name DALE MINING COMPANY Minerals
Address NEOSHO, MISSOURI Lead & Zinc
Contract Amount, $ 31,104.00 Government Participation 50% Amount, $15,552.00

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 18 1955

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 531' @ 2.40	1274.40	19,240.80	20,515.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1274.40	19,240.80	20,515.20	1274.40	19240.80	20,515.20

RECEIVED
MINERALS TECHNOLOGY DIVISION
FEB 1 1955
BUREAU OF MINES
JOPLIN, MO.

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

Date 2-1-1955 *Payee DALE MINING COMPANY

Per Gerald Rhyander Title Partner

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

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

(Instructions on reverse)

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

$ 637.20

Signature
(Authorized Certifying Officer)

Date 2-9-55 Vou. No. 82

(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. DMA-E 325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Feb. 2, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Clinton C. Knox Title Executive Officer Date Feb. 2, 1955

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

RECEIVED

DALE MINING COMPANY

Narrative Report
January, 1955

Docket DMEA-2485 (lead-zinc) Project Contract Idm-E325

Patterson Lease
Near Granby, Newton County, Mo.

Churn drill holes No. 26A and 27

Attached hereton are the MF-104 and MF-104A Reports for the January project work, with the log and sample assays for holes 26A and 27, located with concurrence of the Field Team Executive.

Since abandoning hole 26 we moved 30' south and drilled hole 26A. This hole showed 45' of sub-marginal zinc mineralization.

With the approval of the Field Team Executive we drilled hole 27. This showed very good zinc and lead mineralization.

RECEIVED
MINERALS PROCUREMENT
DIVISION
FEB 1 1955
BUREAU OF MINES
JOPLIN, MO.

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
FEB 16 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of JANUARY 1955 Docket No. DMEA 2485 Contract No. IDM-E325
Operator's Name DALE MINING COMPANY Minerals Lead & Zinc
Address NEOSHO, MISSOURI

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	Foot	1274.40	531	20,515.20	8548	2.40	12,960	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1274.40	531	20,515.20				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1274.40		20,515.20				31,104.00

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 2-1-1955 Operator DALE MINING COMPANY

By Gerald Klepsinger Title Partner

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

(Instructions on reverse)

Remarks:

(For Government use only)

RECEIVED
MINERALS TECHNOLOGY
DIVISION
FEB 1 1955
BUREAU OF MINES
JOPLIN, MO.

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

TELEPHONE 532

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

JOPLIN, MISSOURI, Jan 12 1955

DEPT. OF THE INTERIOR
Defense Minerals Administration
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FEB 16 1955

Hole 26 A

SAMPLE MARK	RESULTS IN PER CENT						
	ZINC	IRON	~~MOISTURE~~	LEAD	LIME	SULPHUR	CADMIUM
210' – 220'	0.36	= 0.60%	Jack	60%	Grade		
249½ – 255'	0.90	= 1.50	"	"	"	"	"

C. V. Millar Chemist

To Hale Mfg Co.

Fee $

Defense Minerals Administration
RECEIVED
FEB 16 1955

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole;	365' N of Hole 6 237' E of B of Hole 3	Hole;	26A
		Location;	NE¼ Sec. 30 T. 25; R. 30
Farm Name;	Patterson		
Lease;	Patterson	Drillers;	Patterson; Miller
Contractor;	Dale Mining Co.	Water stands;	40'
Started;	Dec. 20, 1954	Depth;	261'
Finished;	Jan. 6, 1955		

From	To	Description
0	31	Soil & clay
31	65	Gray yellow lime, lit to gray flint
65	80	Gray brown lime, gray flint
80	90	Oolitic, brown lime
90	125	Gray brown lime, gray flint
125	200	Brown gray lime, gray flint
200	210	Gray brown flint, gray brown lime
210	220	Gray brown lime flint; trace zinc
220	222½	" " " " "
222½	225	" " " " " trace zinc
225	237½	" " " " "
237½	240	" " " " " trace zinc
240	247½	" " " " "
247½	255	" " " " " Minor zinc
255	261	Gray brown lime flint; gray lime

Analysis

210	220	.60 % zinc ("" ac4") ac4.
247½	255	1.50 " " " "

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DIVISION
FEB 1 1955
BUREAU OF MINES
JOPLIN, MO.

DUPLICATE

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

TELEPHONE 532

Bureau of Mines
Bureau of Mineral Administration
RECEIVED
FEB 18 1935

Hole 27

JOPLIN, MISSOURI, Jan 27 1935

SAMPLE MARK	RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
215' ~~221½~~ 222½ ~~221½~~	4.15 =	6.92	4.60	1.07 =	1.34	Indian	50 %
222½ - 227½	1.00 =	1.70	" "	0.12 =	0.15	"	" "
227½ - 242½	1.25 =	2.10	" "				
242½ - 247½	1.40 =	2.33	" "	0.62 =	0.77	"	" "
247½ - 255'	1.00 =	1.70	" "				
260' - 265'	1.80 =	3.00	" "	"			

C. V. Millar Chemist

To Deale Mng Co

Fee $

Defense Minerals Adm.
RECEIVED
FEB 16 1955

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole; 321' SE of Hole 3
302' N of E of Hole 6

Hole No. 27

Location; NE¼; Sec. 30
T. 25; R. 30

Farm Name; Patterson

Lease; Patterson

Drillers; Patterson & Miller

Contractor; Dale Mining Co.

Started; Jan. 10, 1955

Water stands; 80'

Finished; Jan. 25, 1955

Depth; 270'

From	To	Description
0	31	Soil & clay
31	40	Gray yellow lime; gray flint
40	75	Gray brown lime, gray flint
75	85	Oollite, brown lime
85	165	Gray brown lime, gray flint
165	215	Brown gray lime, gray flint
215	222½	Gray brown blue flint; Good Zinc & lead
222½	227½	Gray brown blue flint; Zinc; lead shines
227½	237½	Gray brown blue flint
237½	240	" " " " ; Zinc
240	242½	Gray brown blue flint; Zinc shines
242½	245	Gray brown blue flint
245	247½	Gray brown blue flint; Zinc & Lead shines
247½	255	" " " " ; Zinc shines
255	260	Gray brown blue flint
260	262½	" " " " ; Zinc
262½	265	" " " " ; Zinc traces
265	270	Gray brown blue flint; gray lime

Analysis

215	222½	6.92	60% Zinc	1.34	Galena	(80% Pb) 66%
222½	227½	1.70	"	.15	"	"
227½	242½	2.10	"			
245	247½	2.33	"	.77	"	"
247½	255	1.70	"			
260	265	3.00	"			

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DIVISION
FEB 1 1955
BUREAU OF MINES
JOPLIN, MO.

Defense Minerals Administration
RECEIVED
FEB 16 1955

February 11, 1955

Memorandum

To: Clinton C. Knox, Executive Officer, DMEA Field Team, Joplin, Missouri

From: L. A. Hill, Acting Chief, Division of Administration, Region IV, Bartlesville, Oklahoma

Subject: January MF-104, IDM-E-325

January MF-104, Contract IDM-3-325, Voucher No. 62, was paid in the amount of $637.20, February 9, 1955 on D.O. Voucher No. 53174 by R. E. Waters, Regional Disbursing Officer, Symbol 411, Dallas, Texas.

L. A. HILL

CAP/ir

RECEIVED
TECHNOLOGY
DIVISION
FEB 14 1955
BUREAU OF MINES
JOPLIN, MO.

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

RECEIVED MINERALS TECHNOLOGY DIVISION

Wash. DEPARTMENT OF THE INTERIOR Defense Minerals Administration

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

RECEIVED JAN 20 1955

UNITED STATES DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

JAN 6 1955 BUREAU OF MINES JOPLIN, MO.

Month of December 1954 Docket No. DMEA 2485 Contract No. Idm-E325

Operator's Name: Dale Mining Company

Address: Neosho, Missouri

Minerals: Lead & Zinc

Contract Amount, $ 31,104.00 Government Participation: 50% Amount, $ 15,552.00

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 Contractors: Short Form						
Drilling: 266' at 2.40	638.40	~~18,598.40~~	~~19,236.80~~	638.40	18,602.40	19,240.80 CCH
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	~~638.40~~	~~18,598.40~~	~~19,236.80~~	638.40	18,602.40	19,240.80 CCH

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

Date 1-7-1955 *Payee DALE MINING COMPANY

Per Gerald K. Springer Title Partner

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

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

(Instructions on reverse)

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

$ 319.20

Signature (Authorized Certifying Officer)

Date Jan. 14, 1955 Vou. No. DMEA 81

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Jan. 7, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Clinton C. Knox Title Executive Officer Date Jan. 7, 1955

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

DEPARTME
Defense Mine
RECE
JAN 20 1955

DALE MINING COMPANY

Narrative Report
December, 1954

Docket DMEA-2485 (lead-zinc) Project Contract Idm-E325

Patterson Lease
Near Granby, Newton County, Mo.

Churn drill holes No. 25 and 26

Attached hereto are the MF-104 and MF-104A Reports for the December project work, with the log and sample assays for hole 25, located with the concurrence of the Field Team Executive, as per the sketch attached to his December 2 letter. Since churn drilling of hole 26 had to be abandoned at 40 feet in depth, after much time had been lost due to encountering difficulties, no claim was made on the MF-104 for the cost of that drilling.

The sub-marginal zinc mineralization in the samples from hole 25 indicated the northward limitation of the ore found last month in hole 24.

Although retarded by a heavy snow storm after Christmas, drilling of hole No. 26A is in progress, located about 240 feet S65°E of hole 3, as approved by the Field Team Executive, confirmed by his December 22 letter.

Form MF-104A
(April 1952)

RECEIVED
MINERALS TECHNOLOGY
DIVISION
JAN 6 1955
BUREAU OF MINES
JOPLIN, MO.

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1955

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

Month of December 1954 Docket No. DMEA 2485 Contract No. Idm-E325
Operator's Name DALE MINING COMPANY Minerals
Address Neosho, Missouri Lead & Zinc

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core				19,240.80	8017	2.40	12,960	2.40
Churn	Foot	638.40	266	~~19,236.80~~				
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		638.40	266	~~19,236.80~~ 19,240.80				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		638.40	266	19,240.80 ~~19,236.80~~				31,104.00

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 1-7-1955 Operator DALE MINING COMPANY

Per Gerald Klopenger Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

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

DUPLICATE

TELEPHONE 53

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

JOPLIN, MISSOURI.

RECEIVED JAN 20 1955

RECEIVED JAN 3 1955 BUREAU OF MINES

Hale 25

Dec 18 1954

SAMPLE MARK	RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
235' - 237½'	0.85 = 1.42 %						
237½ - 240'	0.35 = 0.58						
247' - 250'	2.10 = 3.50						
250' - 255'	1.45 = 2.40						

Metal

each 60% grade

C. V. Millar ..... Chemist

To Hale Mng Co

Fee $.....

RECEIVED
MINERALS TECHNOLOGY
DIVISION
JAN 6 1955
BUREAU OF MINES
JOPLIN, MO.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1955

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole; 160' NE of Hole 12
340' NNW of Hole 3

Hole No. 25

Location; NE¼; Sec. 30
T. 25; R. 30

Farm Name; Patterson

Lease; Patterson

Drillers; Patterson & Miller

Contractor; Dale Mining Co.

Water stands at 50'

Started; Dec. 1, 1954

Depth; 266'

Finished; Dec. 16, 1954

From	To	Description
0	29	Soil & clay
29	40	Gray lime, gray flint
40	80	Gray brown lime, gray flint
80	90	Oollite, brown lime
90	110	Gray brown lime, gray flint
110	125	Gray lime, little gray flint
125	165	Gray brown lime, gray flint
165	175	Gray lime, gray flint
175	200	Gray brown lime, gray flint
200	220	Gray brown blue flint, gray brown lime
220	235	" " " "
235	237½	" " " " , Zinc
237½	240	" " " " , trace Zinc
240	247½	Gray brown blue flint
247½	250	" " " " , Zinc
250	255	" " " " , shines Zinc
255	266	Gray brown blue flint, little gray lime.

Analysis

235	237½	1.42	60% Zinc C.C.K.
237½	240	.58	"
247½	250	3.50	"
250	255	2.40	"
		8	13.0
		3	2.17

RECEIVED
Labor Charges
FEB 20 1955

January 17, 1955

Memorandum

To: Clinton C. Knox, Executive Officer, DMEA Field Team, Region IV.

From: L. A. Hill, Acting Chief, Division of Administration, Region IV.

Subject: December Voucher - Contract ITR-E-325

The above mentioned voucher was numbered DMEA-81 and paid in the amount of $319.20 on January 14, 1955 by R. E. Waters, Symbol A11, Dallas, Texas.

Please note that amount in column "Totals previously Reported" should be $18,602.40 instead of $18,598.40 and totals in column "Totals to Date" should be $19,240.80 instead of $19,236.80. Please make these corrections on your copies.

L. A. HILL, Acting Chief
Division of Administration
Region IV

CAP/ir

RECEIVED
METALLURGY DIVISION
JAN 18 1955
BUREAU OF MINES
JOPLIN, MO.

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 November, 195[illegible] Docket No. DMEA2[illegible] Contract No. [illegible]
Operator's Name Dale Mining Company Mineral Lead-Zinc
Address Neosho, Missouri
Contract Amount, $31,104.00 Government Participation 50 % Amount, $15,552.00

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 520' at 2.40	1,248.00	17,354.40	18,598.40	1,248.00	17,354.40	18,602.40
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,248.00	17,354.40	18,598.40			

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

Date 12-13-1954 *Payee DALE MINING COMPANY

Per Gerald Klopmeyer Title Partner

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

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

(Instructions on reverse)

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

$ 624.00

Signature C. A. Piper
(Authorized Certifying Officer)

Date 1/10/55 Vou. No. 80

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Dec. 22, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Clinton C. Knox Title Executive Officer Date Dec. 22, 1954

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-R1151.1
Approval expires 6-30-53

Defense Minerals Administration
RECEIVED
DEC 6 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1954 Docket No. DMEA 2409 Contract No. 1[illegible]-5925
Operator's Name Dale Mining Company Minerals Lead-Zinc
Address Neosho, Missouri

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	Foot	1,248.00	520	18,592.40	7,751	2.40	12,960	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1,248.00	520	18,592.40				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1,248.00		18,592.40				31,104.00

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 Dec. 13, 1954 Operator DALE MINING COMPANY

Per Gerald K. Lepsinger Title PARTNER

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Wash. Copy

Defense Minerals Administration
RECEIVED
DEC 1954

DALE MINING COMPANY

Narrative Report
November, 1954

Docket DMEA-2485 Zinc and Lead

Patterson Lease
Holes 23 & 24

Due to Mr. C. C. Knox's letter of December 2, 1954, in which hole No. 22 was disapproved, I have deducted 275' from the total drilling and $660.00 from the cost on this drilling project under amendment No. 3.

Enclosed find forms MF 104 and MF 104A, the drill logs, and sample assays on the above holes drilled during November.

In protest of the disapproval of hole No. 22, it was drilled for the purpose of getting back on the main run of ore, if it went out that direction from the mine, so seemed very important to drill before holes 23 and 24. Holes 23 and 24 which have just been completed and proposed holes 25 and 26 will show if our run of ore extends to the north or to the east.

RECEIVED
MINERALS TECHNOLOGY
DIVISION

DEC 13 1954

BUREAU OF MINES
JOPLIN, MO.

Received

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole;	97' East of hole 22 138' NE of hole 3	Hole No. 23	
Farm Name;	Patterson	Location;	NE¼; Sec. 30 T. 25; R. 30
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Oct. 29, 1954	Water stands	40'
Finished;	Nov. 16, 1954	Depth;	" 255'

From	To	Description
0	30	Soil & clay
30	40	Gray lime, gray flint
40	80	Gray brown lime, gray flint
80	90	Oollite, brown lime
90	150	Gray brown lime, gray flint
150	200	Brown gray lime, gray flint
200	232½	Gray brown blue flint; little brown lime
232½	235	Brown blue gray flint
235	242½	Gray brown blue flint; trace Zinc
242½	252½	" " " " ; little spare
252½	255	" " " " ; little gray lime

DUPLICATE

CERTIFICATE OF ANALYSIS

TELEPHONE 532

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

JOPLIN, MISSOURI, Dec 5 1954

SAMPLE MARK	RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
[illegible]	0.70	1.17	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	0.70	1.50	"	"	"		

C V Millar Chemist

To [illegible]

Fee $

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole; 187' East of hole 12
96' N.N.West hole 22

Hole No. 24

Location; NE¼; Sec. 30
T. 25; R. 30

Farm Name; Patterson

Lease; Patterson

Contractor; Dale Mining Co.

Drillers; Patterson & Miller

Started; Nov. 17, 1954

Water stands; 40'

Finished; Nov. 30, 1954

Depth; 265'

From	To	Description
0	29	Soil & clay
29	40	Gray lime; gray flint
40	80	Gray brown lime, gray flint
80	90	Collite, brown lime
90	140	Gray brown lime, gray flint
140	205	Brown gray lime, gray flint
205	230	" " " , gray blue flint
230	235	Gray brown blue flint
235	237½	" " " " , trace Zinc
237½	240	" " " " , Zinc
240	242½	" " " " , trace Zinc
242½	247½	Gray brown blue flint
247½	250	" " " " , trace Zinc
250	252½	" " " " , Good Zinc
252½	255	" " " " , Zinc shines
255	257½	" " " "
257½	265	Gray brown blue flint; little brown lime

		Analysis	
		1.17	
235'	242½	~~1.47~~	Zinc
247½	255	4.50	Zinc

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

P. O. Box #431
Joplin, Missouri

December 22, 1954

Mr. H. N. Smith, Regional Director
U. S. Bureau of Mines
218 Federal Building
Bartlesville, Okla.

Re: Project Contract Idm-E325
Dale Mining Co.
Patterson Mine
Newton County, Mo.
Docket DMEA-2485 (lead-zinc)
Attention: Field Finance Officer, Region VI

Dear Sir:

Transmitted herewith is the original of the subject Operator's Monthly Report for the work done in November, 1954, as approved in this office for your certification for the Government's participation payment.

Please advise me of the amount, the Certifying Officer's name, the date, and Voucher number for the Certification to the disbursement office as required by the DMEA Contract Administration and Audit Division to be posted on the lower right corner of my copy and the two Washington copies of the MF-104 claim of the Operator.

With the Season's Greetings, I remain,

Very sincerely yours,

Clinton C. Knox
Executive Officer
DMEA Field Team, Region VI

CCK-vks

Encl.

cc: DMEA Op. Comm. (2)
2485 file

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

P. O. Box #431
Joplin, Missouri

December 22, 1954

Mr. Gerald Klepinger, Executive Partner
Dale Mining Co.
811 Kentland Drive
Neosho, Missouri

Re: Project Contract Idm-E325
Dale Mining Co.
Newton County, Mo.
Docket DMEA-2485 (lead-zinc)

Dear Gerald:

Your Monthly Report and MF-104 claim received on December 13, for the two holes churn drilled on your project during November, 1954, has been approved in this office today and the original forwarded for Certification for payment to the new Regional Finance Officer at the regional headquarters of the Bureau of Mines recently moved to 218 Federal Building, Bartlesville, Okla.

Enclosed herewith are five copies each of forms MF-104 and MF-104A for use in preparing your December project reports.

Also consider this as formal approval of the location of hole No. 26A, about 25 feet southeast of hole No. 26, the location of which was previously approved. I regretted to learn from your long distance telephone call yesterday, that drilling in hole 26 had to be abandoned at 40 feet in depth due to crevices, bad slides, boulders, etc., but that sometimes may be unavoidable in Tri-State explorations. The changed location you proposed no doubt may be just as favorable. Also I regret to say, as you know, that I will not approve Government participation in costs of abandoned holes.

With the best of the Season's Greetings, I remain

Very sincerely yours,

Clinton C. Knox
Executive Officer
DMEA Field Team, Region VI

CCK/vks
Encl. (10)
cc: DMEA Op. Com. (2)
Regional Finance Officer, Bartlesville
2485 file

JAN 24 1955

Mr. Clinton C. Knox
Executive Officer
DMA Field Team, Region IV
Bureau of Mines
Rolla, Missouri

Re: Docket No. DMA-2435 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Idm-[illegible]

Dear Mr. Knox:

We have your letter of January 17, regarding payments under the cited contract. You may be very sure that we wish, at all times, to be of maximum assistance to the Field members.

In the particular case referred to, the contract stipulates "the location, direction and inclination of all holes shall be subject to the approval of the Government". Therefore, when we received your memorandum of December 2 signifying disapproval of drill hole No. 22, we considered the question as closed.

In your letter of December 22 you stated: "Because of the Operator's implied reclaim . . . . I therefore, thought the Contract Administration and Audit Division . . . . . might wish to review the disallowance . . . . . ."

We thereupon complied with your suggestion and referred the matter to this division. After review, they advised us that, under the contract terms, the only applicable criterion for payment was whether or not the hole drilled was acceptable to the Executive Officer. We so advised you on January 10.

Let us repeat that we shall endeavor to assist the Field in every manner possible to us at all times. On the other hand, when your considered judgment has been that an item of work was done in an ill-advised manner that does not warrant your approval, we would actually be doing you a disservice if we did not respect your judgment.

Referring to the final paragraph of your letter regarding the location at Rolla, we were merely conforming to arrangements which we understood had already been made by the Bureau of Mines. We have no preference of location of the Regional Office between Rolla and Joplin, because the Certifying Officer is not located at either place; nor are we aware that any movement has been made or contemplated to replace you as Executive Officer of Region IV.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

WRGriswold/er 1/21/55

Copy to: Docket
Admr. R. File
Op. Committee
Base Metals
Mr. Hofflund, Asst. Actg Solicitor
Mr. J. Chambers
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

500

JAN 1 0 1955

Mr. Clinton C. Knox
Executive Officer
DMEA Field Team, Region VI
Post Office Box 431
Joplin, Missouri

Re: Docket No. DMEA-2465 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. 14-08-0325

Dear Mr. Knox:

This is to acknowledge your letter of December 28, 1954, regarding the cited contract. With reference to the last paragraph of this letter, we wish to advise you that the allowance or disallowance for payment of the drilling of hole No. 22 is dependent on your determination as to whether this hole is acceptable under the terms of the contract. The Contract Administration and Audit Division will be governed in their certification by your decision.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

APPROVED:

J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

JWAlt/er 1/5/55
Copy to: Docket
Admr R File
Op. Committee
Mr. Bishop, BLM
Mr. Kiilsgaard, USGS
Chron.
Mr. Chambers

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

P. O. Box #431
Joplin, Missouri

December 22, 1954

DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Project Contract Idm-E325
Dale Mining Co.
Patterson Mine, near Granby,
Newton County, Mo.
Docket DMEA-2485 (lead-zinc)

Dear Sirs:

Transmitted herewith are the two copies of the subject Operator's October Report, and the two copies of its November Report on the exploration work, as required by your office.

The original of the October Report was forwarded to the Regional Certifying Officer of the Bureau of Mines at Amarillo on December 2, and that of the November Report has been forwarded today to the recently established Bartlesville Region VI (IV?) Office of the Bureau where that officer presumably now is located.

When the vouchering data which has been requested, is received for posting as you require on the lower right corner of your copies of the MF-104 claims, I will forward that information immediately. Possibly some delay may be caused by the moving and reorganization of the Regional Office.

Because of the Operator's implied reclaim of the $660 we disallowed on its October MF-104 claim, I therefore, thought the Contract Administration and Audit Division without further delay, might wish to review that disallowance in the light of my December 2 Interim Report to you.

Very sincerely yours,

Clinton C. Knox
Executive Officer
DMEA Field Team, Region VI

CCK/vks

Encl. (4)

cc: DMEA Op. Com. (1)
Regional Finance Officer, Bartlesville
Waldrop, Amarillo
2485 file

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 OCTOBER 195 4 Docket No. DMEA 2485 Contract No. IDM E 325
Operator's Name DALE MINING COMPANY Minerals Zinc & Lead
Address NEOSHO, MO.
Contract Amount, $ ~~#~~ 31,104.00 Government Participation: 50 % Amount, $ 15,552.00

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 Contracts: Short Form Drilling 540' - 2.40	1296.00	16,718.40	18,014.40	636.00	16,718.40	17,354.40
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1296.00	16,718.40	18,014.40			

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

Date Nov. 15 1954 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 318.00

Signature
(Authorized Certifying Officer)

Date Vou. No.
(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. ..... in accordance with the terms of the contract.

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

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-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of OCTOBER 1954 Docket No. DMEA 2485 Contract No. IDM E- 325
Operator's Name DALE MINING CO.
Address NEOSHO, MO.
Minerals Zinc & Lead

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	Foot	1296.00	540	18,014.40	7506	2.40	12,960	2.40
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1296.00	540	18,014.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1296.00	540	18,014.40				31,104.00

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

Date Nov. 5, 1954 Operator Dale Mining Co.
Per Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Wash. Copy

RECEIVED
MINERALS TECHNOLOGY
DIVISION

NOV 17 1954

BUREAU OF MINES
JOPLIN, MO.

DALE MINING COMPANY

Narrative Report

Docket DMEA 2485 Zinc & Lead

Patterson Lease
Holes 21 & 22

Enclosed find forms MF- 104 and MF- 104A, and the drill logs on the above holes.

These two holes show good zinc which makes our reserves around No. 3 hole much larger. We are very encouraged from these last holes.

Sincerely yours;

Gerald Klepinger

DALE MINING CO.

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole:	400' NE. of hole No. 3 343' NE. of hole No. 22	Hole No. 21	
Farm Name;	Patterson	Location;	NE¼; Sec. 30 T. 25; R. 30
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Sept. 23, 1954	Water stands;	30'
Finished;	Oct. 9, 1954	Depth;	265'

From	To	Description
0	29½	Soil & clay
29½	40	Gray lime, little gray flint
40	80	Gray brown lime, gray flint
80~~85~~	85	Oollite, brown lime
85	145	Gray brown lime, gray flint
145	155	Gray brown lime, gray brown flint
155	205	Gray brown lime, gray brown flint
205	212½	Gray brown blue flint; Zinc
212½	217½	" " " "
217½	220	" " " " ; Zinc
220	222½	" " " " ; trace Zinc
222½	230	Gray brown blue flint
230	232½	" " " " , gray lime
232½	237½	Gray brown blue flint
237½	240	" " " " ; shines Zinc
240	257½	" " " "
257½	265	Gray brown flint

Analysis

		Metal	Zinc
205~~8~~	210'	3.60	6.00
210-	212½	.75	1.25

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole;	97' N. of hole No. 3 242' S. of E. of hole 12 230' NE of Blower hole	Hole No. 22	
Farm Name;	Patterson	Location;	NE¼; Sec. 30 T. 25; R. 30
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Oct. 13, 1954	Water stands;	40'
Finished;	Oct. 29, 1954	Depth;	275'

From	To	Description
0	29	Soil & clay
29	40	Gray lime, gray flint
40	80	Gray brown lime, gray flint
80	85	oollite, brown lime
85	160	Gray brown lime, gray flint
160	210	Brown gray lime, gray flint
210	225	Gray brown blue flint, little gray lime
225	237½	" " " "
237½	242½	" " " " ; Zinc
242½	245	" " " " ; trace Zinc
245	252½	Gray brown blue flint
252½	257½	" " " " ; Zinc
257½	260	" " " " ; Zinc shines
260	272½	Gray blue brown & white flint
272½	275	Gray brown blue flint, little gray lime

Analysis

		Metal	Zinc
237½	242½'	4.00	6.60
252½	257½	3.20	5.33

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
SEP 14 1954
BUREAU OF MINES

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1954 Docket No. DMEA 2485 Contract No. TDMME-325
Operator's Name DALE MINING COMPANY Minerals
Address NEOSHO, MO. Zinc & Lead
Contract Amount, $~~4~~ 31,104.00 Government Participation: 50 % Amount, $15,552.00

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 533' - 2.40	1279.20	15,439.20	16,718.40			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1279.20	15,439.20	16,718.40			

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

Date Sept. 11. 54 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$639.60

Signature
(Authorized Certifying Officer)

Date 9-21-54 Vou. No. DMEA 6-78

(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. Adm-E 325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Sept. 15, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Clinton C. Knox Title Executive Officer Date Sept. 15, 1954

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-R1151.1
Approval expires 6-30-53.

RECEIVED
MINERALS TECHNOLOGY DIVISION
SEP 14 1954
BUREAU OF MINES
JOPLIN, MO.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 14 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1954 Docket No. DMEA 2485 Contract No. IDM E-325
Operator's Name DALE MINING COMPANY Minerals Zinc & Lead
Address NEOSHO, MO.

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	Foot	1279.20	533'	16,718.40	6966	2.40	12,960'	2.40
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		1279.20	533	16,718.40				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		1279.20	533	16,718.40				31,104.00

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. 11-54 Operator Dale Mining Co.
By Gerald Klepinger Title Partner

Remarks:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Wash. Copy
August Report

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 6 1954

RECEIVED
MINERALS TECHNOLOGY
DIVISION
SEP 14 1954
BUREAU OF MINES
JOPLIN, MO.

DALE MINING COMPANY

Narrative Report

Docket DMEA 2485

Zinc & Lead

Patterson Lease
Holes 19 & 20

Enclosed find forms MF- 104 and MF- 104A, and the drill logs on the above holes.

In hole 19 the zinc seems to be about the same depth as the other holes in this area. Hole 20 shows a deeper run of zinc which is more in line with the zinc that we were mining on this lease.

Sincerely yours;

Gerald Klepinger
DALE MINING CO.

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MINERALS TECHNOLOGY
DIVISION
SEP 14 1954
BUREAU OF MINES
JOPLIN, MO.

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MINERALS TECHNOLOGY
DIVISION
SEP 14 1954
BUREAU OF MINES
DEPARTMENT OF INTERIOR
Columbia Mineral
REC
DEC - 6 1954

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole;	100' SW of hole 18	Hole;	19
Farm Name;	Patterson	Location;	NE¼; Sec. 30 T. 25; R. 30
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Aug. 6, 1954	Water stands;	60'
Finished;	Aug. 20, 1954	Depth;	265'

From	To	Description
0	~~30~~ 28½	Soil & clay
28½	80	Gray brown lime little gray flint
80	85	OOllite, brown lime
85	160	Gray brown lime, gray flint
160	190	Brown gray lime, gray flint
190	210	Gray brown lime, gray brown flint
210	220	Gray brown ~~lime~~ blue flint; trace Zinc & lead
220	227½	Gray blue brown flint; Zinc
227½	232½	" " " " ; Little gray lime
232½	235	" " " "
235	240	Gray brown blue flint, trace Zinc
240	245	" " " " ;
245	265	" " " " ; little gray lime

Analysis

		Zn Metal	~~Zinc~~ Blende ore	Galena
210	220	.95	1.60	.60
220	227½	1.85	3.10	

RECEIVED
DEPARTMENT OF THE INTERIOR MINERALS TECHNOLOGY
Lehigh Minerals Administration DIVISION
RECEIVED
DEC 6 1954
SEP 14 1954
BUREAU OF MINES
JOPLIN, MO.

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole;	100' SW of Hole 19	Hole No.	20
Farm Name;	Patterson	Location;	NE¼; Sec. 30 T. 25; R. 30
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Aug. 21, 1954	Water stands;	35
Finished;	Sept. 3, 1954	Depth;	268'

From	To	Description
0	28½	Soil & clay
28½	40	Gray lime, gray flint
40	50	Gray brown lime, gray blue flint
50	80	Gray brown lime, gray flint
80	85	Oollite, brown lime
85	185	Gray brown lime, little gray flint
185	210	Brown gray lime, gray flint
210	225	Brown gray blue flint
225	227½	Brown gray Blue flint, Zinc shines
227½	230	" " " " , trace Zinc
230	240	" " " " .
240	242½	" " " " , Zinc
242½	245	" " " " , trace Zinc
245	252½	Gray brown blue flint
252½	257½	" " " " , trace Zinc
257½	265	" " " " ;
265	268	Light blue gray brown flint

Analysis

		Zn Metal	Blende ~~Zinc~~ CCK.
225'	227½'	1.75	2.91
240'	242½'	1.85	3.10

[illegible]F-104 (Rev.)
(April 1952)

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

COPY

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

Month of April, 1954 Docket No. DMEA 2485 Contract No. Idm-E325
Operator's Name Dale Mining Company Minerals Zinc & Lead
Address Neosho, Mo.
Contract Amount, $ 15,552.00 Government Participation: 50 % Amount, $ 7,776.00

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 257' - 2.40	616.80	14,822.40	15,439.20			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	616.80	14,822.40	15,439.20			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 6, 1954 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 308.40

Signature
(Authorized Certifying Officer)

Date 8/30/54 Vou. No. DMEA-6-77
(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. ..... in accordance with the terms of the contract.

Signature ..... Title ..... Date .....

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature ..... Title ..... Date .....

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

P. O. Box #431
Joplin, Missouri

September 3, 1954

DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Project Contract Idm-E325
Dale Mining Co.
Patterson Mine
Newton County, Mo.
Docket DMEA-2485 (lead-zinc)

Dear Sirs:

Transmitted herewith are two copies of the Operator's March Report on the subject exploration project, as required by your office.

The original of the March Report had been forwarded to the Regional Finance Officer on last April 12; that of the April Report on August 25. Notice was received today that both were certified for the Government's participation payments, as per voucher data you will want to post as in the attached copy of the Finance Officer's August 30 letter to me.

You will recall that your two copies of the above-mentioned April Operator's Report, were transmitted to Washington prematurely for your advance information, with my Interim Report on the subject project of last June 4.

Sincerely yours,

Clinton C. Knox
Executive Officer
DMEA Field Team, Region VI

CCK/vks

Enclosures (4)

cc: DMEA
2485 file

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
[redacted]

C
O
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Office of
Regional Director

Room 514 Barfield Building
Amarillo, Texas

August 30, 1954

Mr. Clinton=C. Knox, Executive Officer
DMEA Field Team, Region VI
P. O. Box 431
Joplin, Missouri

Re: Dale Mining Company
Contract Idm-E325

Dear Mr. Knox:

The April report for the Dale Mining Company was certified for payment today, in the amount of $308.40.

The schedule was numbered DMEA 6.-77 and was dated August 30, 1954.

The March report was numbered DMEA 6.-75, dated April 14, 1954, and was in the amount of $649.20.

Yours very truly,

/s/ E. L. Waldrop
E. L. Waldrop
Budget and Finance Branch
Region VI

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 March, 1954 Docket No. DMEA _____ Contract No. DM E- 325

Operator's Name DALE MINING COMPANY Minerals _____

Address NEOSHO, MO.

Contract Amount, $ 15,552.00 Government Participation 50 % Amount, $ 7,776.00

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 541' - 2.40	1298.40	13,524.00	14,822.40			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1298.40	13,524.00	14,822.40			

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

Date April 2 '54 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 649.20

Signature _____
(Authorized Certifying Officer)

Date April 14, 1954 Vou. No. DMEA6.-75

(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. dmm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date April 12, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Clinton C. Knox Title Executive Officer Date April 12, 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.1
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1954 Docket No. DMEA Contract No. DMI E- 325
Operator's Name DALE MINING COMPANY Minerals
Address IDAHO, ID. Zinc & Lead

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	feet	1298.40	541	14,822.40	6176	2.40	6400	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1298.40	541	14,822.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1298.40	541	14,822.40				15,552.00

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

Date April 2, '54 Operator Dale Mining Co.
Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

Work Copy

RECEIVED
MINERALS TECHNOLOGY
DIVISION
APR 7 1954
BUREAU OF MINES
JOPLIN, MO.

DALE MINING COMPANY

Narrative Report

Docket DMMA 2405 — Zinc & Lead

Patterson Lease

Holes 16 & 17

Enclosed find zones MT-10% and MT-10%A, and the drill logs on the above holes.

The zinc showing in this last hole is encouraging but looks like we need more drilling to locate our main run of ore.

Sincerely Yours;

Gerald Klepinger

Dale Mining Co.

DALE MINING COMPANY

Exploration drilling log

Location of hole:	125' SE of hole 15	Hole No. 16
Farm name:	Patterson	Location: NW¼ Sec. 30 T. 25; R. 30
Lease:	Patterson	
Contractor:	Dale Mining Co.	Drillers: Patterson & Miller
Started:	Feb. 26, 1954	Motor stands: 20'
Finished:	March 15, 1954	Depth: 265'

From	To	Description
0	28	Soil & clay
28	75	Gray brown lime, gray flint
75	85	Oolite, brown lime
85	205	Gray brown lime, gray flint
205	235	Gray brown blue flint, trace zinc & lead
235	240	Gray blue brown flint, trace zinc
240	265	Gray blue brown flint

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole;	615' S of Hole 16	Hole No. 17	
Farm Name;	Patterson	Location;	NW¼ Sec. 30 T. 25; R. 30
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	March 17, 1954	Water standing	45'
Finished;	March 31, 1954	Depth;	276'

From	To	Description
0	30	Soil & clay
30	40	Gray & yellow lime
40	75	Gray brown lime, gray flint
75	85	Oolite, brown lime
85	155	Gray brown lime, gray flint
155	190	Brown gray lime, gray flint
190	205	Gray brown flint, gray lime
205	212½	Gray brown lime flint, lime shines
212½	215	do do do do
215	217½	do do do do, zinc
217½	222½	do do do do, zinc shines
222½	225	do do do do
225	227½	do do do do, zinc
227½	255	do do do do
255	276	Gray brown lime flint, some white flint, some gray lime

Analysis

		Total	Zinc	
215	217½	1.30	~~2.17~~	C.C.K.
225	227½	3.05	~~5.09~~	

Form MF-124 (Rev.)
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

REGISTRATION OF THE INTERIOR
Defense Minerals Administration
FEB 2 6 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January 1954 Docket No. DMEA 2485 Contract No. IDM E-325
Operator's Name Dale Mining Company Minerals
Address Neosho, Mo.
Contract Amount, $ 15,552.00 Government Participation: 50% Amount, $ 7,776.00

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 260' - 2.40	624.00	12,900.00	13,524.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	624.00	12,900.00	13,524.00			

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

Date Feb. 1, 1954 *Payee Dale Mining Co.

Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 312.00

Signature
(Authorized Certifying Officer)

Date 2-19-54 Vou. No. DMEA 6-73

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Feb. 12, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature Clinton C. Knox Title Executive Officer DMEA Field Team, Region II Date Feb. 16, 1954

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 January 1954 Docket No. DMEA _____ Contract No. IDM E-325

Operator's Name Dale Mining Company Minerals Zinc & Lead

Address Neosho, Mo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	feet	624.00	260	13,524.00	5635	2.40	6480	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		624.00	260	13,524.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		624.00	260	13,524.00				15,552.00

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

Date Feb. 1, 1954 Operator Dale Mining Co.

By Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-384775

Wash. Copy

FEB 4 1953

Defense Minerals Administration
RECEIVED
FEB 26 1954

DALE MINING COMPANY

Narrative Report

Docket DMEA 2485 Zinc & Lead

Hole No. 15 on Patterson Lease

Enclosed find forms MF-104 and MF-104A, and the drill log on the above hole.

This hole is too close to our North line to show much tonage; but does show us where the zinc is on our lease.

Sincerely yours;

Gerald Klepinger

Dale Mining Co.

Bureau of Mines
Science Library
Received
Feb 26 1954

DALE MINING COMPANY

Exploration drilling log

Location of Hole; NE of hole 14 — Hole No. 15

Farm name; Patterson — Location; NE¼; Sec. 30 T. 25; R. 30

Lease; Patterson

Contractor; Dale Mining Co. — Drillers; Patterson & Miller

Started; Dec. 11, 1953 — Water stands; 150'

Finished; Jan. 7, 1954 — Depth; 260'

From	To	Description
0	25	Soil & clay
25	35	Clay & boulders
35	45	Gray yellow lime, gray flint
45	75	Gray brown lime, gray flint
75	85	Oollite, brown lime
85	115	Gray brown lime, gray flint
115	200	Brown gray lime, gray flint
200	210	Gray flint, gray Brown lime
210	215	Gray brown blue flint, Zinc & lead shines
215	225	Gray brown blue flint
225	232½	Blue brown gray flint; Good Zinc
232½	237½	Blue gray brown flint
237½	240	" " " ", zinc shines
240	260	Brown blue gray flint

Analysis

		Metal	~~Zinc~~ Zn
225'	232½'	2.45	4.10

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

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

JAN 5 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 26 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December 1953 Docket No. DMEA 2485 Contract No. IDM E 325
Operator's Name Dale Mining Company Minerals
Address Neosho, Mo.
Contract Amount, $ 15,552.00 Government Participation: 50 % Amount, $ 7,776.00

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 Contracts: Short Form 260' - 2.40	624.00	12,276.00	12,900.00			
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	624.00	12,276.00	12,900.00			

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

Date Jan. 4, 1954 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 312.00

Signature
(Authorized Certifying Officer)

Date 1-11-54 Vou. No. D.M.E.A. 6-72

(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. DMA-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Jan. 6, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Williams Title Exec. Off. Date Jan. 6, 1954

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 26 1954

Month of December 1953 Docket No. DMEA 2485 Contract No. PDM E 325

Operator's Name Dale Mining Company Minerals

Address Neosho, Mo. Zinc & Lead

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Feet	624.00	260	12,900.00	5375	2.40	6480	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		624.00	260	12,900.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		624.00	260	12,900.00				15,552.00

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

Date Jan. 4, 1954 Operator Dale Mining Co.

Per Gerald Kleginger Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

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

JAN 5 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 26 1954

DALE MINING COMPANY

Narrative Report

Docket DMEA 2485 Zinc & Lead

Hole No. 14 on Patterson Lease

Enclosed find forms MF-104 and MF-104A, and the drill log on the above hole.

We still have not hit that zinc that comes onto us from the North.

Sincerely yours;

Gerald Klepinger

Dale Mining Co.

Division of Mines
Bureau of Mines and Metallurgy
RECEIVED
FEB 26 1954

DALE MINING COMPANY

Exploration drilling log

Location of Hole; 179' East of hole 13 — Hole No. 14

Farm Name; Patterson — Location; NE¼; Sec. 30 T. 25; R. 30

Lease; Patterson

Contractor; Dale Mining Co. — Drillers; Patterson & Miller

Started; Nov. 23, 1953 — Water stands; 175'

Finished; Dec. 10, 1953 — Depth; 260'

From	To	Description
0	25	Soil & clay
25	40	Gray lime, gray flint
40	75	Gray brown lime, gray flint
75	80	Oollite, gray lime
80	195	Gray brown lime, gray flint
195	205	" " " , gray brown flint
205	220	Gray brown flint, little gray lime
220	237½	Gray brown blue flint
237½	242½	" " " " , Zinc shines
242½	250	Gray brown blue flint
250	260	" " " " , gray lime

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
DEC 28 1953
IDM- E325

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

Month of November, 1953 Docket No. DMEA 2485 Contract No. D

Operator's Name Dale Mining Company Minerals

Address Neosho, Mo.

Contract Amount, $ 15,552.00 Government Participation: 50 % Amount, $ 7,776.00

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 541' - 2.40	1298.40	10,977.60	12,276.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1298.40	10,977.60	12,276.00			

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

Date Dec. 5, 1953 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 649.20

Signature
(Authorized Certifying Officer)

Date 12-16-53 Vou. No. DMEA 6-71

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Dec. 11, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Williams Title Exec. Off. Date Dec. 11, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 1953 Docket No. DMEA 2485 Contract No. IDM E 325
Operator's Name Dale Mining Company Minerals Zinc - Lead
Address Neosho, Mo.

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	Feet	1298.40	541	12,276.00	5115	2.40	6480	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1298.40	541	12,276.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1298.40	541	12,276.00				15,552.00

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 Dec. 5, 1953 Operator Dale Mining Co.
By Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

DEC 8 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

DALE MINING COMPANY

Narrative Report

Docket DMEA 2485 Zinc & Lead

Hole No. 6 on Clark Lease
Hole No. 13 on Patterson Lease

Enclosed find forms MF-104 and MF-104A, and the drill log on the 2 above holes.

This No. 6 hole which is very good gives us good reason to think there is a considerable body of ore in this area.

In hole No. 13 we are trying to find the ore that comes across the line from the Federal Mining Co., on the North.

Sincerely yours;

Gerald Klepinger

Dale Mining Co,

Department of Conservation
Division of Mineral Resources
RECEIVED
DEC 28 1953

DALE MINING COMPANY

Exploration Drilling Log on Clark

Location of hole; 159' South of Hole 5 — Hole No. 6

Farm Name; Clark — Location; E. ½ of NE ¼ of NW ¼ Sec. 30; T 25; R. 30

Lease; Clark

Contractor; Dale Mining Co. — Drillers; Patterson & Miller

Started; Oct. 19, 1953 — Water stands 226'

Finished; Nov. 5, 1953 — Depth; 265'

From	To	Description
0	25	Soil & clay
25	40	Gray lime, gray flint
40	65	Gray brown lime, gray blue flint
65	80	" " ", gray flint
80	90	Gray lime, oollite
90	210	Gray brown lime, gray flint
210	220	Gray brown flint, gray lime
22022	225	Gray brown blue flint; good zinc
225	230	Gray brown blue flint; zinc shines
230	235	Gray brown blue flint
235	245	" " " ", zinc shines
245	250	" " " "
250	257½	" " " ", very good zinc
257½	260	" " " "
260	265	" " " ", little gray lime

Analysis

		Metal	Zinc
220'	225'	3.80	6.33
250'	257½'	8.50	14.33

DALE MINING COMPANY

Exploration Drilling Log

Location of Hole;	507' E. of ¼ NW corner; 96' S.		Hole No. 13
Farm Name;	Patterson	Location;	NE¼; Sec. 30 T. 25; R. 30
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Nov. 6, 1953	Water stands;	175'
Finished;	Nov. 21, 1953	Depth;	276'

From	To	Description
0	25	Soil & clay
25	40	Gray lime, gray flint
40	75	Gray brown lime, gray flint
75	80	Oollite, gray lime
80	155	Gray brown lime, gray flint
155	205	Brown gray lime, gray flint
205	225	Brown gray lime, brown gray flint
225	235	Brown blue gray flint
235	240	Blue gray brown flint; Zinc shines
240	247½	" " " "
247½	250	" " " " ; trace of Zinc
250	276	Gray blue brown flint

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

Defense Minerals Administration
RECEIVED

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1953 Docket No. DMEA 2435 Contract No. DMA-3325
Operator's Name Dale Mining Company Minerals
Address Reno, Nev.
Contract Amount, $ 15,550.00 Government Participation: 50 % Amount, $7,775.00

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 265' - 2.40	636.00	10,341.60	10,977.60			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	636.00	10,341.60	10,977.60			

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

Date Oct. 5, 1953 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 318.00

Signature
(Authorized Certifying Officer)

Date 10/9/53 Vou. No. DMEA L-69

(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. Tam E-325 in accordance with the terms of the contract.

Signature Edwin T. Perkins Title Mining Engineer Date Oct 6, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Williams Title Exec. Off. Date Oct. 7, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

OCT 6 1953

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
OCT 16 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 195 3 Docket No. DMEA 2485 Contract No. DMA-B325
Operator's Name Dale Mining Company Minerals
Address Neosho, Mo. Zinc - Lead

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Foot	636.00	265'	10,977.60	574	12.40	640	12.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		636.00	265'	10,977.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		636.00	265'	10,977.60				12,992.00

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. 5, 1953 Operator Dale Mining Co.
Per Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

OCT 6 1953

OCT 6 1953

DEPARTMENT OF THE INTERIOR
Bureau Mines Mining Division
RECEIVED
OCT 16 1953

DALE MINING COMPANY

Narrative Report

Docket DMA 2435 Hole No. 5 Zinc & Lead

Enclosed find cores M-10A and M-10-A and the drill log on hole no. 5. Since this is a good hole it also intersects the zinc reserves on our Patterson lease to the East.

Sincerely Yours;

Gerald Klepinger

DALE MINING CO.

DALE MINING COMPANY

Exploration Drilling Log on Clark

Location of hole; 100' East of Hole 4 — Hole No. 5

Farm Name; Clark — Location; East ½ of NE ¼ of NW ¼ Sec. 30; T. 25; R. 30

Lease; Clark

Started; Aug. 22, 1953 — Drillers; Patterson & Miller

Finished; Sept. 8, 1953 — Water stands; 220

Contractor; Dale Mining Co. — Depth; 265'

From	To	Description
0	26	Soil & clay
26	35	Gray lime, gray flint
35	80	Gray brown lime, gray flint
80	90	Oollite, brown lime
90	225	Gray brown lime, gray flint
225	235	Gray brown blue flint
235	240	" " " " , Zinc.
240	245	" " " " , Shines
245	252½	" " " " , Zinc
252½	255	" " " " , Gray lime, zinc traces
255	265	Gray blue brown flint, Gray lime.

Analysis

		Metal	Zinc
235	240	1.35	2.25
240	245	.25	.42
245	252½	1.80	3.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
~~~~~~~~~~~~~~~~
Joplin, Missouri
October 7, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 12 1953

Mr. G. E. Klepinger
Dale Mining Company
811 Kentland Drive
Neosho, Missouri

Re: DMEA-2485 Idm-E325
Dale Mining Co.
Newton County, Mo.
Zinc-Lead

Dear Mr. Klepinger:

Your monthly report of exploration on Forms MF104-104A for September, 1953 has been approved by this office. On this date the original has been forwarded to the Regional Finance office, U. S. Bureau of Mines, Amarillo, Texas.

Enclosed are five copies of forms to be used for your next monthly report.

I have forwarded your check for $36.02 to Ray C. Jonas, Regional Finance Officer, Amarillo, Texas. With your check I enclosed letter of explanation concerning a duplicate check made by you in April, 1953.

Sincerely yours,

W. P. Williams
Executive Officer
DMEA Field Team, Region VI

WPW:jd
Encs.
cc - Operating Committee
~~~~~~~~~~~~~~~~

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

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

SEP 3 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August 1953 Docket No. DMEA 2485 Contract No. Idm-E325

Operator's Name Dale Mining Company Minerals

Address

Contract Amount, $ 15,552.00 Government Participation 50 % Amount, $ 7,776.00

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 541' - 2.40	$1298.40	$9043.20	$10,341.60			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$1298.40	$9,043.20	$10,341.60			

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

Date Sept. 1, '53 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 649.20

Signature
(Authorized Certifying Officer)

Date 9-14-53 Vou. No. DMEA 6-67

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. IdmE-325 in accordance with the terms of the contract.

Signature Earion T. Perkins Title Mining Engineer Date Sept 9, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Williams Title Exec. Off. Date Sept. 9, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 2485 Contract No. Idm- E325

Operator's Name Dale Mining Co. Minerals Zinc - Lead

Address Neosho, Mo.

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	Feet	$1298.40	541'	$10,341.60	4309	$2.40	6480	$2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$1298.40	541'	$10,341.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$1298.40	541'	$10,341.60				$15,552.00

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. 1, 1953 Operator Dale Mining Co.

By Gerald Klepinger Title Partner

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

REMARKS:

(Instructions on reverse)

(For Government use only)

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

SEP 8 1953

DALE MINING COMPANY

NARRATIVE REPORT

Docket D. M.E.A. 2485 Zinc & Lead

Holes #3 & #4

Enclosed find forms MF-104 and MF-104A and the logs on holes 3 & 4. The formation and the depth are good but seemed to miss the Zinc.

Sincerely Yours;

Gerald Klepinger

DALE MINING CO.

DALE MINING COMPANY

Exploration Drilling Log on Clark

Location of hole; 150' South of shaft Hole 3

Farm Name; Clark Location; East ½ of NE ¼ of NW ¼ Sec. 30, T. 25, R. 30

Lease; Clark

Contractor; Dale Mining Company Drillers; Patterson & Miller

Started; May 22, 1953 Water stands; 170'

Finished; June 4, 1953 Depth; 266'

From	To	Description
0	27½	Soil & clay
27½	40	Gray lime, little gray flint
40	85	Gray brown lime, gray flint
85	90	Oollite, brown lime
90	210	Gray brown lime, gray flint
210	220	Gray brown flint, gray lime
220	235	Gray brown blue flint
235	237½	" " " " , trace of Zinc
237½	240	" " " " , Zinc
240	247½	" " " " , trace of Zinc
247½	257½	Gray blue brown flint, Zinc
257½	262½	" " " "
262½	266	Gray blue brown flint & little gray lime

Analysis

Depth		Metal	Zinc (ZnS)
237½	240	1.10	1.83
247½	257½	1.72	2.87

DALE MINING COMPANY

Exploration Drilling Log on Clark

Location of hole; 275' South of shaft Hole 4

Farm Name; Clark Location; East ½ of NE ¼ of NW ¼ Sec. 30, T. 25, R. 30

Lease; Clark

Started; July 29, 1953 Drillers; Patterson & Miller

Finished; Aug. 21, 1953 Water stands; 200'

Contractor; Dale Mining Co. Depth; 275'

From	To	Description
0	25	Soil & clay
25	45	Gray lime, gray flint
45	80	Gray brown lime, gray flint
80	85	Oollite, brown lime
85	180	Gray brown lime, gray flint
180	185	Gray brown white lime, gray flint
185	225	Gray brown lime, gray flint
225	235	Gray blue brown flint
235	242½	" " " " , trace of Zinc
242½	260	" " " " ,
260	267½	" " " " , Zinc shines
267½	275	" " " " , gray lime

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri
June 4, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 8 1953

Mr. Gerald Klepinger
Dale Mining Company
611 Kentland Drive
Neosho, Missouri

Re: Docket No. DMEA-2485-Lead,Zinc
Dale Mining Company
Contract No. Idm-E325

Dear Gerald:

Your monthly report of exploration on Form MF-104 for May, 1953 has been approved by this office with corrections. On this date the original has been forwarded to the Regional Finance office, U. S. Bureau of Mines, Amarillo, Texas.

I am enclosing herewith a copy of your May, 1953 report which shows the corrections we have made before submitting the report to Amarillo. In the column "Totals Previously Reported" your amount of $7,959.60 was changed to $7,776.00 which changes the totals to-date to $9043.20 instead of $9,226.80 you show. These changes were brought about by the fact that 76½ feet of drilling were disallowed on your February report as being in excess of the authorized footage. I suggest you correct the monthly reports in your file to conform with the corrected copy I am sending you herewith. On Form MF-104A for May, 1953, the column entitled costs to-date should show total costs. Therefore, your $7,959.60 has been changed to $9,043.20. Units to date should also be the total units and this figure has been changed from $316.5 to 3768.0. I wish to call your attention to the fact that these changes do not in any way change the total amount of expenditure or feet of drilling authorized in the entire contract.

I hope these changes are clear to you. If they are not, I shall be glad to discuss them with you at any time.

Also enclosed are five copies of Form MF-104 and MF-104A to be used for your next monthly report.

Sincerely yours,

W. P. Williams
Executive Officer
DMEA Field Team, Region VI

WPW:jd
Encs.
cc - Operating Committee

Form MF-10 (Rev.)
(April 1951)

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

RECEIVED
JUN 15 1953

Month of May, 1953 Docket No. DMEA 2405 Contract No. B - 325
Operator's Name Dale Mining Company Minerals IDM
Address 611 Kentland Dr., Neosho, Mo. Zinc & Lead
Contract Amount, $ 15,552.00 Government Participation: 50 % Amount, $ 7,776.00

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:		$7776.00	$9043.20	WPW		
Drilling 500' @ 2.40	$1267.20	~~$7959.60~~	~~$9226.80~~			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
Totals	$1267.20	$7776.00 ~~$7959.60~~	$9043.20 ~~$9226.80~~	WPW		

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

Date June 1, 53 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 633.60

Signature
(Authorized Certifying Officer)

Date 6/9/53 Vou. No. DMEA 6-63

(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. Tdm E-325 in accordance with the terms of the contract.

Signature Edwin J. Perkins Title Mining Engineer Date June 4, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Williams Title Exec. Off. Date June 4, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104
(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 2405 Contract No. R - 325
Operator's Name Dale Mining Co. Minerals IDM
Address 311 Kentland Dr., Neosho, Mo. Zinc - Lead

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				$9043.20	3768.0	WPW		
Churn	Feet	1267.20	528'	~~7959.60~~	~~3316'~~	2.40	6480	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1267.20	528'	$9043.20 ~~7959.60~~	WPW			TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
				$9043.20	WPW			
TOTAL COSTS		1267.20	528'	~~7959.60~~				15,592.00

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

Date June 1, 53 Operator Dale Mining Co.
By Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

JUN 3 1953

Wash.

DALE MINING CO.

HARRIVE MINE

Docket D.M.E.A. - 2405 Zinc & Lead

Hole # 1; Hole # 2;

Enclosed find forms IR - 104 and IT - 104A and the logs on holes 1, & 2. These are the first two holes that we have drilled on the Clark lease.

The formation and the ore look very similar to that on the Patterson lease. Hole No.1 did not show up to good for zinc but I believe we just hit a dead spot.

Sincerely Yours;

Gerald Klepinger

DALE MINING CO.

DALE MINING COMPANY

Exploration Drilling Log on CLARK

Location of hole;	100' South East of Clark shaft.		Hole 1
Farm Name;	Clark	Location;	East ½ of NE ¼ of NW ¼ Sec. 30, T. 25, R. 30
Lease;	Clark		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	April 21, 1953	Water stands 150'	
Finished;	May 5, 1953	Depth;	270'

From	To	Description
0	27	Soil, clay & boulders
27	40	Gray lime, little gray flint
40	80	Gray brown lime, gray flint
80	90	Oolite, brown lime
90	200	Gray brown lime, gray flint
200	220	Gray blue brown flint, brown lime
220	240	Gray blue brown flint, trace of Zinc
240	260	Gray blue brown flint
260	270	Gray blue flint, gray lime.

DALE MINING COMPANY

Exploration Drilling Log on Clark

Location of hole;	150' South of Clark shaft 100' Southwest of Hole No. 1		Hole 2
Farm Name;	Clark	Location;	East ½ of NE ¼ of NW ¼ Sec. 30, T. 25, R. 30
Lease;	Clark		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	May 6, 1953	Water stands 150'	
Finished;	May 22, 1953	DEpth;	258'

From	To	Description
0	26	Soil and clay
26	40	Gray Yellow lime, gray flint
40	85	Gray brown lime, gray flint
85	90	Oollite, brown lime
90	180	Gray brown lime, gray flint
180	225	Gray brown flint, gray brown lime
225	230	" " " , brown lime
230	235	Blue brown gray flint, Zinc shines
235	247½	Blue brown gray flint
247½	252½	" " " " , fair Zinc
252½	255	" " " " , Zinc shines
255	258	Gray blue brown flint, gray lime.

Analysis		Metal	Zinc
247½	252½	1.65	2.75

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 February, 1953 Docket No. DMEA 2485 Contract No. E - 325

Operator's Name Dale Mining Company Minerals IDM

Address 811 Kentland Dr., Neosho, Mo. Zinc & Lead

Contract Amount, $ 7776.00 Government Participation: 50 % Amount, $ 3888.00

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~~ Contracts:	1,230.00	C.CK.	7,776.00 C.CK.			
Short Form	~~1413.60~~					
Drilling 512½ ~~589~~ - 2.40 76½ in excess of contract authorization	~~1430~~	6546.00	~~7959.60~~ C.CK.			
~~Bulldozing~~						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	~~1413.60~~ 1,230.00	~~6546.00~~ C.CK.	~~7959.60~~ 7,776.00	C.CK.		

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

Date Mar. 4, 1953 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 615.00

Signature
(Authorized Certifying Officer)

Date 3-30-53 Vou. No. DMEA 6-59

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E 325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Mar. 16, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. P. Williams Title Exec. Off. Date March 16, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1953 Docket No. DMEA 2485 Contract No. E - 325
Operator's Name Dale Mining Company Minerals IDM
Address 811 Kentland Dr., Neosho, Mo. Zinc & Lead

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Foot		1413.60	589'	7959.60	3316½	2.40	3240	2.40
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1413.60	589'	7959.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1413.60	589'	7959.60				7776.00

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

Date May 4, 1953 Operator Dale Mining Co.
Per Gerald R. Lepinger Title Partner

REMARKS: Drilled this last hole 76½' deeper than the contract calls for, therefore, $183.60 should be deduced before 50% Government participation. This leaves $1230.00

→ 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

MAR 13 1953

DALE MINING CO.

(PLANT, STARK CITY, MO.)

811 KENTLAND DRIVE

P. O., NEOSHO, MO.

G. E. KLEPINGER
J. A. WORLEY
D. P. KLEPINGER

CEMENT PRODUCTS
CHAT, SAND,
LEAD, ZINC.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Gerald Klepinger

[illegible]

ESTIMATE OF ORE RESERVES

Hole No.	Collar Elev.	Total Depth	Ore Bed	Ore Face	60% Zn. Concr.	Assay feet ZnS
12	1213'	270'	250' - 255'	7½	2.37	17.77
3	1216'	270'	245' - 255'	10	4.38	43.80
6	1215'	292'	265' - 272'	7½	2.45	18.38
1		270'	None			
2		288	242½' - 250'	7½	13.52	101.40
5	1211'	272½	247½' - 255'	7½	1.17	8.77
8		267½	250' - 257½	7½	4.33	32.48
7		260'	242½ - 250'	7½	3.22	24.15
9		265'	None			
10		272½	None			
11		309'	242½ - 260'	17½	2.85	49.87
4		280'	240' - 252½'	12½	2.73	34.13
9 Totals				85		330.75

	Average Zinc	3.89
Est.	" Lead	.11
		4.00

Area of ore reserves --	542,000 Sq. feet
Rock tons	398,240
Less 10% for pillars	38,240
Mineable tons of rock	360,000

Use 3% as recoverable Zinc and lead makes 10,800 tons of ore

DALE MINING COMPANY

Exploration Drilling Log

Hole No. 4

Location of hole;	See attached map	Location;	NE¼ Sec. 30 T. 25 R. 30
Farm Name;	Patterson		
Lease;	Patterson	Drillers;	Patterson & Miller
Contractor;	Dale Mining Co.	Churn drilling	
Started;	Feb. 14, 1953	Finished;	Mar. 2, 1953
Water stands 200'		Depth;	280'

From	To	Formation
0	26½	Soil & clay
26½	35	Gray yellow lime, little gray flint
35	80	Gray brown lime, gray flint
80	85	Oollite, gray lime
85	180	Gray brown lime, gray flint
180	210	Brown gray lime, gray flint
210	225	Gray brown flint, gray lime
225	230	" " "
230	235	Gray brown blue flint, trace Zn.
235	237½	Gray brown blue flint
237½	240	" " " " , trace Zn.
240	252½	Gray blue brown flint, spar, Zn. & Lead
252½	265	Gray blue brown flint
265	280	" " " " , little gray lime

Analysis

		Zn Metal	60% ~~Zinc~~ Zn Concr. C.C.K.
240	245	2.40	4.00
245	252½	1.15	1.92

DALE MINING COMPANY

Exploration Drilling Log

Hole No. # 11

Location of hole; See attached map

Farm Name; Patterson

Location; NE¼ Sec. 30 T. 25N R. 30

Lease; Patterson

Drillers; Patterson & Miller

Contractor; Dale Mining Co.

Started; Jan. 29, 1953

Finished; ~~Jan~~ Feb. 13, 1953

Water stands at 250'

Depth; 309'

Churn Drilling

From	To	Formation
0	26	Soil & clay
26	30	Gray yellow lime, gray flint
30	80	Gray brown lime, gray flint
80	90	Oölite, brown lime
90	155	Gray brown lime, gray flint
155	210	Brown gray lime, gray flint
210	225	Brown gray lime, brown gray flint
225	235	Gray-~~Brown~~ brown blue flint
235	240	" " " " , trace Zn.
240	242½	Brown gray blue flint
242½	247½	" " " " , fair Zn.
247½	260	Light blue brown gray flint, spar & Zn.
260	262½	" " " " " , shines
262½	277½	Light & dark blue gray brown flint, fair Zn.
277½	287	Blue brown gray flint, fair Zn.
287	300	Blue brown gray flint, trace Zn.
300	309	Blue brown gray flint.

Analysis

		Zn Metal	60% ~~Zinc~~ Zn Concr.
242½	247½	1.26	2.10
247½	260	1.80	3.00
260	262½	Shines	
262½	277½	.85	1.41
277½	287	.85	1.41
287	300	.45	.75

C.C.K.

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

FEB 2 1953

Budget Bureau No. 22-R1036.3.
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

FEB 18 1953

Month of January, 1953 Docket No. DMEA 2485 Contract No. E - 325
Operator's Name Dale Mining Company Minerals
Address 811 Kentland Dr., Neosho, Mo.
Contract Amount, $ 7776.00 Government Participation: 50 % Amount, $ 3888.00

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 537½ - 2.40	1290.00	5256.00	6546.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1290.00	5256.00	6546.00			

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

Date Feb. 2 - '53 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 645.00

Signature
(Authorized Certifying Officer)

Date 2-12-53 Vou. No. DMEA - 6.55

(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. dm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Feb. 2, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature William P. Williams Title Acting Exec. Off. Date Feb. 9, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 18 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1953 Docket No. DMEA 2485 Contract No. E - 325
Operator's Name Dale Mining Company Minerals IDM
Address 811 Kentland Dr., Neosho, Mo. Zinc - Lead

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes					2727½	c.c.k.		
Drilling: Core Foot		1290.00	537½	6546.00	~~2726½~~	2.40	3240	2.40
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1290.00	537½	6546.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1290.00	537½	6546.00				7776.00

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

Date Feb. 2 - '53 Operator Dale Mining Co.
Per Gerald Klepsinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

FEB 2 1953

DALE MINING CO.

(PLANT, STARK CITY, MO.)
811 KENTLAND DRIVE
P. O., NEOSHO, MO.

G. E. KLEPINGER
J. A. WORLEY
D. P. KLEPINGER

CEMENT PRODUCTS
CHAT, SAND,
LEAD, ZINC.

NARRATIVE REPORT

Docket D. M. E. A. 2485 Zinc & Lead

Hole # 9 & Hole # 10

Enclosed find forms MF-104 and MF -104A and the logs on those 2 holes that were drilled in January, 1953.

These 2 holes show that the ore body does not go Southwest of the shaft. Therefore for our last 2 holes we will drill Northwest of the shaft.

Sincerely Yours;

Gerald Klepinger

Dale Mining Co.

DALE MINING COMPANY

Exploration Drilling Log

Location of hole; 282' South of Hole # 8
252' West of Hole # 2

Hole # 9

Churn drilling

Farm Name;	Patterson	Location;	NE¼ Sec. 30 T. 27N R. 31W
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Dec 17, 1952	Finished;	Jan. 11, 1953
No Water		Depth;	265'

From	To	Description of Formation
0	26	Soil & clay
26	35	Gray yellow lime little gray flint
35	75	Gray lime gray flint
75	80	Oollite brown lime
80	190	Gray brown lime gray flint
190	220	Brown gray lime gray flint
220	240	Gray blue brown flint gray lime
240	252½	Gray blue brown flint
252½	255	" " " " trace zinc
255	260	Gray blue brown little black flint
260	262½	" " " " " " trace zinc
262½	265	Gray blue brown black flint

DALO MINING COMPANY

Exploration Drilling Log

Hole # 10

Location of hole; 267' Southwest of Hole 2
130' East of South of Hole 9

Farm Name; Patterson

Lease; Patterson

Contractor; Dalo Mining Co.

Started; Jan. 12, 1953

Water stands at 250'

Location; NW¼ Sec. 30
T. 27N R. 31W

Drillers; Patterson & Miller

Finished; Jan. 20, 1953

Depth 272½'

Churn drilling

From	To	Description of Formation
0	24	Soil & clay
24	30	Gray lime little gray flint
30	65	Gray brown lime gray blue flint
65	75	Collite brown lime
75	150	Gray brown lime gray flint
150	200	Brown gray lime gray flint
200	220	Gray brown flint gray brown lime
220	235	Gray brown flint
235	237½	Gray brown flint, trace zinc
237½	245	Gray blue brown flint
245	252½	" " " " , some spar, trace zinc
252½	265	Gray blue brown flint
265	267½	" " " " , gray lime
267½	272½	Gray blue brown water flint

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
JAN 20 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1952 Docket No. DMEA 2405 Contract No. B-325
Operator's Name Dale Mining Company Minerals
Address 822 Rentland St., Rocky, Mo.
Contract Amount, $ 7776.00 Government Participation: 50 % Amount, $ 3888.00

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 527 - 2.40	1266.00	3990.00	5256.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1266.00	3990.00	5256.00			

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

Date Jan. 2, 1953 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 633.00

Signature
(Authorized Certifying Officer)

Date 1/16 Vou. No. DMEA 6-52

(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. John-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Jan. 12, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Exec. Off. Date Jan. 12, 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 20 1953

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

Month of December 195 2 Docket No. DMEA 2485 Contract No. E- 325
Operator's Name Dale Mining Company Minerals IDM
Address 811 Kentland Dr., Neosho, Mo. Zinc- Lead

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 Foot		1266.00	527½	5256.00	~~2189~~ 2190	2.40 CPK.	3240	2.40
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1266.00	527½	5256.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1266.00	527½	5256.00				7776.00

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

Date Jan. 2, 1953 Operator Dale Mining Co.
Per Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

JAN 12 1953

DALE MINING CO.

(PLANT, STARK CITY, MO.)

811 KENTLAND DRIVE

P. O., NEOSHO, MO.

G. E. KLEPINGER
J. A. WORLEY
D. P. KLEPINGER

CEMENT PRODUCTS
CHAT, SAND,
LEAD, ZINC.

DIAMOND DRILL REPORT

Docket [illegible] - 2409 Zinc & Lead

Hole # 7, Hole # 8

Enclosed find forms DD-104 and DD-104A and the logs on these 2 holes that were drilled in December, 1952.

These two holes contain no zinc or concentrable ore body to the west of our present mining operations. The location of these holes are on the enclosed logs.

Sincerely Yours,

Gerald Klepinger

Dale Mining Co.

TELEPHONE 532

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

Hole 7

JOPLIN, MISSOURI, Dec. 4 1952

SAMPLE MARK	RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
242½' - 245'	Metal 2.60	= 4.33%	Jack 60% grade				
245' - 247½'	3.20	= 5.33 "	"	"	"	"	

C. V. Millar Chemist

To Dale Myers

Fee $

TELEPHONE 532

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

Hole #8

JOPLIN, MISSOURI, Dec 18 - 1952

SAMPLE MARK	Metal RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
250' - 255'	2.85	= 4.75	% Jack	60	30	Scale	
255' - 257½'	2.10	= 3.50	"	"	"	"	"

C. V. Millar Chemist

To Dale Myers

Fee $

DALE MINING COMPANY

Exploration Drilling Log

Location of hole; 564' North West of hole # 2
405' West of hole # 5
460' West of air shaft

Hole; 7

Churn drilling

Farm Name; Patterson

Location; NE; Sec. 30
T.27N R. 31W

Lease; Patterson

Contractor; Dale Mining Co.

Drillers; Patterson & Miller

Started; Nov. 15, 1952

Finished; Dec. 2, 1952

Water stands 200'

Depth; 260'

From	To	Description of Formation
0	28	Soil & clay
28	40	Gray yellow lime, gray flint
40	45	Gray lime, gray blue flint
45	60	Gray brown lime, gray flint
60	85	oolite, brown flint
85	150	Gray brown lime, gray flint
150	205	Brown gray lime, gray flint
205	225	Brown gray flint, little gray lime
225	232½	Gray blue brown flint
232½	242½	" " " " , trace of zinc
242½	245	Gray blue brown flint, zinc
245	247½	" " " " zinc
247½	255	Gray blue brown a little white flint
255	260	" " " " " " , gray lime

Analysis

		Metal	Zinc
242½	245	2.60	~~5.23~~ C.C.K.
245	247½	3.20	~~5.55~~

DALE MINING COMPANY

Exploration Drilling Log

Location of hole; 282' South East of hole No. 7
282' North West of Hole No. 2

Hole; # 8

Churn drilling

Farm Name;	Patterson	Location;	NE¼ Sec. 30 T. 27N R. 31W
Lease;	Patterson		
Contractor;	Dale Mining Co.	Drillers;	Patterson & Miller
Started;	Dec. 3, 1952	Finished;	Dec. 16, 1952
Water stands	210'	Depth;	267½'

From	To	Description of Formation
0	28	Soil & clay
28	32½	Clay & boulders
32½	40	Gray yel ow lime, gray flint
40	80	Gray brown lime, gray flint
80	85	Oolite, gray lime
85	135	Gray brown lime, gray flint
135	210	Brown gray lime, gray flint
210	225	Gray brown lime, gray blue flint
225	235	Gray brown blue flint
235 ~~237½~~	237½	" " " " Zinc stines
237½	245	Gray brown & blue flint
245	250	" " " " trace of zinc, little spar
250	255	Gray brown blue flint, Zinc
255	257½	" " " " "
257½	260	Gray brown blue flint, stines of zinc
260	265	Gray blue flint
265	267½	Gray blue flint, gray lime

Analysis

		Metal	Zinc
250	255	2.85	~~[illegible]~~ C.C.K.
255	257½	2.10	~~[illegible]~~

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

UNITED STATES DEC 1 1952
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1952 Docket No. DMEA 2435 Contract No. E-325
Operator's Name Dale Mining Company Minerals
Address 811 Kentland Drive, Neosho, Mo.
Contract Amount, $ 7776.00 Government Participation: 50 % Amount, $ 3888.00

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 272' - 2.40	654.00	3336.00	3990.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	654.00	3336.00	3990.00			

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

Date Dec. 1 '52 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 327.00

Signature
(Authorized Certifying Officer)

Date Vou. No. DMEA 6-50

(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. dm-E 325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Dec. 2, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Exec. Off. Date Dec. 3, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of November 2
Operator's Name Dale Mining Company
Address 811 Kentland Drive, Neosho, Mo.
Docket No. DMEA 2485
Contract No. E-325
Minerals Tin Zinc-Lead

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	Foot	654.00	272'	3990.00	1662'	2.40	3240	2.40
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		654.00	272'	3990.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		654.00	272'	3990.00				7776.00

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 Dec. 1 '52 Operator Dale Mining Co.

Per Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON, D.C.~~
Joplin, Missouri
December 11, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 15 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA-2485
Contract No. Idm-E325
Dale Mining Co.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for November, 1952 on Forms MF-104 and MF-104A with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original was forwarded to U. S. Bureau of Mines, Amarillo, on December 3, 1952 and notice of its certification has been received today.

Sincerely yours,

David Gallagher
Executive Officer
DMEA Field Team, Region VI

/jd
Encs.

DEC 1 1952

DALE MINING CO.

(PLANT, STARK CITY, MO.)

811 KENTLAND DRIVE

P. O., NEOSHO, MO.

G. E. KLEPINGER
J. A. WORLEY
D. P. KLEPINGER

CEMENT PRODUCTS
CHAT, SAND,
LEAD, ZINC.

[illegible]

[illegible] Hole No. 5 — [illegible]

Mine & Lead

Hole # 5

Hole No. 5 was completed on the project which corresponds with hole No. 5 on the returned map to the contract.

The ore occurs in short ribs as in the other holes drilled but not as good a showing of zinc. On the log, to show the [illegible] of less than 20 to 20% but did not think worth running a analysis.

Sincerely Yours,

Gerald Klepinger

DALE MINING CO.

DA E MINING COMPANY

Exploration Drilling Log

Hole: 5

Chura drilling

Farm Name:	Pott ron	Location:	NE¼ NW¼ Sec.30 T.27 R.31W
Lease:	Patterson		
Contractor:	Dale Mining Co.	Drillers:	Patterson & Miller
Started:	Oct. 31, 1952	Finished:	Nov. 14, 1952
Water:	170'	Depth:	272½'

From	To	Description of Formation
0	28	Soil, clay and boulders
28	33	Sliding boulders
33	50	Gray yellow lime and gray flint
50	60	Gray lime and gray flint
60	90	Collite and gray lime
90	130	Gray lime and gray flint
130	175	Gray white lime and gray flint
175	215	Gray brown lime and gray flint
215	230	Gray brown lime and gray blue flint
230	247½	Gray blue brown flint, some spar
247½	250	" " " " " " , zinc
250	260	Gray blue brown flint, some spar
260	262½	" " " " " " zinc and lead sulphos
262½	272½	Gray blue brown flint

Analysis	Total
247½ 250	1.23

TELEPHONE 532

CERTIFICATE OF ANALYSIS

The MILLAR CHEMICAL LABORATORY

C. V. MILLAR, UNIVERSITY OF ILLINOIS, B. S. '93, M. S. '94

617½ JOPLIN STREET

JOPLIN, MISSOURI. Nov. 27 1952

SAMPLE MARK	Metal RESULTS IN PER CENT						
	ZINC	IRON	MOISTURE	LEAD	LIME	SULPHUR	CADMIUM
Drilling Vale 5-24 1/2-25d	1.83	3.05	Jack 60% grade				

C. V. Millar Chemist

To Hale Mng Co.

Fee $

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

10 1952 Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 5 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1952 Docket No. DMEA 2485 Contract No. E-325

Operator's Name Dale Mining Company Minerals

Address 811 Kentland Drive, Neosho, Mo.

Contract Amount, $7776.00 Government Participation: 50 % Amount, $3888.00

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 558-2.40	1339.20	1996.80	3336.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1339.20	1996.80	3336.00			

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

Date Nov. 7, 52 *Payee Dale Mining Co.

Per Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$669.60

Signature
(Authorized Certifying Officer)

Date 12/3 DMEA Vou. No. 6-49

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E 325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Nov. 21, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Exec. Off. Date Nov. 28, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

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
DEC 5 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 2485 Contract No. Id. E-325
Operator's Name Dale Dale Mining Company Minerals Lead-Zinc
Address 811 Kentland Drive, Neosho, Missouri

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Feet	1339.20	558	3336.00	1390	2.40	3240	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1339.20	558	3336.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1339.20	558	3336.00				7776.00

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

Date Nov. 7, 52 Operator Dale Mining Co.
By Gerald V. Lepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

MINE VALUATIONS
MINE AND LAND SURVEYS
DRAFTING

REGISTERED PROFESSIONAL ENGINEER
MISSOURI NO. E-831 OKLAHOMA NO. 448
MEMBER A. I. M. & M. E.

PHOTO-COPIES
BLACK LINE PRINTS
BLUE PRINTS
DISTRICT MAPS

WILLIAM M. STEWART ENGINEERING CO.
MINING AND CIVIL ENGINEERS
40 YEARS EXPERIENCE IN TRI-STATE DISTRICT
216 WEST THIRD STREET
PHONE 11
JOPLIN, MISSOURI

November 5,1952

Log

Hole # 1 - Depth 270 '

Dale Mining Company

Dennis Patterson Lease

Location: See attached map to contract.

NW¼ of NE¼ Sec. 30, Twp.25N, R 30W, Newton County, Missouri

Started 10/14/52

Finished 10/30/52

Struck water at 255'
Water Depth 255'

From	To	Formation
0	27	Soil & Clay
27	30	Brown Lime
30	80	Brown & Gray Lime- Brown & Gray Flint
80	200	Brown & Gray Lime- Gray Flint
200	270	Blue & Gray Flint- Gray Lime

MINE VALUATIONS
MINE AND LAND SURVEYS
DRAFTING

REGISTERED PROFESSIONAL ENGINEER
MISSOURI NO. E-831 OKLAHOMA NO. 448
MEMBER A. I. M. & M. E.

PHOTO-COPIES
BLACK LINE PRINTS
BLUE PRINTS
DISTRICT MAPS

WILLIAM M. STEWART ENGINEERING CO.
MINING AND CIVIL ENGINEERS
40 YEARS EXPERIENCE IN TRI-STATE DISTRICT
216 WEST THIRD STREET
PHONE 11
JOPLIN, MISSOURI

November 5, 1952

LOG

Hole # 2 - Depth 288'

DALE MINING COMPANY

Dennis Patterson Lease Location: See Map Attached to Contract

NW¼ of NE¼ Sec. 30, Twp. 25N, R 30W, Newton County, Missouri

Started 10/1/1952 Finished 10/14/1952

Struck water @ 265'
Water Depth stands @ 265'

From	To	Formation
0	27'	Soil & Clay
27'	30'	Brown Lime
30'	60'	Gray Lime & Blue & Gray Flint
60'	65'	Gray & Brown Lime- Gray Flint
65'	80'	Oolite & Gray Lime
80'	125'	Gray Flint - Gray & Brown Lime
125'	205'	Gray Flint- Gray & Brown Lime
205'	225'	Gray Brown Lime - Gray Flint
225'	237½'	Gray Brown Lime & Gray Flint
237½'	242½'	Blue & Gray Flint- Trace of Jack
242½'	245'	Blue & Gray Flint- Zinc
245'	247½'	Blue & Gray Flint- Zinc
247½'	260'	Blue & Gray Flint-Trace of Brown Lime - Trace Zinc
260'	280'	Gray & Blue & Brown Flint
280'	288'	Gray Lime- Gray Blue & Brown Flint

NOV 18 1952

MINE VALUATIONS
MINE AND LAND SURVEYS
DRAFTING

REGISTERED PROFESSIONAL ENGINEER
MISSOURI NO. E-831 OKLAHOMA NO. 446
MEMBER A. I. M. & M. E.

PHOTO-COPIES
BLACK LINE PRINTS
BLUE PRINTS
DISTRICT MAPS

WILLIAM M. STEWART ENGINEERING CO.
MINING AND CIVIL ENGINEERS
40 YEARS EXPERIENCE IN TRI-STATE DISTRICT
216 WEST THIRD STREET
PHONE 11
JOPLIN, MISSOURI

DALE MINING COMPANY

Docket D.M.E.A. - 2485 (Zinc-Lead)

NARRATIVE REPORT

Hole # 1
Hole # 2

October, 1952 Project Contract Idm. -E 325

During the month Churn Drilling of the Fourth and Fifth Holes on the project was completed. (No. 1 and No. 2 as located on the map attached to the contract.)

Hole No. 1 was started October 14, 1952, and completed October 30, 1952 at a cost of $ 2.40 per. foot., for a depth of 270 feet. Water was struck at 255 feet. This was a blank Hole.

Hole No. 2 was started October 1, 1952 and completed October 14, 1952, at a cost of $2.40 per. foot, for a depth of 288 feet.

Shines of zinc or mineralization was encountered from a depth of 237½ feet to 242½ feet. Good Zinc ore was indicated by samples from a depth of 242½ feet to 247½ feet, with fair zinc shines from 247½ feet to 260 feet. This has an assay average for the depth of 242½ feet to 260 feet of 3.09 Zinc or 6.47 blend of 60% ZnS.

Eng'r. William M. Stewart

William M. Stewart

ENGINEERS
INSPECTIONS and TESTS

The Bruce Williams Laboratories

ESTABLISHED 1898
Main Office 618-622 Joplin Street Telephone 556
JOPLIN, MISSOURI

CHEMISTS
INDUSTRIAL and ANALYTICAL

Picher, Oklahoma
Connell Hotel Bldg.
Telephone 710

St. Louis, Missouri
306 Valley Drive
Telephone Imperial 3226

Dale Mining Company
811 Kentland Drive
Neosho, Missouri

11-3-52 Hole # 2

OUR NO.	MARK	DESCRIPTION	ZINC	IRON	LEAD	LIME	MOISTURE
629362	Samples by Faulkner	237½-242½	0.34				
363	of Stewert Engineering	242½-245	13.00				
364	Company	245-247½	10.60				
365		247½-260	0.72				

Bruce Williams

UARCO INC. - CHICAGO

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

OCT 1 [illegible] 52

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

OCT 27 1952

Month of September, 195 2 Docket No. DMEA 2485 Contract No. E-325
Operator's Name Dale Mining Company Minerals Idm
Address 811 Kentland Drive, Neosho, Mo. Lead-Zinc
Contract Amount, $ 7776.00 Government Participation: 50 % Amount, $ 3888.00

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) ~~Underexxxx~~ Contracts: Short Form						
Drilling 292@ 2.40	700.80	1296.00	1996.80			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	700.80	1296.00	1996.80			

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

Date Oct. 16, '52 Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 350 40

Signature
(Authorized Certifying Officer)

Date Vou. No. DMEA 6-46

(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. Jdm-E325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Oct. 17, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Exec. Off. Date Oct. 17, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 27 1952

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 2485 Contract No. E-325

Operator's Name Dale Mining Company Minerals Idm

Address 811 Kentland Drive, Neosho, Mo. Zinc-Lead

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	Feet	700.80	292	1996.80	832	2.40	3240	2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		700.80	292	1996.80				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		700.80	292	1996.80				7776.00

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. 16, '52 Operator Dale Mining Co.

Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

MINE VALUATIONS
MINE AND LAND SURVEYS
DRAFTING

REGISTERED PROFESSIONAL ENGINEER
MISSOURI NO. E-831 · OKLAHOMA NO. 448
MEMBER A. I. M. & M. E.

PHOTO-COPIES
BLACK LINE PRINTS
BLUE PRINTS
DISTRICT MAPS

WILLIAM M. STEWART ENGINEERING CO.
MINING AND CIVIL ENGINEERS
40 YEARS EXPERIENCE IN TRI-STATE DISTRICT
216 WEST THIRD STREET
PHONE 11
JOPLIN, MISSOURI

September ,1952

DRILL RECORD

DATE MINING COMPANY DENNIS PATTERSON LEASE

NW¼ of NE¼ Sec.30-Twp.25N-R30W, Newton County, Missouri

HOLE # 6

Driller:- Mr. Patterson

FROM	TO	FORMATION	
0	30	Soil Clay	
30	75	Gray Lime, Trace Gray Flint	
80	95	Brown Lime, Trace Gray Lime	
95	200	Gray-Brown Lime	
200	240	Brown-Gray Lime, Gray Flint	
240	242½	Brown Lime, Gray Flint	Trace of Zinc
242½	262½	Gray Flint, Brown Lime, Some Gray Lime	
262½	265	Blue Gray Flint	Fair Zinc-Ground Broken
265	267½	Blue Gray Flint	Trace Zinc
267½	270	Blue Gray Flint	Zinc Shines
270	280	Blue Gray Flint	Trace of Zinc
280	292	Blue Gray Flint, Brown Lime	Trace of Zinc

MINE VALUATIONS
MINE AND LAND SURVEYS
DRAFTING

REGISTERED PROFESSIONAL ENGINEER
MISSOURI NO. E-831 OKLAHOMA NO. 448
MEMBER A. I. M. & M. E.

PHOTO-COPIES
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DISTRICT MAPS

WILLIAM M. STEWART ENGINEERING CO.
MINING AND CIVIL ENGINEERS
40 YEARS EXPERIENCE IN TRI-STATE DISTRICT
216 WEST THIRD STREET
PHONE 11
JOPLIN, MISSOURI

[illegible]

[illegible] ([illegible])

[illegible]

September, 1952 Project Contract [illegible]

During the month diamond drilling of the third hole on the project (No.6, on lot adjacent to the original contract) was completed. This diamond drill hole was started March 19,1952 and completed September 9,1952, at a depth of [illegible] feet, at a cost of $[illegible] per ft.

Also one was intersected at a depth of 269 to 323 feet, with an average assay of 0.35 metal.

ENGINEERS
INSPECTIONS and TESTS

The Bruce Williams Laboratories

ESTABLISHED 1898

Main Office 620-622 Joplin Street Telephone 556

JOPLIN, MISSOURI

CHEMISTS
INDUSTRIAL and ANALYTICAL

Picher, Oklahoma
109 S. Connell Street
Telephone 710

St. Louis, Missouri
306 Valley Drive
Telephone Imperial 3226

Dale Mining Company
811 Kentland Drive
Neosho, Missouri

10-3-52

OUR NO.	MARK	DESCRIPTION	ZINC	IRON	LEAD	LIME	MOISTURE
626812	Stark City, Missouri	265-267½	1.40				
813		267½-270	2.64				
814		270-282½	0.38				

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
OCT 6 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 2405 Contract No. Idm-B 325
Operator's Name Dale Mining Company Minerals ~~Fl~~
Address 811 Kentland Drive; Neosho, Missouri Zinc - Lead
Contract Amount, $ 7776.00 Government Participation: 50 % Amount, $ 3888.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Contracts: Short Form						
Drilling 270 $2.40	$648.00	$648.00	$1296.00			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$648.00		$1296.00			

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

Date Sept. 15-52 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 324.00

Signature
(Authorized Certifying Officer)

Date Vou. No. 6-45
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Jdm-F325 in accordance with the terms of the contract.

Signature Clinton C. Knox Title Mining Engineer Date Sept. 18, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Exec. Off. Date Sep. 23, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-101A
(April 1952)

SEP 18 1952

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1952 Docket No. DMEA 2485 Contract No. E 325
Operator's Name Dale Mining Company Minerals Zinc - Lead
Address 811 Kentland Drive, Neosho, Missouri

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	Foot	$648.00	270	$1296.00	540	$2.40	3,240	$2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$648.00	270	$1296.00 ~~$648.00~~				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
		C.C.K.	C.C.K.	$1296.00 C.C.K.				
TOTAL COSTS		$648.00	270	~~$648.00~~				$7776.00

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 15-52 Operator Dale Mining Co.
Per Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~WASHINGTON 25, D. C.~~
Joplin, Missouri
October 3, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 6 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA-2485
Contract No. Idm-E325
Dale Mining Co.

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for August, 1952 on Forms MF-104 and MF-104A with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original was forwarded to U. S. Bureau of Mines, Amarillo, on September 23, 1952 and notice of its certification has been received.

Sincerely yours,

David Gallagher

David Gallagher
Executive Officer
DMEA Field Team, Region VI

/jd
Encs.

DALE MINING COMPANY
Docket DMEA-2485 (Zinc-Lead)

Narrative Report

August, 1952 Project Contract Idm-F325

During the month, churn drilling of the second hole on the project (No. 12, on the attached log) was completed at 270 feet in depth on August 23, 1952. Its location is that designated as No. 12 on the map of the proposed locations, previously attached as a part of the project contract.

As submitted in the drill hole logs, the zinc content of the two cutting samples which were assayed from hole No. 12, exceeded those of hole No. 3 which was previously drilled and described in the July Monthly Report. That was the first hole drilled on the project and its location was likewise designated as No. 3 on the map of proposed locations, previously attached as a part of the contract.

No unusual difficulties were encountered.

DALE MINING COMPANY

Exploration Drilling Log

Churn X

HOLE 3

Farm Name: Patterson Lease: Patterson

Location: NE¼ NW¼ Sec. 30, Twp. 27-N, Range 31-W

Contractor: Dale Mining Company Drillers: Patterson & Miller

Water at: None. Commenced: 8/4/52 Finished: T.D. 270'

From	To	Description of Formation	Mineral Estimates
0	30	Soil, clay, gravel, shale	
30	35	Clay, gravel, shale	
35	40	Grey limestone	
40	45	Grey limestone, some tan limestone, gray chert	
45	50	ditto	
50	55	ditto	
55	60	Brown & grey limestone, some grey chert, pyrates Iron	
60	65	ditto	
65	70	ditto	
70	75	ditto	
75	80	ditto	Fossil Ferrous
80	85	Brown limestone, little grey limestone, specks chert	
85	90	ditto	
90	95	ditto	
95	100	Brown limestone, some grey limestone	Pyrates Iron
100	105	ditto	
105	110	ditto	
110	115	ditto	
115	120	ditto	
120	125	ditto	
125	130	ditto	
130	135	ditto	
135	140	ditto	
140	145	ditto	
145	150	ditto	
150	155	Brown, tan and grey limestone, speck grey chert	
155	160	ditto	
160	165	ditto	
165	170	ditto	
170	175	ditto	
175	180	ditto	
180	185	ditto	
185	190	ditto	
190	195	Brown, tan and grey limestone, some grey spotted chert	
195	200	ditto	

Dale Mining Co.
Exploration Drilling Log
Patterson land

From	To	Description of Formation	Mineral Estimates
200	205	Brown limestone, grey and blue chert	
205	210	ditto	
210	215	ditto	
215	220	ditto	
220	225	ditto	
225	230	Grey, brown limestone, grey & blue chert, tr zn.	
230	235	Dense grey chert, some brown chert, tr. zn.	
235	237½	ditto	
237½	242	ditto	
242	245	ditto	
245	247½	ditto	good shines Zn
247½	250	ditto	trace zn.
250	252½	ditto	shines zn.
252½	255	ditto	good ore zn.
255	257½	ditto	trace zn.
257½	260	Grey & white chert, dense grey and blue chert	trace zn.
260	265	ditto with some brown limestone	
265	270	ditto ditto	

A S S A Y

	ZnS
245 - 247½	2.97
247½ - 250	shines
250 - 252½	"
252½ - 255	12.57

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 July 195[illegible] Docket No. DMEA [illegible] Contract No. Idm [illegible]
Operator's Name Dale Mining Company Minerals zinc, lead
Address 611 Kentland Drive, Neosho, Missouri
Contract Amount, $ 7770.00 Government Participation: 50 % Amount, $ [illegible]

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: Short Form 270 [illegible]	[illegible]	[illegible]	[illegible]			
Drilling						
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	[illegible]		[illegible]			

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

Date 8-5-52 *Payee Dale Mining Co.

By Gerald Klepinger Title Partner

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

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

(Instructions on reverse)

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

$ 324.00

Signature _____
(Authorized Certifying Officer)

Date _____ Vou. No. 6-41
(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-325 in accordance with the terms of the contract.

Signature Wm. P. Williams Title Geologist Date 8-7-52

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature David Gallagher Title Ex. Off. Date Aug. 7, 1952

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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 July 1952 Docket No. DMEA _____ Contract No. Idm.-E 325
Operator's Name DAle Mining Company Minerals zinc-lead
Address 811 Kentland Drive, Neosho, Missouri

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn	feet	$648.00	270	$648.00	270	$2.40	3,240	$ 2.40
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$648.00	270	$648.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				$648.00				$7776.00

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 8-5-52 Operator Dale Mining Co.
By Gerald Klepinger Title Partner

REMARKS:

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

(Instructions on reverse)

(For Government use only)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 26 1952

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

DALE MINING COMPANY

Exploration Drilling Log

Farm Name Patterson Lease Patterson Hole No. 12

Location NE¼ NW¼ Sec. 30, T-27N, R-31-W, Newton County, Missouri

Coordinates Elev.

Ft. of Casing 8½" ; 28 6½" ; 4 7/8"; Left in Hole

Contractor Dale Mining Company Drillers Hugh Patterson, Bill Miller

Water At: No Water Commencing 7-15-52 Finished 7-30-52 T.D.270

From	To	Description of Formation	Mineral Estimates	
0	28	Surface Clay Yellow Boulders (chert)		
28	30	Grey LS, Some Grey Chert (95%) (5%)		
30	35	Grey LS,		
35	40	Grey LS, Dense Grey Chert (75%) (25%)		
40	45	Tan& Grey LS(75%) Dense Grey Chert(25%) & Specks Shale		
45	50	" " " " Dense Grey Chert 50-50		
50	55	Shelly Grey & Tan LS Grey Chert 75-25		
55	60	Tan & Grey LS Some Grey Chert 85-15		
60	65	" " " Grey Chert 50-50		
65	70	Tan & Grey LS Very little Grey Chert		
70	75	" " " " " " " Specks of Dark Shale	Pyrates	Iron
75	80	" " " " little Grey Chert	Fossil	Ferous
80	85	" " " " " " "	"	"
85	90	Shelly Grey LS 100%	"	" Iron
90	95	" " " Some Tan LS 95-5	"	" "
95	100	Grey & Tan LS 95-5	"	" "
100	105	" " " " Some Grey Chert		" "
105	110	" " " " " " "		" "
110	115	" " " "		
115	120	" " " "		
120	125	" " " "		
125	130	" " " " Grey Chert 75-25		
130	135	" " " " " " " "		
135	140	" " " " " " 85-15		
140	145	" " " " " " " "		

Price Ft. Driller

Record water encountered, cavities, faults, delays, etc. on reverse

From	To	Description of Formation	Mineral Estimates
145	150	Grey & Tan LS Some Grey Chert	85%-15%
150	155	Grey & Tan LS Very little Grey Chert	95%-
155	160	Grey LS & Tan LS" " " " "	-"
160	165	" " & " " " " " " "	-"
165	170	" " & " " " " " " "	-"
170	175	" " & " " " " " "	50-50
175	180	" " & " " Grey Spotted Chert	Translucent Chert 40-60
180	185	" " & " " " " " "	" " "
185	190	Grey Chert Grey LS " " "	
190	195	" " " " " " "	
195	200	" LS " Chert Specks ZnS	
200	205	Grey Mottled Chert Transculent Chert & Tan LS	
205	210	" Brown Chert & Specks Calcite	
210	215	" " " " "	
215	220	" " & Mottled Chert	
220	225	Dense Grey Chert Grey Chert Some White Chert	
225	230	" " " " " White & Transculent Chert	
230	235	" " " " " " " "	Dark Chert Spotted " Black "
235	237½	" " " " " Black Chert	Trace ZnS
237½	240	" " " " " " "	x " "
240	242½	" " " " " " "	x " "
242½	245	" " " " " " "	x " "
245	247½	" " " " " " "	x " "
247½	250	" " " " " " "	x " "
250	252½	" " " " " " "	Good ZnS Jasperoid
252½	255	" " " " " " "	Fair ZnS "
255	257½	Blue & Dense Grey Chert Brown Chert	& Trace ZnS
257½	260	" " " " " "	
260	262½	" " " " " "	
262½	265	" " " " LS	
265	270	" " " " LS	

Assay	Zns
250-252½	5.31
252½-255	1.80

Drillers Log

Driller Hugh Patterson
Helper Bill Miller

Hole # 12
Commenced 7-15-52
Completed 7-30-52

No Water

Casing 28 Ft. 6⅛"

0 - 28	Soil Clay & Boulders
28- 45	Grey Ls Grey Flint
45- 75	" " " & Blue Flint
75- 80	Brown & Grey LS Grey Chert
80- 205	Grey " Brown LS " "
205-220	Brown & Grey LS " "
220-235	Grey Blue & White Flint Grey LS
235-240	" " brown Flint Trace Zinc
240-250	Blue & Brown Flint
250-252½	Grey blue & Brown Flint Zinc
252½-260	Blue Brown & Grey Chert Some Grey Ls
260-270	" " " " " "

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
Joplin, Missouri
August 25, 1952

Operating Committee
Defense Minerals Exploration
Administration
U. S. Department of Interior
Washington 25, D. C.

Re: Docket No. DMEA 2485
Contract No. Idm-E325
Dale Mining Company

Dear Sirs:

Transmitted herewith are two copies of the monthly report for the subject Exploration Project for July, 1952 on Forms MF-104 and MF-104A with appropriate attachments, as required by the Washington office of the Defense Minerals Exploration Administration.

The original was forwarded to U. S. Bureau of Mines, Amarillo on August 7, 1952 and notice of its certification has been received today.

Sincerely yours,

David Gallagher

David Gallagher
Executive Officer
DMEA Field Team, Region VI

/jd
Encs.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
[illegible]
AUG 28 1952

JUL 1 6 1964

Dale Mining Company
c/o Mr. Gerald Klepinger
811 Kensland Drive
Neosho, Missouri

Re: EMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract Ldm-E125

Gentlemen:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development dated February 6, 1956, all minerals mined or produced from June 22, 1952, to June 22, 1964, were subject to the Government's royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract. Your attention, however, is called to the provisions of the contract which require the Operator to keep and preserve certain records for the periods indicated.

Sincerely yours,

George Fumich, Jr.

Acting Director

FMMurphy/mm (7/15/64)
cc: Mr. and Mrs. Dennis Patterson, Route 2, Granby, Missouri
Mr. and Mrs. N. R. Sitler, Route 2, Granby, Missouri
Director's Reading File
√CA&A Division
R. A. Laurence w/cy of Form 63 dated 6/22/64
Docket
120M

MAY 5 1960

REGION IV

Mr. R. K. Stroup
P.O. Box 308
Baxter Springs, Kansas

Re: DMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract 18s-E525

Dear Mr. Stroup:

Reference is made to your letter of April 29, 1960, addressed to Mr. Robert A. Laurence, former Executive Officer, Region V, and referred to me for reply. Following are answers to your four questions:

1. The official records on docket DMEA-2485 in your custody may not be made available to the Landowners. This information is for the use of the Government only and there are no procedures for removing the restrictions.

2. The amount still due the Government is $4,587.71.

3. The Government lien against the property expires June 22, 1964.

4. The Clark lease (E½ of NE ¼ of NW¼ of Sec. 30, T. 25 N., R-30W) is included in the contract area.

Sincerely yours,

Acting Field Officer

LGHouk/fw-5/4/60
cc: Docket
CA&A Division
Chron.
Reg. IV

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

**CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT**

To: Mr. Gerald Klepinger, Executive Partner
Dale Mining Company
811 Kensland Drive
Neosho, Missouri

Pursuant to the provisions of Exploration Project Contract No. Idm-4325, dated June 22, 1952, Docket No. DMEA-2485, hereinafter called the "contract", between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows: Churn drilling done on the Patterson and Clark leases has proven the existence of zinc-lead ores occurring as a sheet-ground type of deposit in limestone rocks.

Dated FEB 6 1956

WRGriswold/er (1/27/56)
Copy to:
Docket
C. A Fredell, Dr.,MD,EPS
Mr. Bishop, 3617
Mr. Kiilsgaard, 5224
Admr. R. File
Op. Committee
Base Metals
Cent.Adm.&Audit Div.
Finance Office
Region IV (2)
Mr. F. E. Johnson
Mr. W. R. Griswold
Chron.

THE UNITED STATES OF AMERICA

By C A Mittendorf
Administrator, Defense Minerals
Exploration Administration

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

FEB - 6 1956

Mr. Gerald Klepinger, Executive Partner
Dale Mining Company
811 Kentland Drive
Neosho, Missouri

Re: Docket No. DMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Idm-2325

Dear Mr. Klepinger:

Transmitted herewith is a certification of discovery or development related to the Exploration Project Contract No. Idm-2325, dated June 22, 1952, on the lands described in the contract.

By the terms of the Exploration Project Contract and of the Certification, all production from the land described in the contract after June 22, 1952, the date of the contract, is subject to the Government's percentage royalty as set forth in the said contract until the sum of $10,910.40 (subject to audit) which the Government has advanced as its participating interest is repaid, or until June 22, 1964, whichever occurs first.

Payments should be made to Mr. Clinton C. Knox, Executive Officer, DMEA Field Team, Region IV, P. O. Box 4431, Joplin, Missouri. Checks should be drawn in favor of the Defense Minerals Exploration Administration. The purchaser should be advised to deduct royalties from the amount due on each shipment and forward the checks to the Executive Officer.

Royalty payments to the Government should be accompanied by suitable evidence, such as copies of settlement sheets, showing quantity and grade of the products sold, the name of the purchaser, and the price and charges, certified to be correct by the purchaser.

You are requested to notify Mr. Knox of any changes in ownership or production rights that might affect the Government's right to its percentage royalty. Also, if production ceases at any time for an extended period please notify Mr. Knox at six-month intervals that such is the case.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosure

Finance Office
Mr. F. E. Johnson
Mr. W. R. Griswold
Chron.

Admr R. File
Op. Committee
Base Metals
Region IV (2)
Cont.Adm.&Audit Div.

WRGriswold/ar 1/26/56
Copy to: Docket
Mr. C. A. Fredell, Dr.,MD,EPS
Mr. Bishop, USBM
Mr. Killgaard, USGS

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

FEB - 6 1956

Mr. Clarence A. Fredell, Acting Director
Materials Division
Emergency Procurement Service
General Services Administration
Washington 25, D. C.

Re: Docket No. DMEA-2485 (Lead-Zinc)
Dale Mining Company
Patterson Mine
Newton County, Missouri
Contract No. Idm-E325

Dear Mr. Fredell:

Enclosed is a copy of a certification of discovery or development related to Exploration Project Contract No. Idm-E325.

The contract was dated June 22, 1952, with the Government participating to the extent of 50 per cent in an exploration project estimated to cost $31,104.00. Actual expenditures (subject to audit) totalled $21,820.80, with the Government's share being half of such amount, or $10,910.40.

The total amount of work provided for under the contract consisted of 12,960 feet of churn drilling. Churn drilling in the amount of 9,092 feet was actually done.

The discovery consisted of zinc-lead ores occurring as a sheet-ground type of deposit in limestone rocks. The ore reserve indicated as a result of such work consisted of 240,000 tons with an average grade of 3.0 per cent zinc and 0.1 per cent lead.

Sincerely yours,

O. O. Wittenberg

Administrator

WRGriswold/er (1/26/56)
Copy to: Docket
Cont.Adm&Audit
Region IV (2)
Base Metals
Admr R File
Op. Committee
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
F. E. Johnson
W. R. Griswold
Chron.

Enclosure

C
O
P
Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
P. O. Box #431
Joplin, Missouri

December 5, 1955

Mr. Gerald Klepinger, Executive Partner
Dale Mining Company
811 Kentland Drive
Neosho, Missouri

Re: DMEA-2485 (lead-zinc)
Patterson Mine, Newton County, Mo.
Project Contract Idm-E325

Dear Mr. Klepinger:

Confirming conversation in my telephone call to you on the evening of November 30, since the project work was not resumed before the termination of the period fixed for suspension, the provisions under item 5 of the Contract Amendment No. 4 became effective, and your final geologic and engineering report including an estimate of ore reserves resulting from the exploration work, is due as required under Article 5(b) of the subject contract.

I regretted that circumstances prevented completion of the exploration project. Please advise as to when that final report to the Government can be expected to permit closing this account.

With best personal regards, I remain

Sincerely yours,

Clinton C. Knox
Executive Officer
DMEA Field Team, Region IV

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MINERALS TECHNOLOGY
DIVISION

JUL 21 1955

BUREAU OF MINES
JOPLIN, MO.

EXPLORATION PROJECT CONTRACT
DALE MINING COMPANY
DOCKET NO. DMEA-2485

AMENDMENT NO. 4

It is agreed this 27th day of May, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Dale Mining Company, hereinafter called the "Operator," parties to that certain Exploration Project Contract Idm-E325, Docket No. DMEA-2485, dated June 22, 1952, as amended, hereinafter called the "Contract," that:

1. (a) Work under the Contract shall be suspended during the period beginning March 1, 1955, and ending not later than December 1, 1955.

(b) No costs incurred by the Operator during the period of suspension shall be allowable for contribution by the Government, and the Government shall not contribute to any costs of rehabilitation or repair which, in its opinion, would not have occurred if there had been no suspension of the work.

(c) The Operator at his own cost and expense, without contribution by the Government, during the period of suspension shall preserve and protect the project work and any property in which the Government has an interest.

2. The time fixed for the completion of the work is further extended to June 22, 1956.

3. In Article 7 of the Contract form, that part of the second sentence beginning with the word "Provided" is deleted.

4. The maximum period for royalty payments and lien for the payment thereof, provided for in the Contract, is increased to 12 years.

5. It is of the essence of this Contract that the work be resumed before the termination of the period here fixed for suspension; and if it is not so resumed in the manner required by the Contract, the following provisions shall thereupon become effective:

(a) Effective March 1, 1955, the Contract and all obligations of the parties thereunder, except as otherwise herein expressly provided, shall be and are hereby terminated.

(b) The Government shall contribute only to the fixed unit costs of work performed prior to said effective date.

(c) The Operator shall promptly perform all winding-up and settlement actions provided for in the Contract, including the rendering of the final report and final account.

(d) All rights of the Government provided for in the Contract with respect to a certification of discovery or development and a percentage royalty and lien for its payment are preserved.

(e) The Operator hereby releases and agrees to save the Government harmless from all claims or demands under or arising out of said Contract, except as otherwise provided in this agreement.

This agreement shall not be construed to increase the estimated total cost of the project nor the aggregate total amount which the Government may be required to contribute under the provisions of the Contract.

IN WITNESS WHEREOF, these parties have executed this agreement as of the day and year first above written.

THE UNITED STATES OF AMERICA

By C P Mitkemeyer
Administrator, Defense Minerals
Exploration Administration

DALE MINING COMPANY

By Gerald Klepinger

MF-203
Revised March 24, 1955

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JUL 14 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator Dale Mining Company
Docket No. DMEA- 2485
Contract No. Idm-E 325
Contract Date June 22, 1952

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Newton, State of Missouri, described as follows:1/

All of the NE¼ of Section 30, Township 25 N., Range 30 W.,

except ground within 250 feet of the Patterson shaft,

which is the subject of an ~~a proposed~~ exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government," in consideration of Amendment No. 4 to the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

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MINERALS TECHNOLOGY
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BUREAU OF MINES
JOPLIN, MO.
BUREAU OF MINES
JOPLIN, MO.

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

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

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

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 2nd day of July, 1955.

Dennis Patterson [Seal]
Dennis Patterson

_____ [Seal]
Mary V. Patterson

Mary V. Patterson [Seal]

I, _____ certify that I am the _____ (Secretary, etc.) of the corporation named herein; that _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____
[Corporate Seal]

MF-203
Revised March 24, 1955

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator Dale Mining Company
Docket No. DMEA- 2485
Contract No. Idm-E 325
Contract Date June 22, 1952

CONSENT TO LIEN

RECEIVED
JUL 14 1955

To the United States of America:

Referring to that certain land in the County of Newton, State of Missouri, described as follows:1/

East 1/2 of the NE 1/4 of the NW 1/4 of Section 30, Township 25 N., Range 30 W., containing 20 acres more or less,

which is the subject of an ~~a proposed~~ exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" Amendment No. 4 to in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

None

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DIVISION
JUL 12 1955
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BUREAU OF MINES
BUREAU OF MINES
JOPLIN, MO.

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

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

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

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

Dated this 7th day of July, 1955

N R Sitler [Seal]
N. R. Sitler

[Seal]
Bertha Sitler

Bertha Sitler [Seal]

I, _____ certify that I am the _____ (Secretary, etc.) of the corporation named herein; that _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____
[Corporate Seal]

Government's Copy

EXPLORATION PROJECT CONTRACT
DALE MINING COMPANY
DOCKET NO. DMEA-2485

AMENDMENT NO. 3

It is agreed this 9th day of July, 1954, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and Gerald E. Klepinger, D. P. Klepinger, and Jess Worley, partners, doing business as Dale Mining Company, hereinafter called the "Operator," that Exploration Project Contract Idm-E325 (Docket No. DMEA-2485), dated June 22, 1952, as amended, hereinafter called the "Contract," is further amended, effective as of June 22, 1952, as follows:

1. In Article 3 of the Contract form, the first sentence is replaced by the following:

> The Operator shall continue work on a project of exploration for lead and zinc in and upon the described lands of the Contract (as amended by Amendment No. 1), and shall bring the project to completion prior to June 22, 1955 (in lieu of June 22, 1954, provided by Amendment No. 2).

2. Annex I attached hereto and made a part hereof is substituted for Article 6 of the Contract form.

3. In Article 4 of the Contract form, delete the sums "$7,776.00" and "$15,552.00" provided by Amendment No. 2, and substitute the sums "$15,552.00" and "$31,104.00," respectively.

4. Exhibit "A" is revised to read as follows:

EXHIBIT "A"

Description of the Work

The objectives of the project are the determination of mineralization and the delineation of any ore runs.

The work consists of three stages.

Stage I

This stage consists of churn drilling 12 holes to a depth of approximately 270 feet each in an area between the Federal Moss and the Patterson mines, and around the Patterson mine. Tentative locations of the drill holes are shown on the map attached to the Contract entitled "Dale Mining Co., Dennis Patterson Lease in the NE$\frac{1}{4}$ of Sec. 30, T. 25 N., R. 30 W., Newton County, Mo." Actual locations and depth of the holes are, however, subject to modification with approval of the Government as drilling progresses, to the extent necessary to achieve the objectives of the project.

Stage II

Twelve holes shall be churn drilled to a depth of approximately 270 feet each, 6 of which are to be located on the Patterson lease in the NE$\frac{1}{4}$ of Section 30, Township 25 N., Range 30 W., and tentatively indicated on the map attached to Amendment No. 2; and 6 holes on the Clark lease in the E$\frac{1}{2}$ of the NE$\frac{1}{4}$ of the NW$\frac{1}{4}$ of Section 30, Township 25 N., Range 30 W., and tentatively located on the map attached to Amendment No. 2.

The location, direction, and inclination of all holes shall be subject to the approval of the Government.

Stage III

Twenty-four holes shall be churn drilled to a depth of approximately 270 feet each, at the tentative locations on the lands known as the Patterson and Clark leases as indicated on the map attached hereto and made a part hereof.

The location, direction, and inclination of all holes shall be subject to the approval of the Government.

Agreed Unit Costs of Project

Stage I

3,240 feet of churn drilling @ $2.40/ft.	$7,776.00

Stage II

3,240 feet of churn drilling @ $2.40/ft.	$7,776.00

Stage III

6,480 feet of churn drilling @ $2.40/ft.	15,552.00

Agreed Estimated Total Cost of Project	$31,104.00
Government Participation @ 50%	$15,552.00

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By O. Meadors
Administrator, Defense Minerals Exploration Administration

DALE MINING COMPANY

By Gerald E. Klepinger (Partner)

By D. L. Klepinger (Partner)
By G. E. Klepinger

By Jess Worley (Partner)
By G. E. Klepinger

EXPLORATION PROJECT CONTRACT
DALE MINING COMPANY
DOCKET NO. DMEA-2485

ANNEX I

The following provisions are in lieu of Article 6 :

Repayment by Operator.--a. Certification.--If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Royalty on production.--The Operator, as principal, if the Operator is the producer, or as surety, if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, for a period of ten years* from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

c. Basis for computation.--The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f.o.b. point); except, that charges of the buyer arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by the buyer, sampling and assaying to determine the value of the production sold, and freight paid by the buyer to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the

* The period "eleven years" is substituted for the period "ten years."

Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the raw ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

d. Unsold production.--If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value thereof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

e. Percentages of royalty.--The percentages of the Government's royalty shall be as follows:

> One and one-half ($1\frac{1}{2}$) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half ($\frac{1}{2}$) percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.
>
> (For instance: the royalty on an amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on an amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

f. Lien for payment.--To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

g. Notice to purchasers.--The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

h. No obligation to produce.--Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

i. Government not obligated to buy.--Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

Bureau of Land Management
Eastern States Office
RECEIVED
AUG 27 1954

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

All of the NE¼ of Section 30, Township 25 N., Range 30 W., except ground within 250 feet of the Patterson shaft,

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

2/ Dale Mining Company, a partnership consisting of Gerald E. Klepinger, D. P. Klepinger, and Jess Worley, 811 Kentland, Neosho, Missouri

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production ~~(as set forth on the reverse side hereof)~~ and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of Amendment No. 3 to said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

4. Changes and added provisions

Dated this 29th day of June, 1954.

Dennis Patterson [Seal]
Dennis Patterson

[Seal]
Mary V. Patterson

Mary V. Patterson [Seal]

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

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

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

~~Repayment by Operator.--a. Certification.--If at any time the Government considers that~~ a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

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

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

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

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

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

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production ~~operations.~~

Interior—Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

AUG 27 1954

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

East ½ of the NE¼ of the NW¼ of Section 30, Township 25 N., Range 30 W., containing 20 acres more or less,

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

2/ Dale Mining Company, a partnership consisting of Gerald E. Klepinger, D. P. Klepinger, and Jess Worley, 811 Kentland, Neosho, Missouri,

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production ~~(as set forth on the reverse side hereof)~~ and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

NOW THEREFORE, the undersigned, in consideration of Amendment No. 3 to said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

4. Changes and added provisions

Dated this 29th day of June, 1954.

~~Silas Clark~~ N R Sitler [Seal]

~~Velma Clark~~ Bertha Sitler [Seal]

[Seal]

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

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

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

RELEVANT CONTRACT PROVISIONS

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production (including any bonuses), in whatever form disposed of, including ore, concentrates, or metal, as follows:

(a) One and one-half ($1\frac{1}{2}$) percent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(b) One and one-half ($1\frac{1}{2}$) percent of any such net amounts, plus one-half ($\frac{1}{2}$) percent of such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half ($1\frac{1}{2}$) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half ($3\frac{1}{2}$) percent.)

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

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

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Interior—Duplicating Section, Washington, D. C. 47318

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 21 1953

Government's Copy

EXPLORATION PROJECT CONTRACT
DALE MINING COMPANY
DOCKET NO. DMEA-2485

AMENDMENT NO. 2

It is agreed this 7th day of October, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and the Dale Mining Company, a partnership consisting of Gerald E. Klepinger, Dr. D. P. Klepinger and Jess Worley, each acting in consideration of the agreement of the other to the terms hereinafter set forth, that Exploration Project Contract Idm-E325, Docket No. DMEA-2485, dated June 22, 1952, as amended, between the parties hereto, be further modified and amended as follows:

1. This amendment shall be effective as of August 28, 1953.

2. To the description of land in Article 2, the following is added: The E½ of the NE¼ of the NW¼ of Section 30, Township 25 N., Range 30 W., in Newton County, State of Missouri, known as the Clark lease, and containing 20 acres more or less.

3. In Article 3, the first sentence is replaced by the following: The Operator shall continue work on a project of exploration for lead and zinc in and upon the described lands and shall bring the project to completion prior to JUNE 22, 1954.

4. Exhibit "A" is revised to read as follows:

EXHIBIT "A"

Description of the Work

The work is to consist of two stages.

Stage I

The exploration project is to consist of churn drilling 12 holes to an average depth of 270 feet in an area between the Federal Moss and the Patterson Mines, and around the Patterson Mine. The objectives of the project are the determination of mineralization and the delineation of possible ore runs.

Tentative locations of the drill holes are shown on the map attached to the Exploration Project Contract entitled "Dale Mining Co. Dennis Patterson Lease in the NE¼ of Sec. 30, T 25 N., R. 30 W., Newton County, Mo." Actual locations and depth of the holes are, however, subject to modification with approval of the Government as drilling progresses to the extent necessary to achieve the objective of the project.

Stage II

Twelve holes shall be churn drilled to an average depth of 270 feet, six of which are to be located on the Patterson Lease in the NE¼ of Section 30, Township 25 N., Range 30 W., and tentatively indicated on the attached map; and six holes on the Clark Lease in the E½ of the NE¼ of the NW¼ of Section 30, Township 25 N., Range 30 W., and tentatively located as indicated on the map attached hereto and made a part hereof.

The location, direction and inclination of all holes shall be subject to the approval of the Government.

Agreed Unit Costs of Project

Stage I

3,240 feet of churn drilling @ $2.40/ft. $7,776.00

Stage II

3,240 feet of churn drilling @ $2.40/ft. 7,776.00

Total Agreed Unit Cost of Project	$15,552.00
Government Participation @ 50%	$ 7,776.00

Executed in sextuplicate the day and year first above written.

UNITED STATES OF AMERICA

By O. P. Whitehead
Administrator, Defense Minerals Exploration Administration

DALE MINING COMPANY

By G. E. Klepinger Partner

By D. P. Klepinger Partner

By J. A. Worley Partner

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 21 1953

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

All of the Northeast Quarter (NE¼) of Section 30, Township 25 North, Range 30 West, except ground within 250 feet of the Patterson shaft.

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

2/ Dale Mining Company, a partnership consisting of Gerald E. Klepinger, Dr. D. P. Klepinger, and Jess Worley
811 Kentland, Neosho, Missouri Phone Neosho ~~974-W~~ 1567

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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

4. Changes and added provisions _____

Dated this 29 day of Oct, 1953.

Dennis Patterson [Seal]
Mary Vivian Patterson [Seal]
_____ [Seal]

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

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

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

RELEVANT CONTRACT PROVISIONS

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, as follows:

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

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

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

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

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

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

APR 14 1953

Government's Copy

EXPLORATION PROJECT CONTRACT
DALE MINING COMPANY
DOCKET NO. DMEA-2485

AMENDMENT NO. 1

It is agreed this 11th day of April, 1953, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, and the Dale Mining Company, a partnership consisting of Gerald E. Klepinger, Dr. D. P. Klepinger, and Jess Worley, each acting in consideration of the agreement of the other to the terms hereinafter set forth that Exploration Project Contract Idm-E325, Docket No. DMEA-2485, dated June 22, 1952, between the parties, hereto be modified and amended as follows:

1. This amendment shall be effective as of June 22, 1952.

2. To the description of land in Article 2, the following is added: The E½ of the NE¼ of the NW¼ of Section 30, Township 25N, Range 30W, in Newton County, State of Missouri, and containing 20 acres more or less.

3. In Article 3, the first sentence is replaced by the following: The Operator shall continue work on a project of exploration for lead and zinc in and upon the described land and shall bring the project to completion prior to November 1, 1953.

4. In Article 4, the figures "$3,888.00" and "$7,776.00" are changed to "$7,776.00" and "$15,552.00" respectively.

5. Exhibit "A" is revised to read as follows:

EXHIBIT "A"

Description of the Work

The work is to consist of two stages.

Stage I

The exploration project is to consist of churn drilling 12 holes to an average depth of 270 feet in an area between the Federal Moss and Patterson Mines, and around the Patterson Mine. The objectives of the project are the determination of mineralization and the delineation of possible ore runs.

Tentative locations of the drill holes are shown on the map attached to the Exploration Project Contract entitled "Dale Mining Co. Dennis Patterson Lease in the NW¼ of Sec. 30, T.25N., R30W, Newton Co., Mo." Actual locations and depth of the holes, are, however, subject to modification with approval of the Government as drilling progresses and to the extent necessary to achieve the objective of the project.

Stage II

Twelve holes shall be churn drilled to an average depth of 270 feet as tentatively indicated on the map attached hereto and made a part hereof and entitled "Patterson Lease in the NW¼ of Sec. 30, T25N, R30W, Newton County, Mo." The total amount of drilling shall not exceed 3,240 feet.

The location, direction and inclination of all holes shall be subject to the approval of the Government.

Agreed Unit Costs of Project

Stage I

3,240 feet of churn drilling @ $2.40 per foot	$7,776.00

Stage II

3,240 feet of churn drilling @ $2.40 per foot	7,776.00
Total Agreed Unit Cost of Project	$15,552.00
Government Participation @ 50%	$ 7,776.00

Executed in sextuplicate the day and year first above written.

DALE MINING COMPANY

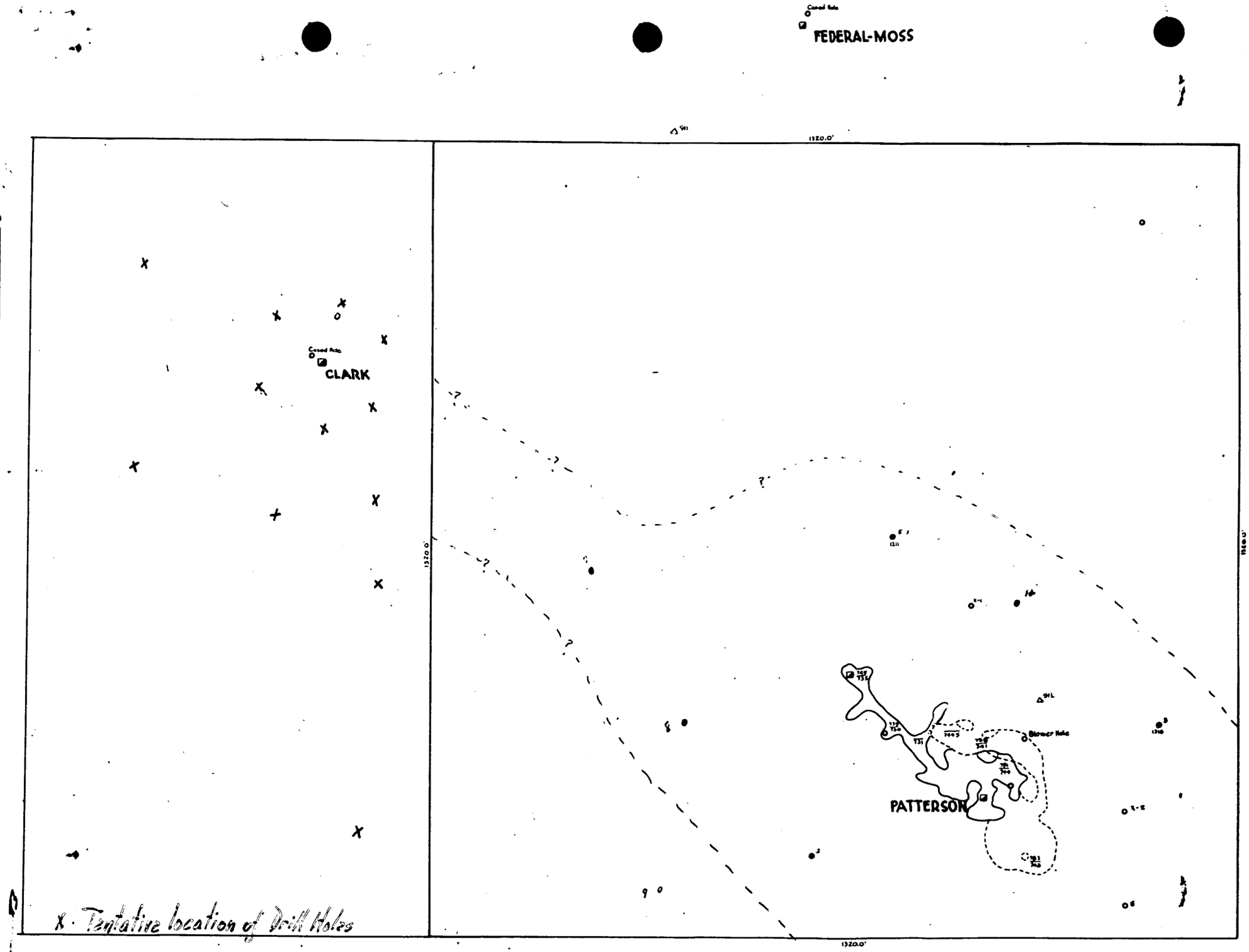
By Gerald Klepinger
Partner

By Dan G. P. Klepinger
Partner

By Jess Worley
Partner

UNITED STATES OF AMERICA

By C. Mitteedorf
Administrator, Defense Minerals Exploration Administration



PATTERSON LEASE
in the NW ¼ of Sec. 30, T25N, R31W
Newton County, Mo.
Scale 1"=100' January, 1953
WILLIAM M. STEWART ENG. CO.
Joplin, Mo.

Dale Mining Company
DMCA-2405

APR 14 1953

Government Copy

MF-203

OWNER'S CONSENT TO LIEN

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

East ½ of N E ¼ of N W ¼

Sec. 30; T. 25; R. 30 containing 20 acres, more or less

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

2/ Dale Mining Company, a partnership consisting of

Gerald E. Klepinger, Dr. D. P. Klepinger, and Jess Worley

811 Kentland, Neosho, Missouri Phone Neosho 974-W

hereinafter called the "Operator"; and

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

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 7,776.00, or ten years have elapsed from the date of the contract.

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

Dated this 11th day of April, 1953.

Silas Clark [~~Seal~~]

Velma Clark [~~Seal~~]

[~~Seal~~]

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

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

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

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

RELEVANT CONTRACT PROVISIONS

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

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

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

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

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

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

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

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

Docket No. 2485

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

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

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

Contract No. Idm-E 325

Date of Contract ~~or amendment~~: May 27, 1952

Name and Address of Operator:

Dale Mining Company
811 Rentland
Neosho, Mo.

Amount of Government participation ____ $ 15,552.00

Percent of Government participation 50 %

Region: IV State: Missouri

Note: Please release $4,641.60. Contract terminated.

E. H. Talbert
(Name)

for J. L. Chambers, Chief
Contract Administration and
Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. 3/28/56

54458

Docket No. 2485

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Amendment

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

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

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

Contract No. Idm-E 325

Date of ~~Contract~~ Amendment: July 9, 1954

Name and Address of Operator:

Dale Mining Company
811 Kentland,
Neosho, Mo.

Amount of Government participation ____ $ 15,552

Percent of Government participation 50 %

Region: VI State: Missouri

Note: This document establishes the obligation shown above and cancels previous obligation of $7,776

(Name)
J. L. Chambers,
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. 7/12/54

54458

Docket No. [illegible]

Commodity [illegible]

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

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

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

Contract No. Idm-E [illegible]

Date of Contract or Amendment: April 11, 1953

Name and Address of Operator:
Zolo Mining Co.
Oil Montland
Cooke, Missouri

Amount of Government
participation ____ $ 7,775.00

Percent of Government
participation 50 %

Region: VI State: Missouri

Note: This document cancels the previous obligation of $9,000.00 and establishes the amount shown above.

(Name)

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

(Title)

Date Delivered to Bureau of Mines, Washington. April 17, 1953 13808

Docket No. 2035

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

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

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

Contract No. Idm-E 325

Date of Contract ~~Or Amendment~~ Revision: June 22, 1952

Name and Address of Operator:
~~Name~~ Dale Mining Co.
Gil Montland
Necho, Missouri

Amount of Government participation $ 3,[illegible].00

Percent of Government participation 50 %

Region: VI State: Missouri

NOTE: This document cancels the previous obligation of $4,090.00 and establishes the amount shown above.

ama
for J. L. (Name) Chambers
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. June 22, 1952 13908

Docket No. 2485

Commodity Lead-Zinc

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

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

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

Contract No. Idm-E-325

Date of Contract ~~or Amendment~~: May 27, 1952

Name and Address of Operator:

Dale Mining Company
811 Kentland
Neosho, Missouri

Amount of Government participation $ 4,090.00

Percent of Government participation 50 %

Region: VI State: Missouri

J.L. Chambers
(Name)
Chief, Contract Administration and Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. May 27, 1952

13908

MF-200 (A)
(February 1952)

DOCKET NO. DMEA 2485

COMMODITY Lead-Zinc

Idm-E325
Government's copy

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

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 22nd day of June, 1952, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and[2] Dale Mining Company, a partnership consisting of Gerald E. Klepinger, Dr. D. P. Klepinger, and Jess Worley 811 Kentland, Neosho, Missouri Phone Neosho 974-W

hereinafter called the "Operator," as follows:

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

ARTICLE 2. *Operator's property rights.*—With respect to that certain land situated in the State of Missouri, County of Newton, described as follows:[3]

All of the Northeast Quarter (NE¼) of Section 30, Township 25 North, Range 30 West, except ground within 250 feet of the Patterson shaft.

the Operator represents and undertakes:[4]

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

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

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

ARTICLE 3. *Exploration project.*—The Operator, within Sixty (60) days from the date of this contract shall commence work on a project of exploration for[5] Lead-Zinc

in or upon the described land; and shall bring the project to completion within a period of eight (8) months from the date of this contract. The work to be performed is more fully described in Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, are made a part of this contract. The Government will contribute to the cost of this work as hereafter provided. The work shall be performed by the Operator or by independent contractor or contractors efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for workmen's compensation and employers' liability insurance, with suitable and adequate equipment, materials, and labor, to bring the project to completion within the time fixed. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

ARTICLE 4. *Costs of the project.*—The agreed, estimated costs of performing the work, expressed in terms of units of work to be performed (per foot of drifting, per foot of drilling, per cubic yard of material to be moved, etc.) are set forth in Exhibit "A," attached hereto. The Government will pay fifty (50) percent of these agreed, estimated costs, as they accrue, for units of work actually performed that conform with the description or specifications for the work set forth in this contract, in an aggregate total amount not in excess of $3,888.00, which is 50 percent of $7,776.00, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(a) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

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

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

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

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

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

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

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

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

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

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

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

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided,* that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

See Back No 2

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* .....

Executed in sextuplicate the day and year first above written.

DALE MINING COMPANY

By Gerald E. Klepinger
Partner (Operator)

By D. P. Klepinger
Partner

By J. A. Worley
Partner

THE UNITED STATES OF AMERICA

By O. P. Mitteadorf

Acting Administrator
Defense Minerals Exploration
Administration

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

_____ [CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

EXPLORATION PROJECT CONTRACT

Dale Mining Company, a Partnership

Docket No. DMEA 2485

EXHIBIT "A"

Description of the Work

The exploration project is to consist of churn drilling 12 holes to an average depth of 270 feet in an area between the Federal Moss and Patterson Mines, and around the Patterson Mine. The objectives of the project are the determination of mineralization and the delineation of possible ore runs.

Tentative locations of the drill holes are shown on the attached map. Actual locations and depth of the holes are, however, subject to modification with approval of the Government as drilling progresses and to the extent necessary to achieve the objective of the project.

Estimate of Costs

3,240 feet of churn drilling @ $2.40 per foot.....$7,776.00

MF-203

OWNER'S CONSENT TO LIEN

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

All of the Northeast Quarter (NE¼) of Section 30, Township 25 North, Range 30 West, except ground within 250 feet of the Patterson shaft.

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

2/ Dale Mining Company, a partnership consisting of

Gerald E. Klepinger, Dr. D. P. Klepinger, and Jess Worley

811 Kentland, Neosho, Missouri Phone Neosho 974-W

hereinafter called the "Operator"; and

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

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

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

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 3,888.00, or ten years have elapsed from the date of the contract.

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

Dated this _____ day of _____, 195 ___.

Dennis Patterson [Seal]

Mary V. Patterson [Seal]

_____ [Seal]

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

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

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

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

RELEVANT CONTRACT PROVISIONS

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

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

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

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

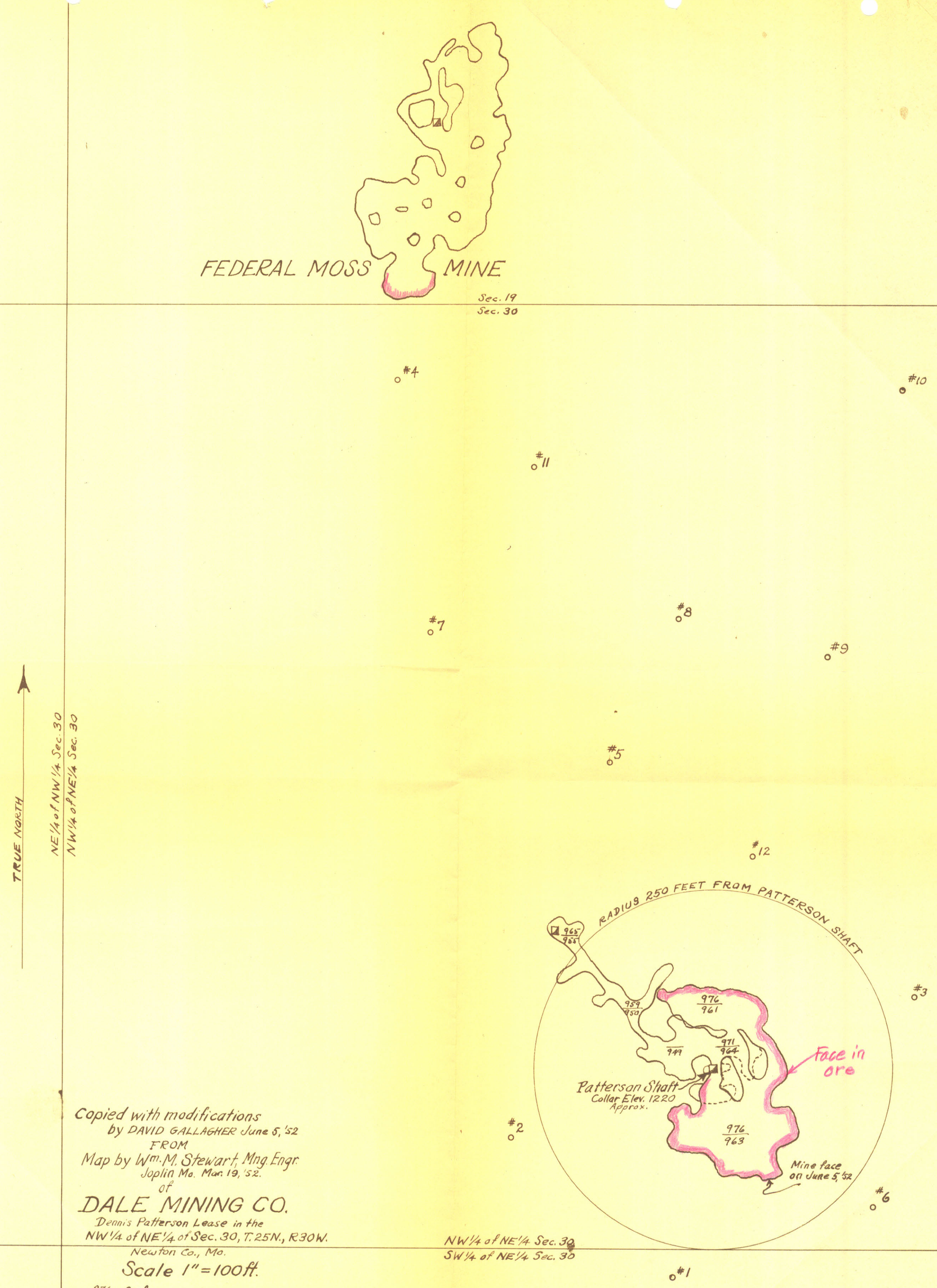
(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is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

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

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1952



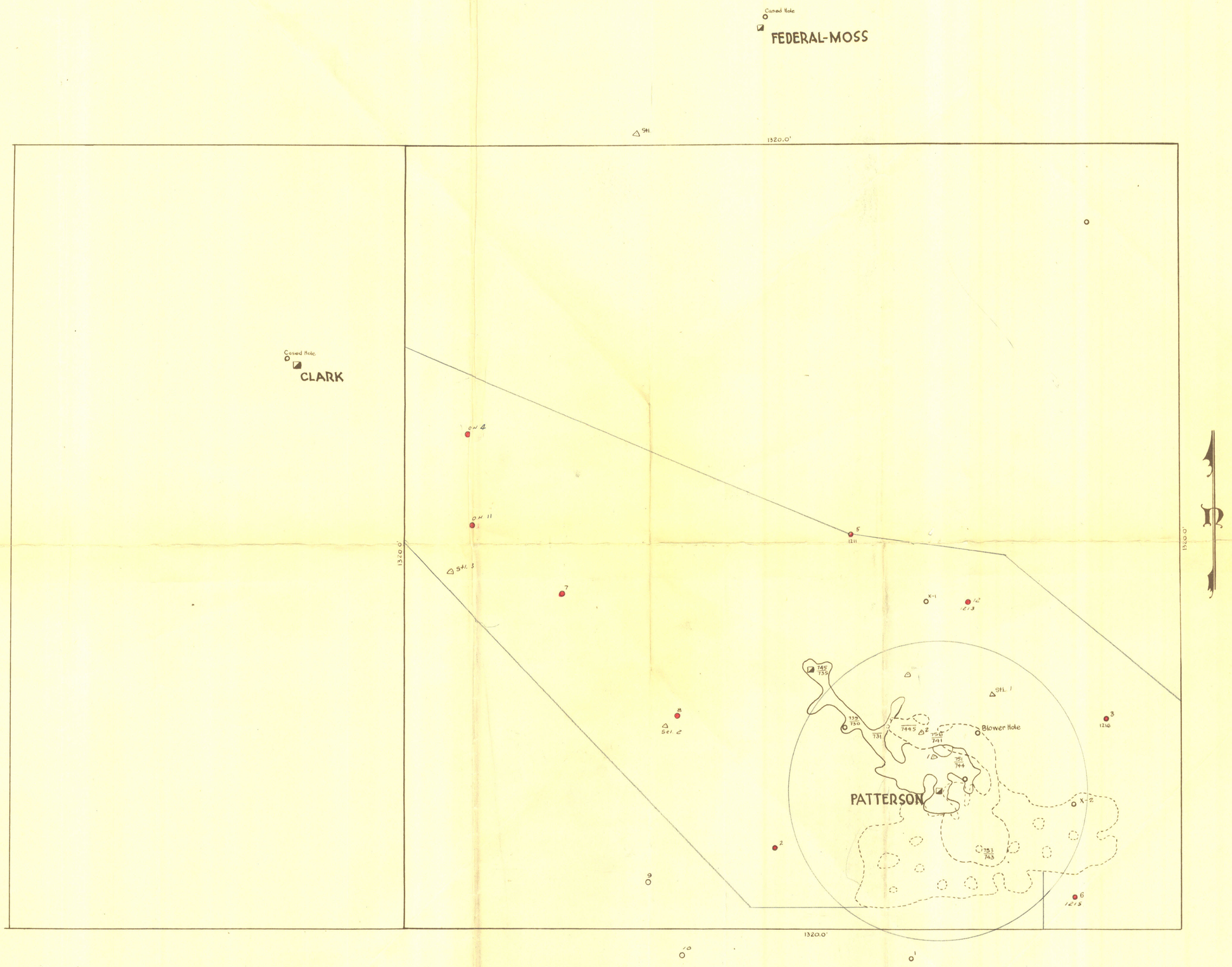
Copied with modifications
by DAVID GALLAGHER June 5, '52
FROM
Map by Wm. M. Stewart, Mng. Engr.
Joplin Mo. Mar. 19, '52.
of

DALE MINING CO.

Dennis Patterson Lease in the
NW 1/4 of NE 1/4 of Sec. 30, T. 25N., R30W.
Newton Co., Mo.

Scale 1" = 100 ft.

976/961 Roof/Floor Elevations above sea level

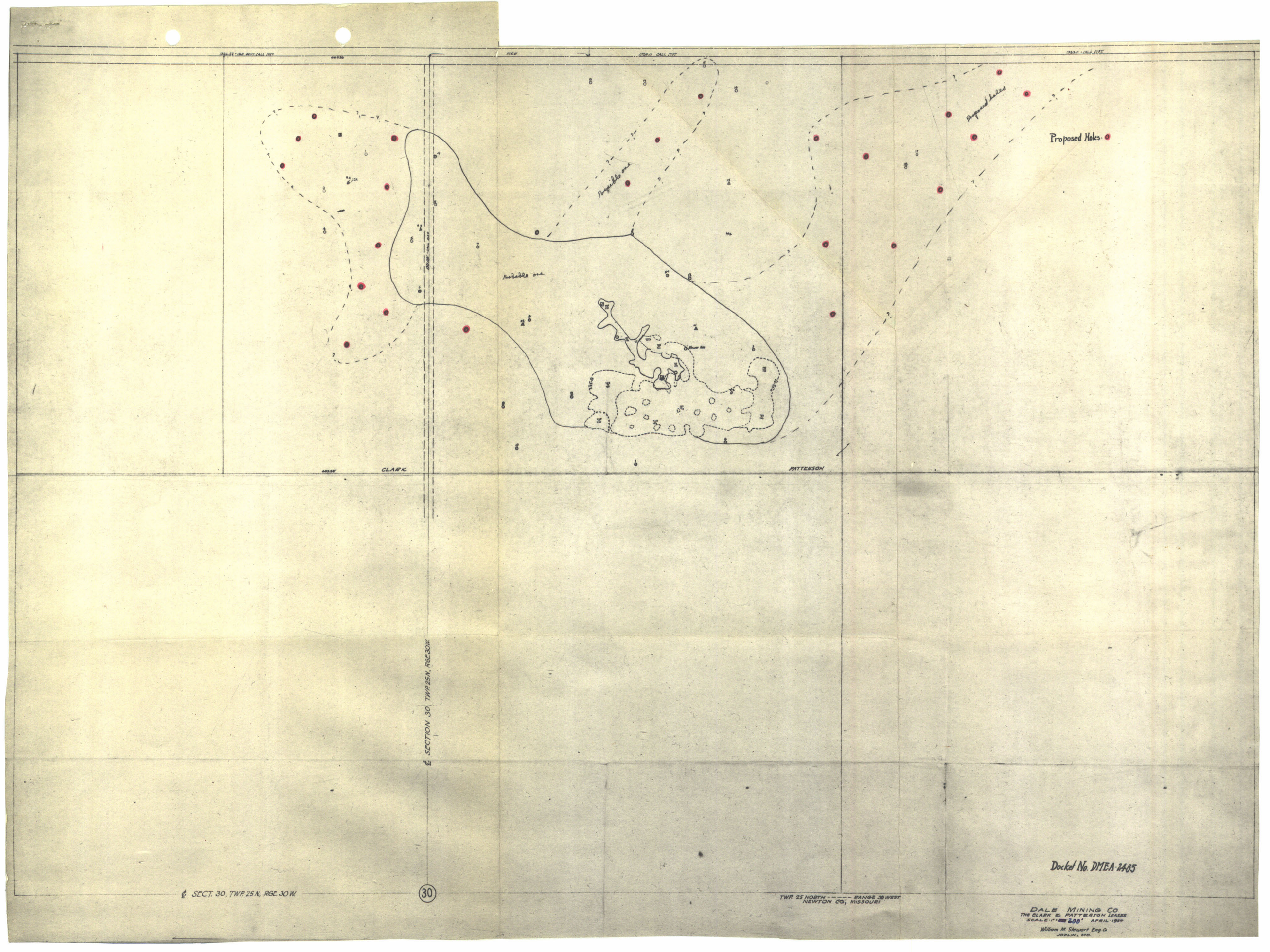


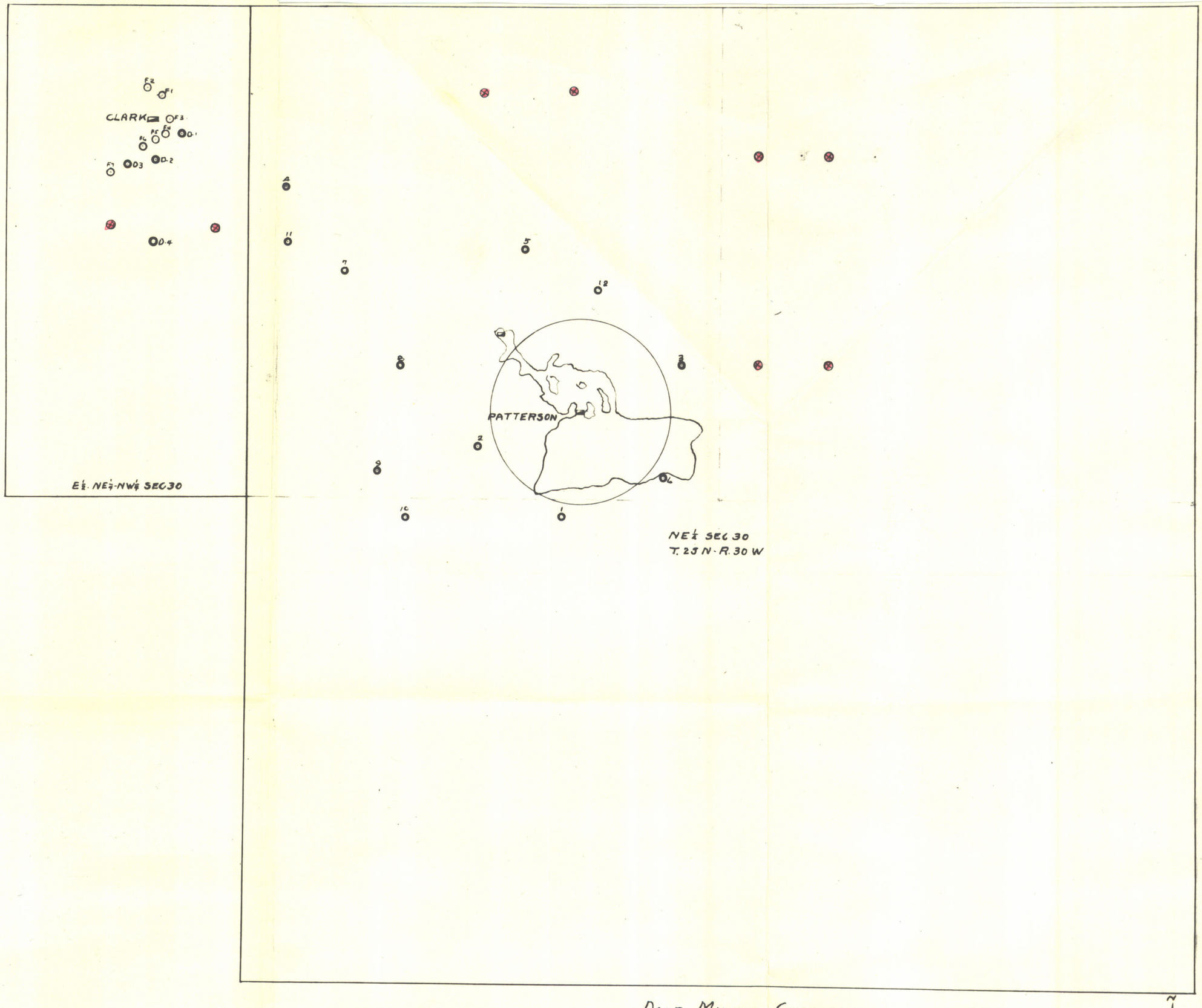
PATTERSON LEASE

in the NW. ¼ of the NE¼ Sec. 30, T25N, R30W
Newton County, Mo.

Scale: 1" = 100' January, 1953

WILLIAM M. STEWART ENG. CO.
Joplin, Mo.


Proposed Holes
Possible ore
Probable ore
Proposed holes
CLARK
PATTERSON
℄ SECTION 30, TWP. 25 N, RGE. 30 W.
℄ SECT. 30, TWP. 25 N, RGE. 30 W.
30
TWP. 25 NORTH ------ RANGE 30 WEST
NEWTON CO., MISSOURI
Docket No. DMEA-2405
DALE MINING CO.
THE CLARK & PATTERSON LEASES
SCALE: 1" = 200'
APRIL 1954
William M. Stewart Eng. Co.
JOPLIN, MO.



DALE MINING COMPANY

NE¼ & E½-NE¼-NW¼ Sec 30. T. 25 N. R. 30 W

NEWTON COUNTY, MO.

SCALE

0 200' 400'

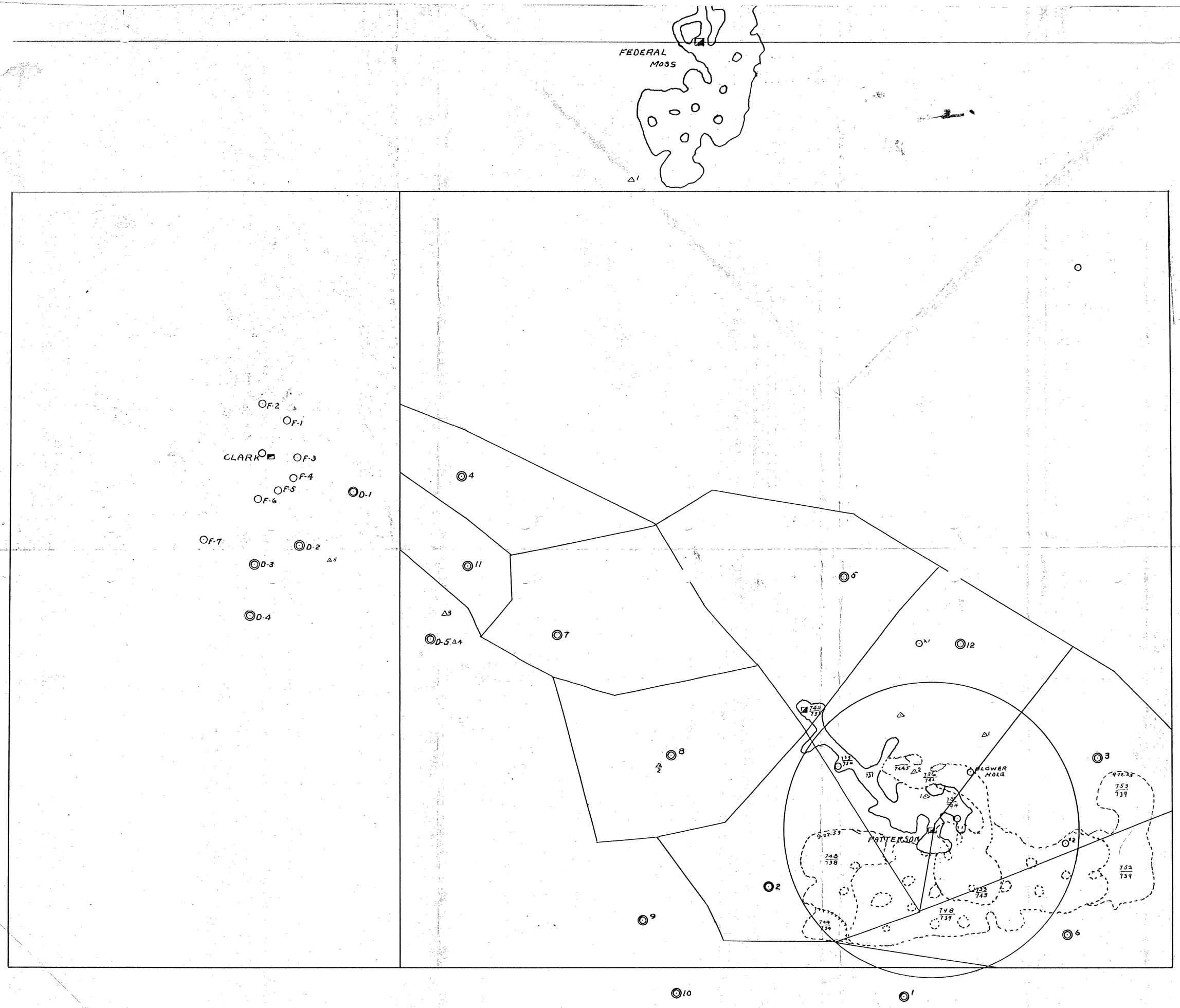
LEGEND:

- EARLIER DRILLING
- DMEA DRILLING
- PROPOSED NEW LOCATIONS

DMEA DOCKET No 2485

IDM E 325

Docket No.: DMEA-2485, Contract No. Idm-E 325



DALE MINING COMPANY

NW¼-NE¼ SEC. 30, T. 25 N., R. 30 W

NEWTON COUNTY, MO.

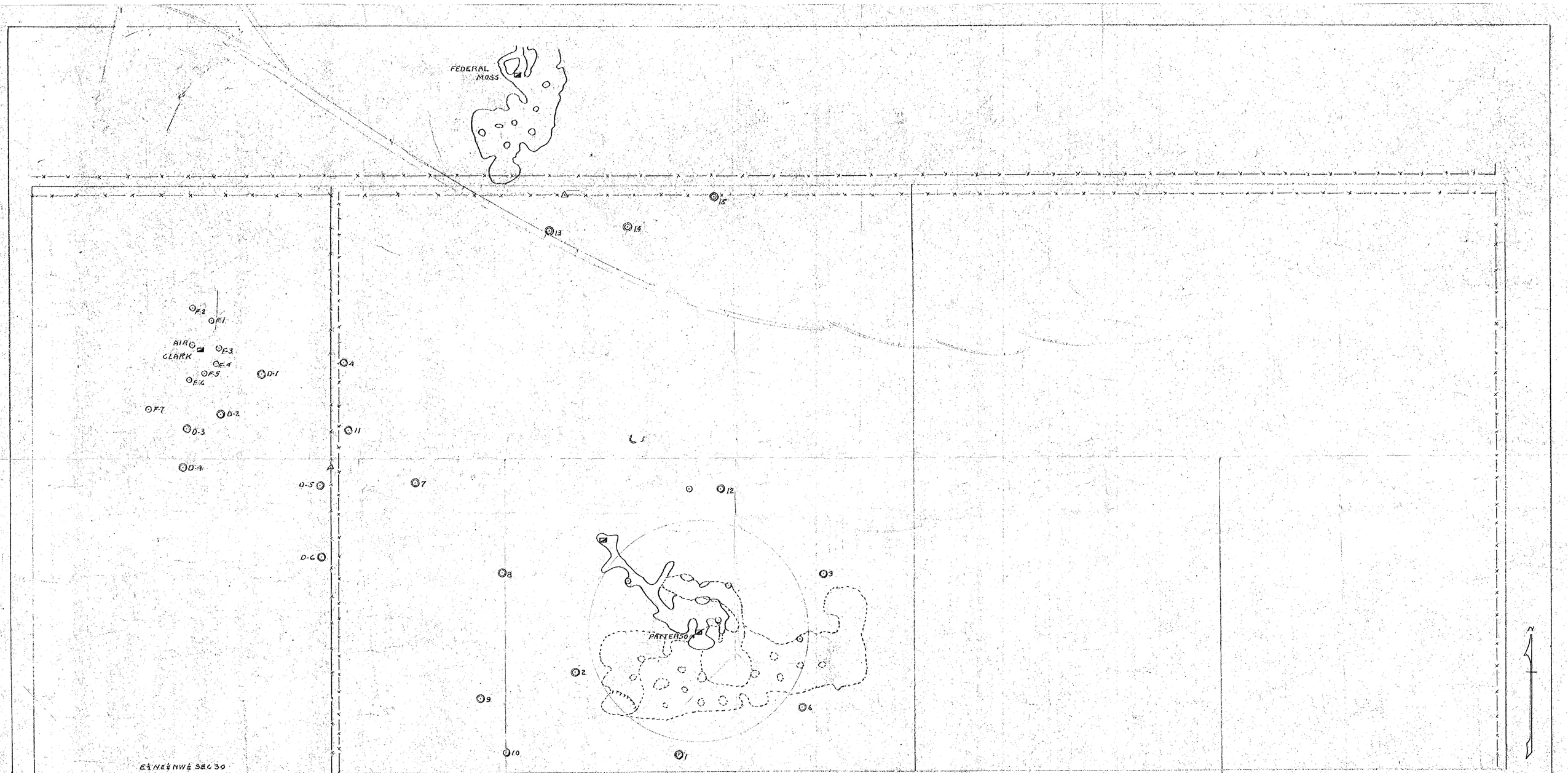
SCALE 0 100' 200'

DMEA DOCKET NO. 2485

CONTRACT Idm-E-235

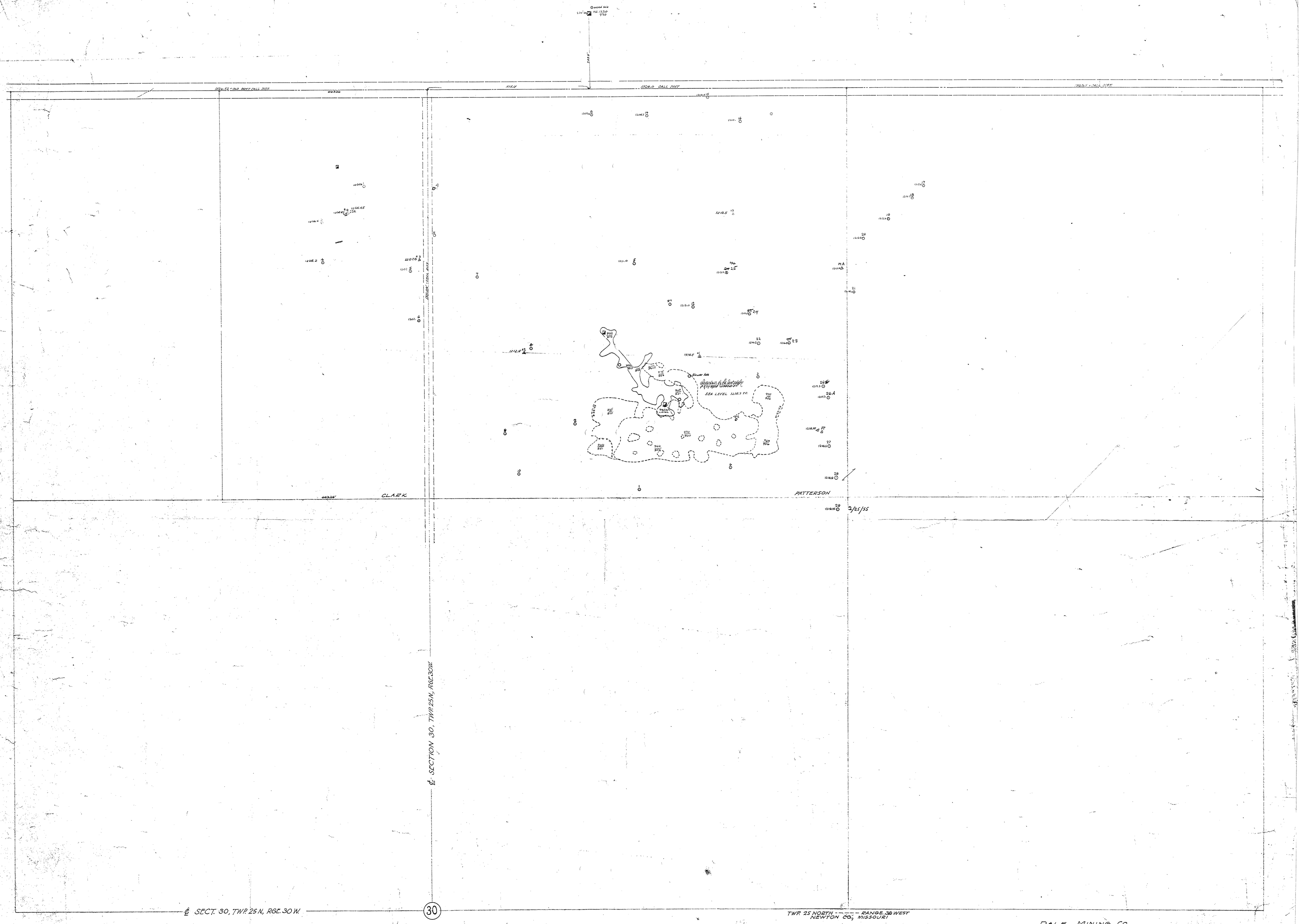
LEGEND:

- EARLIER DRILLING
- DMA DRILLING
- EXCLUDED AREA
- ORE RESERVE AREAS



DALE MINING COMPANY
N½ NE¼ SEC 30 T.25N. R30W
NEWTON COUNTY, MO.
SCALE 0 100' 200'
DMEA DOCKET NO. 2483
Um E-235

LEGEND
EARLIER DRILLING
DMEA DRILLING
EXCLUDED AREA



DALE MINING CO.
THE CLARK & PATTERSON LEASES
SCALE: 1" = 100' APRIL - 1954

William M. Stewart Eng. Co
JOPLIN, MO.

EXTENDED FEB. 25, 1955