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-E340, Docket DMEA-1923 (lead-zinc), dated June 6, 1952, with

United Mining Development Co., Inc.
144 West 2nd South
Salt Lake City, Utah

for the purpose of determining the amount of royalty due the U. S. Government on sales of minerals from property referred to as the Ida Mine located in Tooele County, Utah, during the period April 16, 1959, through October 27, 1961.

A certification of discovery or development was issued on December 4, 1953, and, in accordance with Article 6 of the contract, royalty is payable on all minerals mined or produced from the land described in Article 2 of the contract for a period of 10 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 November 16, 1953, indicated accepted costs under the exploration contract amounting to $16,134.30 with the Government's contribution, on a 50 percent basis, being $8,067.15.

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

This review established no sales of production subsequent to the period covered by the prior Report of Royalty Review, which found the sales subject to Government royalty through April 15, 1959, to be $3,037.08. The royalty account as of April 15, 1959, was:

Total Royalty Due	$148.66
Total Royalty Paid	94.27
Balance of Royalty Due	$ 54.39

At October 27, 1961, the royalty account of this project was found to be:

Total Royalty Due	$148.66
Total Royalty Paid	121.47
Balance of Royalty Due	$ 27.19

E. D. Talbert

E. D. Talbert, OME Auditor

November 1, 1961

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

The Operator's only production from the property under the contract consisted of three lots of ore aggregating 98.805 SDT during the exploration work and shortly thereafter. Ronald Swift, Duane Smith, Bert Imeson, and Wetzel Imason, sub-lessees, produced two lots amounting to 92.199 SDT during the first half of 1954. The Operators abandoned the property during 1954 and, except for annual assessment work on behalf of the owners, Harold T. Morgan and W. F. Morgan, no work was performed until 1957. During that year William C. Overson and Carl B. Anderson, leased the property and produced a small lot of 3.191 SDT. The property has been inactive since 1957 and all known production is covered by the prior Report of Royalty Review.

Attempts to collect the $54.39 balance of royalty due, as disclosed by the prior Report of Royalty Review, resulted in advice from C. H. Evans, the Operator's former secretary-treasurer, that the corporation was defunct and its assets had been liquidated in the payment of outstanding obligations. Accordingly, efforts were made to collect from the landowners, Harold T. Morgan and W. F. Morgan, under the June 6, 1952, Landlord's Subordination Agreements, which provide for assumption by the owners of the lessees royalty obligations in event of termination or surrender of the lease.

As all administrative means available resulted in the remittance of only $27.20 by Harold T. Morgan, the balance due of $27.19 was determined to be administratively uncollectible. Accordingly, in conformance with the provisions of 4 GAO 5000, the matter was reported to the Claims Division of the U. S. General Accounting Office by letter dated February 6, 1961.

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

(1) All production from the property since the date of the contract has been reported and proper royalty, except as stated above, has been paid;

(2) The property has been inactive since 1957; 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 royalty which might be disclosed.

DME Form 22
Dec. 60

DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name and Address

United Mining Development Company

Ida Mine

Tooele County, Utah

Contract No.	Docket No.
Ida E340	DMEA
Prepared by (Signature)	Date

Yes No Hugh M. Connors

1. (a) Does the Operator stockpile ore subject to royalty repayment?

   (b) If so, is segregation and identification procedure adequate?

2. (a) Does the Operator commingle production subject to DMEA or OME royalties with exempt production?

   (b) If so, is the allocation of the commingled production equitable?

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?

   (b) If so, are adequate records maintained on such material to protect the Government's interest?

4. Are the assay controls in effect adequate?

5. Does the manner of disposing of production give the Government its fair royalty returns?

6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA or OME royalties?

7. Does the Operator buy from or sell to other Operators?

8. Current status of property. (Check one).

   [ ] Operating.
   [ ] Inactive.
   [x] Abandoned.

6-27-57 Date of last production if not operating.

Comment on items 1(b), 2(b), 3(b), and 4 to 6, if answer is No:

W. F. Morgan, one of the owners [illegible]
no assessment work has been done [illegible]

84861-60

EXTRA COPY O. M. E. RECEIVED NOV 13 1961		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

November 7, 1961

Memorandum

To: Fiscal Section, Division of Administrative Services
Office of the Secretary, Department of the Interior
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-1923 (Lead-Zinc)
Contract Idm E340
United Mining Development Co., Inc.
(Ida Mine)
Tooele County, Utah

Enclosed is the original of the Report of Royalty Review on the subject property dated November 1, 1961 covering the period April 16, 1959, through October 27, 1961.

Signed Hugh M. Commors

Hugh M. Commors

Attachment
HMC/lm
cc Chief, Division of Field Operations, OME
E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Royalty Corres. E981
Chron

NOV 2 1961

Memorandum

To: Acting Field Officer, Region III

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

Subject: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-E340

The original and one copy of a Report of Royalty Review covering the subject contract is attached. 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, Department of the Interior, Washington 25, D. C.; and

(b) One copy for your files.

This Report of Royalty Review is made for record purposes only; therefore, no copy for the Operator is provided.

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

Attachments

EDTalbert/ama
November 1, 1961

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

OCT 25 1961

Memorandum

To: Acting Field Officer, Region III

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

Subject: DMEA-1925 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-E340

This Division is preparing a Report of Royalty Review on the subject contract. Accordingly, your submission of an original and one copy of MME Form 22, Check Sheet of Examining Engineer, will be appreciated.

It appears that this project has been inactive since 1957. If this is so, please make an appropriate statement under item 8 of MME Form 22.

EDTalbert/ama
October 25, 1961

Copy to: Docket
Director's Reading File
CA & A Division

CA & A Division

FEB 6 1961

Claims Division
General Accounting Office
Washington 25, D. C.

Re: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-8340

Gentlemen:

In accordance with the provisions of 4 GAO 5000 and the Comptroller General's decision B-136448 of July 31, 1958, there is referred to you the matter of delinquent royalty in the amount of $27.19 on minerals production applicable to Defense Minerals Exploration Administration contract Idm-8340 with the United Mining Development Co., Inc. This indebtedness has been determined to be administratively uncollectible. The facts pertinent to the determination of the debt and the collection efforts of this office, as successor to the DMEA, follow.

On June 6, 1952, the United Mining Development Co., Inc., 565 South 22nd West, Salt Lake City, Utah, entered into Exploration Project Contract Idm-8340 with the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration. In general, the contract provided that: (a) the United Mining Development Co., Inc. (hereinafter referred to as the Operator) should conduct explorations for lead and zinc as outlined in the contract; (b) the Government would pay the Operator 50 percent of the agreed costs for units of work acceptably performed; and (c) if the Government certified that a discovery or development resulted from the work, the Operator or its successor in interest should pay to the Government a percentage royalty on the gross revenues from sales of any mineral production from the land described in the contract for a period of ten years from the date of the contract, or until the amount contributed by the Government is repaid, whichever occurs first.

As the Operator was a lessee of the land under the contract, Landlord's Subordination Agreements were prerequisites to the execution of the exploration project contract. Such subordination agreements, as executed on June 6, 1952, by Harold T. Morgan, 807 39th Avenue,

San Francisco, California, and W. F. Morgan, Naphi, Utah, subordinated all their rights, title, and interests under the lease with the Operator to the right, title, and interest of the United States under the exploration project contract. The subordination agreements further provided that, if the lease should be surrendered or terminated prior to the expiration of the rights of the Government under the exploration contract, the lessors should and did assume all the obligations of the lessee to make royalty repayments to the Government.

After completion of the work under the contract, to which the Government contributed a total of $8,067.15, a Certification of Discovery or Development under an Exploration Contract was issued on December 4, 1953. During the period from February 4, 1953, to April 7, 1954, the Operator sold lead-zinc ores produced from the land under the contract and paid the Government a total of $91.70 in royalty

In 1959 an administrative audit of the Operator's account disclosed that the proper amount of royalty payable on these sales was $146.09, leaving a balance of $54.39 due the Government. By letter dated November 10, 1959, addressed to the Operator at its last known address, 144 West 2nd South, Salt Lake City, Utah, the Executive Officer, OME Field Team, Region III, Denver, Colorado, requested payment of the balance due. Neither a remittance nor a reply was received.

A follow-up demand for payment sent by certified mail on December 10, 1959, was returned with a notation thereon signed by C. H. Evans, formerly the Operator's secretary-treasurer. This notation stated that the United Mining Development Co., Inc., was defunct, the assets had been liquidated in paying outstanding obligations, and the property had been abandoned.

Thereafter, on February 24, 1960, the Executive Officer, OME Field Team, Region III, and on August 9, 1960, his successor, the Acting Field Officer, OME, Region III, sent letters by certified mail to W. F. Morgan demanding payment of the balance due. Neither reply nor remittance resulted. Then, on August 18, 1960, a representative of the Acting Field Officer called on Mr. Morgan, who stated that he did not feel obligated to pay the debt of his former lessee.

Under dates of August 31, 1960, and October 24, 1960, this office sent letters by certified mail to both W. F. Morgan and Harold T. Morgan demanding payment of the $54.39 due the Government. The only reply received was a letter dated November 3, 1960, from

Harold T. Morgan requesting details of the indebtedness. This was furnished by letter dated November 9, 1960, a copy of which is enclosed. No reply was received to this letter, but a further follow-up on December 8, 1960, resulted in remittance of $27.20 by Harold T. Morgan.

On January 6, 1961, letters were addressed to both Harold T. Morgan and W. F. Morgan demanding payment of the $27.19 balance due the Government. Copies of these letters, to which no replies have been received, are enclosed.

The use of all means administratively available to this office to effect collection of this indebtedness for delinquent royalty have been unsuccessful. Accordingly, the matter is reported to you for such action as may be deemed appropriate.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Enclosures

EDTalbert/ama
February 2, 1961

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

JAN 6 1961

Mr. Harold T. Morgan
807 - 39th Avenue
San Francisco, California

Re: DMRA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-E340

Dear Mr. Morgan:

Receipt is acknowledged of Cay Morgan's check for $27.20 in payment of half of the $54.39 delinquent royalty due the Government under the referenced contract.

This remittance is appreciated; however, acceptance thereof by the Government does not release you from the obligation for payment of the balance due. Under the Landlord's Subordination Agreement executed on June 6, 1952, you assumed all of the obligations of the lessee to make repayment to the United States of America.

Accordingly, unless payment of the $27.19 balance due is received from either you or W. F. Morgan within the next ten days, the indebtedness will be reported to the Comptroller General of the United States.

Sincerely yours,

George C. Selfridge

Acting Director

EDTalbert/ama
January 5, 1961

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

JAN 6 1961

Mr. W. F. Morgan
Nephi, Utah

Re: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-E340

Dear Mr. Morgan:

By letters dated August 31 and October 24, addressed to you, and letters dated November 9 and December 8, addressed to Harold T. Morgan with copies to you, demand was made for payment of delinquent royalty in the amount of $54.39 due the Government.

A check for $27.20, in payment of half of the amount due, has been received from Harold T. Morgan. Your remittance within the next ten days of the $27.19 balance will alleviate the need for referring this indebtedness to the Comptroller General of the United States.

Sincerely yours,

George C. Selfridge

Acting Director

EDTalbert/ama
January 5, 1961

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

JAN 5 1961

Memorandum

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

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

Subject: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Ida-8340

Attached for deposit to the subject DMEA account under symbol 14X4401 as a royalty receipt is Gay Morgan's check no. 251, dated December 28, 1960, in the amount of $27.20, drawn on the Bank of America, 33th and Balboa Branch, San Francisco, California.

This check is a partial payment by Harold T. Morgan of delinquent royalty due the Government by Harold T. Morgan and W. F. Morgan.

Attachment

EDTalbert/ama
January 5, 1961

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

E-340

For royalty payment of $27.20, dated December 28, 1960, see transmittal letter file.

San Francisco, California
December [illegible]

United States Dept. of Interior
Office of Mineral Exploration
Washington 25, D.C.

SMCA-1973
United Mining Dev. Co
E-340

ATTENTION: FRANK JOHNSON: ACTING DIRECTOR:

Dear Sirs:

Enclosed please find check in the amount of $27.20, half of $54.39, as per your letter dated December 8,1960.

I am not in touch with W.F. Morgan, so, do not know his decision pertaining to this matter.

Respectively Yours,

H. T. Morgan

H. T. Morgan
807 39th Avenue
San Francisco, California.

HTM:BG:
ENCL:

OFFICIAL FILE COPY
O. M. E
RECEIVED 1961 8 JAN

DATE	INITIALS	CC

DEC 8 1960

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Harold T. Morgan
807 - 39th Avenue
San Francisco, California

Re: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Ldm-8340

Dear Mr. Morgan:

By letter dated October 24 I advised you that, unless payment of $54.39 due the Government under the referenced contract was received within 30 days, I would have no alternative but to report the matter to the Comptroller General of the United States.

In view of your November 3 request for details of the transactions involved, to which I replied on November 9, it was anticipated that payment would be forthcoming and, therefore, referral to the Comptroller General of the United States has been held in abeyance. However, this office does not have the authority to indefinitely defer such action as may be necessary for the collection of amounts due the Government.

Your remittance by return mail of the $54.39 due will be appreciated. Otherwise, the matter will be referred to the Comptroller General of the United States and subsequent action may result in further costs and inconvenience to you.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Copy to: Mr. W. F. Morgan

EDTalbert/ama
December 8, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

CA & A Division

NOV 9 1960

Mr. Harold T. Morgan
807 - 39th Avenue
San Francisco, California

Re: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Ida-E340

Dear Mr. Morgan:

The Government's claim for $54.39 referred to in your letter dated November 3, 1960, relates to five sales of ore produced from Ida Mine and sold during 1953 and 1954 on which insufficient royalty was paid under provisions of the exploration contract. Efforts to collect this amount from United Mining Development Co., Inc., who conducted the exploration operations, have proven unsuccessful and we have been informed that company is defunct and its assets have been liquidated to help pay off outstanding obligations and the property has been abandoned by them.

The Office of Minerals Exploration, as successor to the Defense Minerals Exploration Administration, is responsible for the proper administration of exploration contracts entered into by the latter, including the collection of any royalty due the Government. Accordingly, demand for payment has been made upon you and your brother, W. F. Morgan, who each, on June 6, 1952, executed Landlord's Subordination Agreement which subordinated all of their right, title, and interest under the provisions of lease dated September 17, 1948, and agreement of sale dated June 30, 1951, with United Mining Development Co., Inc., to the right, title, and interest of the United States under the referenced Exploration Project Contract. The Landlord's Subordination Agreement further provided as follows:

> "The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make

repayment to the United States of America according to the terms of said contract".

The underpayment of royalty resulted from improper deductions being made from the base on which the royalty paid was computed. The deductions in question were for transporting the ore and were paid by the mills to United Mining Development Co., Inc., who were the vendors of the ore. Under provisions of the exploration contract, the Government is entitled to its percentage royalty upon the gross revenue from the sales.

Attached hereto is a statement listing the five sales of ore in question, together with the computation of royalty paid and amount of royalty properly due on those sales.

I trust that with this explanation you will see fit to forward the amount of $54.39 promptly and that it will not be necessary to institute further action to protect the Government's interest.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

cc: Mr. W. F. Morgan

CEFisher/ama
November 9, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

Computation of Royalty Paid, Due, and Balance Due in Connection with Sales of Crude Ore by United Mining Development Co., Inc., While Operating Ida Mine

Settlement No.	Settlement Date	Ore SDT	Value - Less Treatment Per SDT	Value - Less Treatment Total	Deductions Allowable	Deductions Not Allowable	Net Value Total	Net Value Per SDT	Royalty Rate	Royalty Amount	
					Computation of royalty paid						
	United States Smelting, Refining, and Mining Company										
1	March 2, 1953	39.253	$14.93	$ 586.03	$52.93	$118.93	$ 414.17	$10.55	5%	$20.71	
	Combined Metals Reduction Company										
45	February 4, 1953	47.193	25.842	1,125.18	97.32	148.88	878.98	18.63	5%	43.95	
415	October 6, 1953	12.359	30.690	379.30	8.00	91.28	280.02	22.66	5%	14.00	
15	January 27, 1954	57.790	12.522	723.65	83.45	177.87	462.33	8.00	1½%	6.93	
61	April 7, 1954	34.409	13.916	478.84	65.61	107.35	305.68	8.88	2%	6.11	$ 91.70
					Computation of royalty due						
1		39.253		$ 586.03	$52.93		$ 533.12	$13.58	5%	$26.66	
45		47.193		1,125.18	97.32		1,027.86	21.78	5%	51.39	
415		12.359		379.30	8.00		371.30	30.04	5%	18.57	
15		57.790		723.63	83.45		640.20	11.08	4½%	28.81	
61		34.409		478.84	65.61		413.23	12.00	5%	20.66	$146.09
							Balance of royalty due				$ 54.39

San [illegible], California.
Nov. 3, 1960.

CEF

United States
Department of the Interior
Office of Minerals Exploration
Washington 25, D.C.

ATTENTION: Frank D. Johnson (Acting Director)

Dear Sirs:

In answer to your letter of October 4, 1960, I am at a loss to understand this $54.39 Royalty from Mineral shipped from [illegible] Mining Claims.

I am no longer interested in the Ida Mining Claims, having disposed of my interest.

I would appreciate any information you can give me regarding the amount of ore shipped and the smelter returns, also the date of shipment.

Sincerely Yours

W.T. Morgan

WTM:
eg:

E 340

DME A - 1923
United Mining Development

OCT 24 1960

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Harold T. Morgan
807 - 39th Avenue
San Francisco, California

Re: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Ida-K340

Dear Mr. Morgan:

Reply has not been received to my letter to you dated August 31, 1960 (copy attached for your ready reference) wherein request was made for the prompt payment of $34.39 due as royalty on production of minerals from land on which exploration was conducted with Government assistance under provisions of the referenced contract.

If payment of this amount is not received within 30 days from the date of this letter, I will have no alternative but to report this delinquency to the Comptroller General of the United States for such action as he may deem to be in the interest of the Government.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Attachments

Copy to: Mr. W. F. Morgan

CEFisher/ama
October 24, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. W. F. Morgan
Naphi, Utah

Re: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Ida-8340

Dear Mr. Morgan:

Reply has not been received to my letter to you dated August 31, 1960 (copy attached for your ready reference) wherein request was made for the prompt payment of $54.39 due as royalty on production of minerals from land on which exploration was conducted with Government assistance under provisions of the referenced contract.

If payment of this amount is not received within 30 days from the date of this letter, I will have no alternative but to report this delinquency to the Comptroller General of the United States for such action as he may deem to be in the interest of the Government.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Copy to: Mr. Harold T. Morgan

CEFisher/ama
October 24, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)

Attachments

CERTIFIED MAIL

AUG 31 1960

Mr. W. F. Morgan
Nephi, Utah

Re: DMSA-1925 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract LMa-8340

Dear Mr. Morgan:

The matter of additional royalty amounting to $54.39 due to the Government in connection with production of minerals from the land on which exploration was performed with Government assistance under provisions of the subject contract has been referred to this office for appropriate action.

Our Region III office, Denver, Colorado, requested payment of this amount in letters to you dated February 24, 1960, and August 9, 1960, and in a letter dated January 4, 1960, to your brother, Harold T. Morgan, who as co-owner of the land also signed a Landlord's Subordination Agreement. In addition, the matter was discussed with you by Mr. Romsle on August 10, 1960, at Nephi, Utah.

This office is charged with the responsibility of administering Defense Minerals Exploration Administration contracts, including the collection of proper royalty due on production from the land subject to such contracts. Accordingly, demand is made for the prompt payment of the amount of $54.39.

Your early attention to this matter will be appreciated.

Sincerely yours,

signed) FRANK E. JOHNSON

Acting Director

Copy to: Mr. Harold T. Morgan

CEFisher/ams
August 29, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)
Mr. Selfridge

AUG 31 1960

CERTIFIED MAIL

Mr. Harold T. Morgan
807 - 39th Avenue
San Francisco, California

Re: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-5340

Dear Mr. Morgan:

The matter of additional royalty amounting to $54.39 due to the Government in connection with production of minerals from the land on which exploration was performed with Government assistance under provisions of the subject contract has been referred to this office for appropriate action.

Our Region III office, Denver, Colorado, requested payment of this amount in a letter to you dated January 4, 1960, and in letters dated February 24, 1960, and August 9, 1960, to your brother, W. F. Morgan, who as co-owner of the land also signed a Landlord's Subordination Agreement. In addition, the matter was discussed with your brother by Mr. Remelo on August 10, 1960, at Naphi, Utah.

This office is charged with the responsibility of administering Defense Minerals Exploration Administration contracts, including the collection of proper royalty due on production from the land subject to such contracts. Accordingly, demand is made for the prompt payment of the amount of $54.39.

Your early attention to this matter will be appreciated.

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Copy to: Mr. W. F. Morgan

CEFisher/ama
August 29, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (2)
Mr. Selfridge

EXTRA COPY O. M. E RECEIVED AUG 22 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

August 18, 1960

Memorandum

To: George C. Dalfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: Docket No. [illegible] 1983 (Lead-Zinc)
Contract No. IBm E340
United Mining & Development., Inc.
(IBA Mine)
Tooele County, Utah

This has further reference to your memorandum of August 5, 1960 on the subject contract.

It now appears from the attached memorandum from T. M. Rusnle, that the $54.39 Royalty due will not be forthcoming through our efforts in this office and the matter is being referred to you for final action.

Original signed by

Hugh M. Connors

Attachment
HMC/lm
cc: Royalty Corres E340
Settlement Sheet File -E340
Chron

EXTRA COPY O. M. E RECEIVED AUG 22 1960		
DATE	INITIALS	CODE

Building 20 - Federal Center
Denver 25, Colorado

August 18, 1960

Memorandum

To: Hugh M. Connors, Acting Field Officer, OSM, Region III

From: T. M. Rosale

Subject: Docket No. [illegible] 1923 (Lead-Zinc)
Contract No. Ida - 2540
United Mining & Development., Inc.
(Ida Mine)
Tooele County, Utah

Reference is made to Mr. Galfridge's memorandum, dated August 5, 1960, relative to the collection of $54.39 royalty due from W. F. Morgan and/or Harold Morgan in accordance with terms of Landlord's Subordination Agreements.

The following information relative to the referenced matter was obtained during conversations with Mr. W. F. Morgan, at Mapmi, Utah, August 10, 1960 while I was in the area on other official business. Mr. Morgan said he had answered Mr. Townsend's letter, dated February 1960, stating that he (Mr. Morgan) did not feel obligated to pay a debt incurred by the lessee and which probably would have been paid by the lessee if the Government's notice of payment due had been made without undue delay. He went on to say that the opinion expressed in the letter to Townsend was still valid.

Mr. Morgan also furnished the following pertinent information during our conversation, which was carried out in an amicable manner.

The Ida Mine is still inactive.
His mailing address is:
Mr. W. F. Morgan
Mapmi, Utah
The mailing address of his brother, who, as co-owner, signed a Landlord's Subordination Agreement is:
Mr. Harold F. Morgan
[illegible]-39th Avenue
San Francisco, California

The letter which Mr. Morgan reportedly sent to Townsend is not in our files nor do we have any evidence that it was received at this office.

Original signed by

T. M. Romslo

TMR/lm
cc: Chief, Division of Field Operations (2)
Royalty Corres. E340
Chron

Lot No.	SDT	Proceeds Gross	Allow. Ded	Net	Per SDT	Royalty Rate	Due	Paid	Bal Due
U. S. Smelting									
1	39.253	$586.05	$52.93	$533.12 (Minimum $118.95)	$13.58	5%	$26.66	$20.71	$5.95
Combined Metals									
45	47.193	$1,125.18	$97.32	$1,027.86 (HC $148.88)	21.78	5%	$51.39	$43.95	$7.44
415	12.359	379.30	8.00	371.30 (91.28)	30.04	5%	18.57	14.00	4.57
15	57.790	723.65	83.45	640.20 (177.87)	11.08	4½%	28.81	6.93	21.88
61	34.409	478.84	65.61	413.23 (107.55)	12.00	5%	20.66	6.11	14.55
38	3.191	51.37	-	51.37 (644.53)	16.10	5%	2.57	2.57	---
							$122.00	$73.56	$48.44
							$148.66	$94.27	$54.39

Computation of royalty paid

	Net per above		Less Tailing	Net			
1	39.253	$533.12	$118.95	$414.17	$10.55	5%	$20.71
45	47.193	1,027.86	148.88	878.98	18.63	5%	43.95
415	12.359	371.30	91.28	280.02	22.66	5%	14.00
15	57.790	640.20	177.87	462.33	8.00	1½%	6.93
61	34.409	413.23	107.55	305.68	8.88	2%	6.11

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E.
RECEIVED AUG 12 1960

DATE	INITIALS	CODE
		800

August 9, 1960

CERTIFIED MAIL

Mr. W. F. Morgan
Santiquin
Utah

Re: Docket No. DMEA-1923 (Lead-Zinc)
Contract No. Ida-[illegible]
United Mining & Development Co., Inc.
(Ida mine)
Tooele County, Utah

Dear Mr. Morgan:

We have received no reply to our letter to you dated February 24, 1960, which was received by you February 25, 1960.

If we do not receive the $54.39 Royalty due the Government before September 9, 1960, we will have no recourse but to refer the matter to the Washington Office, OME for such action as they deem necessary to protect the best interests of the Government.

Yours very truly,

Original signed by

Hugh M. Cummers
Acting Field Officer
OME, Region III

HMC/lm
cc: Chief, Division of Field Operations (2)
Royalty Corres. E 340
Chron

AUG 5 1960

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Field Operations

Subject: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-5340

Reference is made to Mr. Townsend's letters dated January 4, 1960, to James Morgan and/or Harold Morgan and February 24, 1960, to W. F. Morgan demanding payment of $54.39 royalty due in accordance with terms of Landlord's Subordination Agreements. The reason for including James Morgan as addressee in the letter dated January 4, 1960, is not understood as the records of this office do not show him as a party to the subordination agreements.

Apparently, replies have not been received to these letters and the procedure set forth in the Special Notice in Operating Committee Minutes No. 398, July 30, 1954, is in order; that is, you should send follow-up letters and, if your further efforts at collection prove unsuccessful, refer the matter to this office.

Please proceed accordingly.

George C. Selfridge

CEFisher/ama
August 5, 1960

Copy to: Docket
Director's Reading File
CA & A Division
Review Committee

EXTRA COPY O. M. E. RECEIVED FEB 29 1960		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

February 24, 1960

CERTIFIED MAIL

Mr. W. F. Morgan
Santiquin
Utah

Re: Docket No. DMEA-1923 (Lead-Zinc)
Contract No. Idm-E340
United Mining & Development Co., Inc.
(Ida mine)
Tooele County, Utah

Dear Mr. Morgan:

Enclosed is a copy of Report of Royalty Review which shows $54.39 (royalty) is due the Government for ore sold from the Ida mine.

We are informed that you continue the assessment work, and are still the owner of the property. We are also advised the United Mining & Development Company, Inc. is defunct, which in accordance with the Landlord's Subordination Agreement signed by you the 6th day of June 1952, makes you liable for payment of royalty to the Government. The Landlord's Subordination Agreement provided as follows:

> "The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract."

Please forward, this office, your check for $54.39 made payable to the Office of Minerals Exploration.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

Enclosure

RMC:ms cc: Chan Op Comm (2)
Royalty corres E340
Chron

Building 20 - Federal Center
Denver 25, Colorado
January 4, 1960

MINE COURT
O. M. E
RECEIVED JAN 7 1960
CODE
800

CERTIFIED MAIL

Mr. James Morgan
and/or Harold Morgan
Tooele, Utah

Re: Docket No. DMEA 1923 (Lead-Zinc)
Contract No. Ida-E340
United Mining & Development Co., Inc.
(Ida Mine)
Tooele County, Utah

Dear Mr. Morgan:

Enclosed is a copy of a Report of Royalty Review which shows $54.39 royalty is due the Government for ore sold from the Ida Mine.

We are advised that United Mining Development Co., Inc. is defunct which in accordance with the Landlord's Subcontination Agreement signed by each of you the 6th day of June 1958 makes you liable for payment of royalty to the Government. The Landlord's Subcontination Agreement provided as follows:

> "The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract."

Please forward this office your check for $54.39 made payable to the Office of Minerals Exploration.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

EMC:ltm
Chmn. Op. Comm. (2)
cc: Roy. Corres. E340
Chron.

DEC 30 1959

Memorandum

To: Executive Officer, OME Field Team, Region III

From: Chairman, Operating Committee

Subject: Docket No. DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract No. Idm-E340

We agree with the opinion expressed in your memorandum dated December 16, 1959, that it is unfortunate the underpayment of royalty due to the Government was not detected and attempts made to secure adjustment at the time the payments were received. However, reasonable efforts to make the collection at this time are in order and you should request payment of the amount of $54.39 by the lessors of the property.

George C. Selfridge

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Harold Kirkemo
Member, Geological Survey

CEFisher/ama
December 28, 1959

Copy to: Docket
Director's Reading File
CA & A Division
Operating Committee
Mr. Bishop, USBM
Mr. Kirkemo, USGS

EXTRA COPY O. M. E RECEIVED DEC 14 1959		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado
December 10, 1959

CERTIFIED MAIL

Mr. C. E. Evans, Secretary-Treasurer
United Mining & Development Co., Inc.
144 West 2nd South
Salt Lake City, Utah

Re: Docket No. DMEA 1923 (Lead-Zinc)
Contract No. Ida-E340
United Mining & Development Co., Inc.
(Ida mine)
Tooele County, Utah

Dear Mr. Evans:

We have had no reply to our letter to you dated November 10, 1959, in which we requested your check for $54.39, the balance of royalty due the Government.

If we do not receive the amount of money due the Government on or before January 10, 1959, we will have no recourse but to refer the matter to the Washington Office, OME, for such action as they deem necessary.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

HMC:ltm

cc: Chmn. Op. Comm. (2)
Roy. Corres. E340
Chron.

EXTRA COPY O. M. E. RECEIVED NOV 13 1959		
DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado
November 10, 1959

Mr. C. H. Evans, Secretary-Treasurer
United Mining & Development Co., Inc.
144 West 2nd South
Salt Lake City, Utah

Re: Docket No. DMEA 1923 (Lead-Zinc)
United Mining & Development Co., Inc.
(Ida mine)
Tooele County, Utah
Contract No. I4m-E340

Dear Mr. Evans:

A Report of Royalty Review on the captioned project dated April 16, 1959, shows $54.39 to be the balance of royalty due the Government.

We are not sure that you received a copy of the Report of Royalty Review so we are enclosing a copy for your records.

Will you please forward this office your check for $54.39, the balance of royalty due the Government.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

RMC:ltm

cc: Chmn. Op. Comm. (2)
Roy. Corres. E340
Chron.

NOV 6 1959

Memorandum

To: Executive Officer, OME Field Team, Region III

From: Chairman, Operating Committee

Subject: Docket No. DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract No. Idm-K340

A Report of Royalty Review, issued by Donald T. Finch on April 16, 1959, indicates a balance of $54.39 due the Government, occasioned by the improper deduction of hauling charges in the computation of the percentage royalty.

The Washington files do not disclose that the Operator has either been furnished with a copy of the Report of Royalty Review or requested to pay the balance due. Therefore, advice as to the present status of your collection efforts would be appreciated.

George C. Selfridge

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Harold Kirkemo
Member, Geological Survey

EDTalbert/ama
November 5, 1959

Copy to: Docket
Director's Reading File
Operating Committee
CA & A Division
Mr. O. M. Bishop, USBM
Mr. Harold Kirkemo, USGS

REPORT OF
ROYALTY REVIEW

APR 20 1959
O.M.E.

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Executive Officer, OME Field Team, Region III, Denver, Colorado, pertaining to Contract No. Idm-E340, Docket No. EMEA 1923, (Lead-Zinc) dated June 6, 1952, and Amendments Nos. 1 and 2, with

United Mining Development Co., Inc.
565 South 22nd West
Salt Lake City, Utah

for the purpose of determining the amount of royalties due the United States Government on the sale of Lead-Zinc ores produced from the Ida mine, located in Tooele County, Utah, for the period June 6, 1952, through April 15, 1959.

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

My review established the net smelter value of sales of ore for this period to be $3,037.08. (See Schedule No. 1 attached.) Royalty due the United States Government at the contract rate of 4½ to 5% is $148.66. The royalty paid and the balance due are as follows:

Total Royalty Due	$148.66
Total Royalty Paid	94.27
Balance of Royalty Due (See Schedule No. 2)	$ 54.39

April 16, 1959

Donald T. Finch
Donald T. Finch
OME Auditor

UNITED MINING DEVELOPMENT CO., INC.

CONTRACT NO. Idm-E340 DOCKET NO. DMEA 1923

STATUS OF PROJECT, DESCRIPTION OF REVIEW AND REASONS THEREFOR

A Certificate of Discovery or Development was issued on December 4, 1953. A Report of Review in lieu of a Final Audit dated November 16, 1953, indicates accepted costs of $26,134.30, with Government participation on a 50 percent basis being $8,067.15. According to the terms of the contract royalty is payable on the minerals produced from the land described in Article 2 of the contract, for a maximum period of ten years from the date of the contract.

My review consisted of a tabulation and recomputation of all liquidation settlement sheets on file with the Executive Officer of the Field Team, during the period June 6, 1952, through April 15, 1959, reconciliation of royalty receipts with the records of OME Finance Office, Denver, Colorado, and a detailed review of all semi-annual examination reports from the examining engineers.

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

(1) Sales of ores were adequately supported by liquidation settlement sheets.

(2) The examining engineer is of the opinion that all sales of production have been properly accounted for.

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

Schedule No. 1

UNITED MINING AND DEVELOPMENT CO., INC.

CONTRACT NO. Idm-K340 DOCKET NO. DMRA 1923

SUMMARY OF PRODUCTION SUBJECT TO ROYALTY
FOR THE PERIOD JUNE 6, 1952, THROUGH APRIL 14, 1959

	Com.Metals Reduction Company	U.S.Smelt. Refining & Mining Co.	Total
Gross Weight: Pounds	318,420	79,300	397,720
Less: Moisture Content	8,536	794	9,330
Dry Weight: POunds	309,884	78,506	388,390
Dry Weight: Tons	154.942	39.253	194.195
Gross Value Net of Treatment Charge	$2,758.34	$586.05	$3,344.39
Less: Allowable Deductions*			
Freight	$ 212.02	$ 43.62	$ 255.64
Tax	6.36	1.31	7.67
Control Fees	32.00	8.00	40.00
Umpire Fees	4.00		4.00
Total Allowable Deductions	$ 254.38	$ 52.93	$ 307.31
Net Smelter Value Subject to Royalty	$2,503.96	$533.12	$3,037.08
Average Value Per Dry Ton	$ 16.16	$ 13.58	$ 15.64
Average Royalty Percentage	4.872	5	4.895
Total Royalty Due	$ 122.00	$ 26.66	$ 148.66
Total Royalty Paid	73.56	20.71	94.27
Balance of Royalty Due	$ 48.44	$ 5.95	$ 54.39

(See Schedule No. 2)

*Note: Hauling charges totalling $644.53 have been disallowed as allowable deductions in this report because the liquidation settlement sheets indicate that haulage checks were made payable to the United Mining and Development Co., Inc. and not to a public carrier.

Schedule No. 2

UNITED MINING AND DEVELOPMENT CO., INC.

CONTRACT NO. Idm-E340 DOCKET NO. IMEA 1923

SCHEDULE OF BALANCE OF ROYALTY DUE

Date	Purchaser	Liquidation Settlement Number	Balance Royalty Due	
1953				
2/4	Combined Metals Reduction Co.	45	$ 7.44	
10/6	Combined Metals Reduction Co.	415	4.57	
1954				
1/27	Combined Metals Reduction Co.	15	21.88	
4/7	Combined Metals Reduction Co.	61	14.55	
	Sub-Total			$48.44
1953				
3/2	U.S.Smelting, Refining & Min.Co.	1		5.95
	Total Balance of Royalty Due			$54.39

CHECK SHEET OF EXAMINING ENGINEER

Operator's Name United Mining Development Co., Inc.

Address 565 South 22nd West, Salt Lake City, Utah

Ida Mine, Tooele County, Utah

Exploration Contract No. Idm-E 340

Docket No. DMEA 1923

	Check One	
	Yes	No
1. (a) Does the Operator stockpile ore subject to royalty repayment?		✓
(b) If so, is segregation and identification procedure adequate?		
2. (a) Does Operator commingle production subject to DMEA royalties with exempt production?		✓
(b) If so, do you consider the allocation of the commingled production equitable?		
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?		✓
(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?	✓	
5. Do you consider that the manner of disposing of production gives the Government its fair royalty returns?	✓	
6. Do your periodic examinations of operations indicate the Operator is properly reporting his production of ores subject to DMEA royalties?	✓	
7. Does the Operator buy from or sell to other Operators?		✓

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

Date April 14, 1959

M. L. Howes
Mining Engineer

APR 21 1959

Memorandum

To: Mr. Donald T. Finch, OSE Auditor

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

Subject: Docket No. DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Contract No. Idm-X340

Your report of royalty review on the above cited project is acceptable and normal distribution is authorized.

AMAlley/ama
April 21, 1959

Copy to: Docket
Director's Reading File
CA & A Division

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

Denver, Colo.

DEPOSIT NO. 14-23-040-8

For credit of 9013 Treasury [redacted]ional Office, Denver, Colo. 7[redacted]/57
(Name, title, and disbursing o[redacted]er identification symbol of accountable officer) [redacted] (Date sent)

deposited with Federal reserve bank of Kansas City, Mo. Denver, Colo.
(Name and location of depositary)

$ 30.37

for accounts listed below. SCHEDULE NOS.

ACCOUNT SYMBOL	TITLE OF ACCOUNT TO BE CREDITED	AMOUNT
14X4401		30.37

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

Defense Minerals Exploration Administration
224 New Custom House
Denver 2, Colorado

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.

Marjorie C. Hambleton
(Authorized signature)

7/18/57
(Date of credit in Treasurer's account)

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

16—59686b-1 GPO

1957 JUL 18 PM 12

E-452 Uran Dev. 27.80
E-340 United Mining Dev. 2.57
30.37

E-452 Uran Dev. 27.80
E-#340 United Mining Div. 2.57

30.37

E-340

For Schedule of Collections No. DMA-C-123, dated April 14, 1954, giving royalty repayment of $6.11, see E-317.

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

FEB 17 1954

224 New Customhouse
Denver 2, Colorado

February 15, 1954

Memorandum

To: Secretary, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Correction

On February 8, 1954 copy of settlement sheet was forwarded to you crediting Combined Metals Reduction Company, Docket No. DMA 86, Contract No. E7, in the amount of $6.93.

This payment of royalty should be credited to United Mining Development Company, Docket No. 1923, Contract No. E340.

W. H. King

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

N. O.

SCHEDULE OF COLLECTIONS

Schedule No. DMA-54-C-98

Sheet No. 1

(14-23-040)

Department of the Interior
(Department or Establishment)

Defense Minerals Exploration Administration
(Bureau or Office)

Received by G. E. Evans, Regional Disbursing Officer (Name) (Title) at Denver, Colorado (Station)

Period February 1954 (Month or quarter ended)

D. O. Symbol No. 413

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)
2/16/54		Combined Metals Reduction Co., Check No. 54136 drawn on Walker Bank & Trust Co., Salt Lake City, Utah	Repayment under the Mineral Exploration Program, Contract No. Idm-5340, United Mining Development Company	6.93	14X4401 Revolving Fund Defense Production Act, Interior
"		Treasurer of the United States, Check No. 16,436,947 drawn on Federal Reserve Bank of Kansas City, Kansas City, Missouri	Repayment under the Mineral Exploration Program, Contract No. Idm-1278, Smith and Tugg	726.40	" "
"		Beryl Ores Company, Arvada, Colorado, Check No. 1797 drawn on First National Bank, Loveland, Colorado	Repayment under the Mineral Exploration Program, Contract No. Idm-5388, Joseph C. Wild & William Frandson	13.59	" "
"		International Smelting & Refining Company—Tooele Plant, Check No. 56759 drawn on Continental National Bank and Trust Company, Salt Lake City, Utah	Repayment under the Mineral Exploration Program, Contract No. Idm-27, Combined Metals Reduction Company	235.57	" "
			Total,	982.49	

Received ....., subject to collection.

Forwarded February 16, 1954

(Disbursing clerk or accountable officer)

By .....

By ..... (Name)

Title Authorized Certifying Officer

Certificate of Deposit No. ..... dated .....

U. S. GOVERNMENT PRINTING OFFICE 10—1790

For Schedule of Collections No. DMA-C-48, dated October 29, 1953, giving royalty repayment of $14.00, see E-4.

For Schedule of Collections No. ~~DB~~MA-53-C-46, dated March 10, 1953, giving royalty repayment of $20.71, see E-61.

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

N. O.

SCHEDULE OF COLLECTIONS

(14-23-040)

DMA-C-42

Schedule No. 1

Sheet No.

Department of Interior (Department or Establishment)

Defense Minerals Exploration Administration (Bureau or Office)

Received by C. E. Evans, Regional Disbursing Offider (Name) (Title) at Denver, Colorado (Station)

Period February 1953 (Month or quarter ended)

D. O. Symbol No. 413

Date Received	Check ~~Receipt~~ Number	Name of Remitter	Detail Description of Purpose for Which Collections Were Received	Amount	Fund to be Credited (Symbol and title in full)
2/9/53	D-176	Combined Metals Reduction Co.	Repayment under the Mineral Exploration Program, Contract I-DMA-E-340, United ~~Combined Metals Reduction Co.~~ Mining Development Co., Inc.	43.95	14X4401 Revolving Fund Defense Production Act, Interior
2/9/53	4090	Vanadium Corporation of America	Repayment under the Mineral Exploration Program, Contract I-DMA-E-54, Cold Spring Tungsten, Inc.	189.40	"
			Total,	233.35	

Received ....., subject to collection. Forwarded February 10, 1953

(Disbursing clerk or accountable officer)

By ~~Naomi E. Stokes~~ (Name)

By .....

Title Authorized Certifying Officer

Certificate of Deposit No. ..... dated .....

U. S. GOVERNMENT PRINTING OFFICE 10—1790

REPORT
OF REVIEW

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

I have reviewed the Monthly Reports of:

United Mining Development Company, Inc.
144 West Second South
Salt Lake City, Utah

pertaining to Exploration Project Contract No. Idm-E340, Docket No. DMEA 1923, and including Amendments Nos. 1 to 2, covering a project for exploration of lead and zinc, located in Tooele County, Utah, commonly known as the Ida Mine, for the months of July 1952 to May 1953.

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

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

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

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

Total cost as billed by Contractor		$16,134.30
Exceptions:		
By DMEA Finance Officer	None	
Herewith	None	None
Total Accepted Cost		$16,134.30

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 Eight Thousand Sixty-Seven and 15/100 Dollars

-$8,067.15-

is considered valid and proper.

Dated: November 16, 1953

T. H. Brading, Auditor

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

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

U. S. Bureau of Mines
JUL 15 1953
Salt Lake City, Utah

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

Month of May 1 to June 6, 1953 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. St. Salt Lake City, Utah
Contract Amount, $16,548.00 Government Participation: 50 % Amount, $8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	248.22	15,886.08	16,134.30			
(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	248.22	15,886.08	16,134.30	248.22	15,~~886~~ 88.08	16,134.30

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

Date July 14, 1953 *Payee United Mining Dev. Co. Inc.

Per C. H. Evans Title Sec. Treas.

*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:

$124.11

Signature [illegible] (Authorized Certifying Officer)

Date 12/16/53 Vou. DMA 54-63

(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. IdM-E340 in accordance with the terms of the contract.

Signature M. H. Howes SCW Title Mining Engineer Date Sept. 2, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date DEC 17 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1 to June 6, 1953 Docket No. DMEA 1923 Contract No. Idm-E340

Operator's Name United Mining Development Co. Inc. Minerals Lead- Zinc

Address 142 West 2nd. So. St. Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	248.22	9	16134.30	585	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		248.22	9	16134.30				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		248.22		16134.30				16548.00

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

Date July 14, 1953 Operator United Mining Dev. Co. Inc.

Per C. H. Evans Title Sec.-Treas.

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

January 5, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-1925 (Lead-Zinc), Contract No. Idm-E340, United Mining Development Company, Tooele County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data pertaining to work under the subject contract for the month of May 1953.

Also enclosed are two copies of a memorandum to Mr. T. A. Christensen, dated December 17, 1953, relative to final payment under the terms of the subject contract.

Final payment to the Operator in the amount of $124.11 has now been made in conformance with the Report of Review by the Contract Administration and Audit Division, dated November 16, 1953.

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

December 17, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No, DMEA-1925 (Lead-Zinc), Contract No. Idm-E340, United Mining Development Company, Tooele County, Utah. MF-104 forms for May 1953 - FINAL PAYMENT

Enclosed are the original and four copies of Form MF-104 and MF-104A, Narrative Report and Engineer's Report for the above period, which constitutes the Operator's final accounting report under the terms of the contract.

Work has been accomplished as authorized in the contract and the Operator has complied with all requirements.

Final payment is recommended as follows, which is in conformance with the Report of Review by the Contract Administration and Audit Division, dated November 16, 1953, which was released to this office December 16, 1953.

Basis for Final Payment

Total accepted costs	$16,134.30
Government participation at 50%	8,067.15
Total prior payments	7,943.04
Balance due the Operator	$ 124.11

Reconciliation with attached
MF-104 Report for May 1953

Gross amount of Operator's claim	$ 248.22
Government participation at 50%	124.11

Date of Operator's Report	July 14, 1953
Date report received in Field Office	July 15, 1953
Date report received in Regional Office	September 8, 1953

W H King
W. H. King

Enclosures

JWT:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

September 4, 1953

Memorandum

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

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: Docket No. DMEA-1925 (Lead-zinc), Contract Idm-K340, United Mining Development Co., Tooele County, Utah. MF-104 forms for May 1953

Transmitted herewith are the original and four copies of MF-104 forms listing expenditures under the subject contract during May 1953. Inspection of the project was made June 2, 1953. The inspecting engineer's progress report is attached.

Progress during the reporting period consisted of 9 feet of advance in the zone of the Blaine fissure, making a total of 585 feet under the contract. No mineralization of consequence is present at this point. The operator believed it to be advisable to terminate the contract work at 585 feet.

Two small bodies of ore were encountered during the progress of the work. Two lots of ore were shipped.

It is recommended that the project work be considered completed without the necessity of preparation of a formal mutual termination agreement.

Recommendation is made that the operator be reimbursed in the amount of $124.11 for work accomplished during the reporting period, subject to audit of the accounts and acceptance of a final report from the operator.

The MF-104 forms were received from the operator July 15, 1953. Delay in transmitting the information resulted from the work load of the inspecting engineer and engagement in other DMEA work believed to be more urgently in need of completion.

A certification of discovery will be recommended for the project.

Stephen R Wilson
Stephen R. Wilson

Enclosure

S. R. Wilson September 3, 1953

M. N. Howes

Docket No. BMA-1923 (Lead-Zinc), Contract Ida-2340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for May 1953

The Ida mine was inspected on June 2, 1953. It is verified that progress for May in the amount of 9 feet, as reported on form MF-1041, is correct, and that the work was performed in accordance with the contract.

Except for slight pyrite mineralization, the last 9 feet of advance along the westerly structure in the Elaine fissure zone was barren. Because of this poor showing, so near the end of the project, the company decided to terminate the contract 15 feet short of the allowable 600 feet.

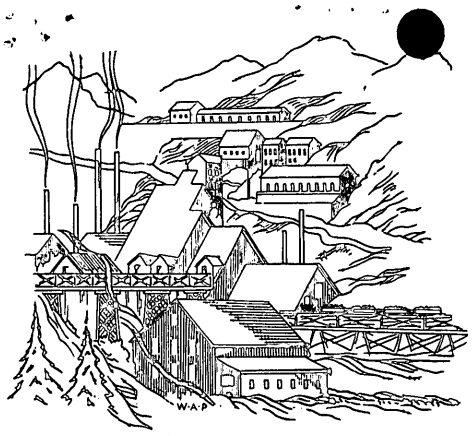
Small pods of ore were encountered twice during the course of the exploratory project, and from these bodies, two lots of one railroad car each, were produced. Although most of the exposed ore was mined in the operation, it is believed that the possibilities for developing more ore in commercial quantities are great enough to justify the declaration of an ore discovery.

The operator's narrative report is considered to be adequate.

Recommendation is made that termination of the contract by the company be approved by the Government. It is further recommended that payment of $124.11, which is 50 percent of the claimed $248.22 for 9 feet of advance at $27.58 per foot, be withheld until the project accounts are audited and the final report is received.

M. N. Howes

M. N. Howes



[illegible]
[illegible]
[illegible]
[illegible] 1953

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH
PHONE 9-1221

July 11, 1953

Narrative on operations to termination of contract:

After drifting for an additional nine feet along the fissure, which was barren at this point, we decided to go no further in this direction for the time being inasmuch as our contract with DMEA was due to expire. We are terminating with fifteen feet short of the allotted footage.

We intend to continue to do a limited amount of prospecting in the last mineralized zone that we passed thru and hope that in the future we may be able to sink a shaft in this zone for a few hundred feet. Indications are that the ore-bodies, if any, are at greater depth.

We wish to express our deep appreciation for all the help and cooperation that we have received from the government and all of the personnel that we have come in contact with.

O. H. Evans

O. H. Evans, Gen.-Mgr.

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 April, 1953 195____ Docket No. DMEA 1923 Contract No. Idm-R340

Operator's Name United Mining Dev. Co. Inc. Minerals Lead-Zinc

Address 142 West 2nd. So. Salt Lake City, Utah

Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1765.12	14,120.96	15,886.08			
(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	1765.12	14120.96	15,886.08	1765.12	14120.96	15886.08

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

Date May 14, 1953 *Payee United Mining. Dev. Co., Inc.

Per O. H. Evans Title Sec. Treas.

*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:

$ 882.56

Signature [illegible] (Authorized Certifying Officer)

Date 6-5-53 Vou. No. 53-144

(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-E340 in accordance with the terms of the contract.

Signature M. H. Howe Title Mining Engineer Date May 26, 1953

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1953 Docket No. DMEA 1923 Contract No. Idm-E310
Operator's Name United Mining Development Co., Inc. Minerals
Address 142 West 2nd. So. St., Salt Lake City, Utah

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	Ft.	1765.12	64	15886.08	576	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1765.12	64	15886.08				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1765.12		15886.08				16548.00

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

Date May 14, 1953 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.
O. H. Evans

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

June 4, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Ida Mine, Tooele County, Utah. Operator's Monthly Progress Report for the period April 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	May 14, 1953.
Date Received in Field Office	May 26, 1953.
Date Received in Region Office	June 1, 1953.
Date Processed for Payment	June 3, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

May 29, 1953

Memorandum

To: W. H. King, Chief, Mining Division, Region IV

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. MF-104 forms for April 1953

The attached MF-104 forms include expenditures reported by the operator for work performed during April 1953. M. H. Howes inspected the property May 21, 1953, and prepared the attached narrative of progress.

Work accomplished during the reporting period consisted of 64 feet of drift in the Blaine fissure zone. All advance is in conformance with the terms of the contract and recommendation is made that the operator be repaid in the manner listed in the progress report. The MF-104 forms were received from the operator May 26, 1953.

Stephen R. Wilson
Stephen R. Wilson

Enclosures 2

S. R. Wilson

May 27, 1953

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for April 1953

The Ida mine was inspected on May 21, 1953. It is verified that progress for April in the amount of 64 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

The drift along the first northwesterly structure, cutting the Blaine fissure zone, was advanced 15 feet. Mineralization decreased in intensity toward the face of the drift. A second drift was driven a distance of 49 feet along another northwesterly structure, about 50 feet west of the first structure. This drift also cut the Blaine fissure zone. Fine, disseminated pyrite is scattered in the limestone exposed in the drift.

The operator's narrative report is considered to be adequate.

Payment is approved for $882.56, which is 50 percent of the allowable cost of $1,765.12 for 64 units of work.

M. H. Howes

M. H. Howes

COPY

UNITED MINING DEVELOPMENT COMPANY, INC.

144 West 2nd South
Salt Lake City, Utah

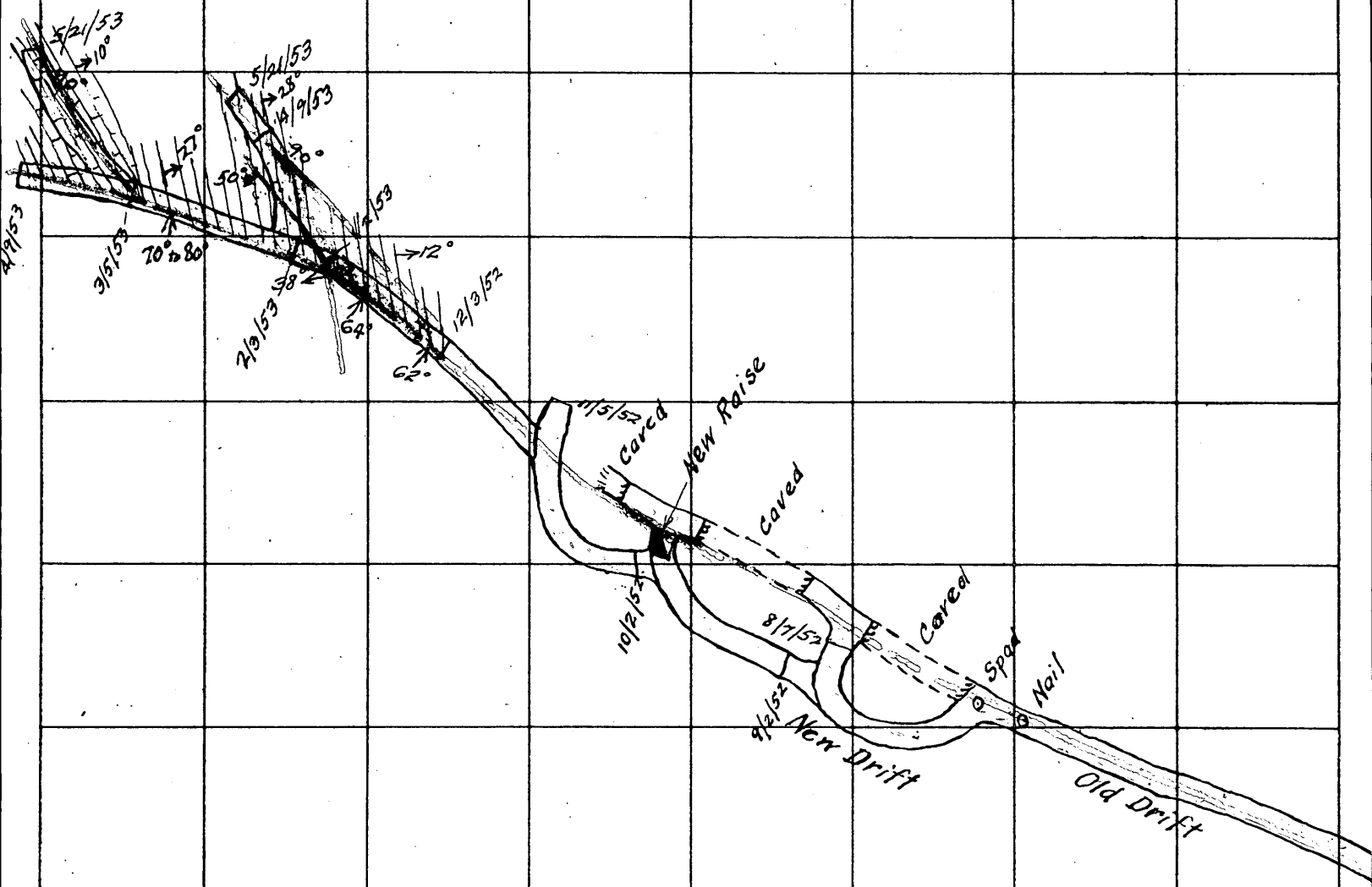
May 14, 1953

Narrative on operations for the month of April

We continued to drift on the mineralized zone of the Blaine Fissure. No particular change. The stringer continues about the same as reported April 13, 1953.

/S/ By O. H. EVANS
Milton H. Woolf, Director

O. H. EVANS
Secy. Treas.



United Mining Dev. Co

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes. SURVEY Brunton SCALE 1" = 50' DATE 1952-19

E - 1111 - 0051

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

MAY 4 1953

Month of March 1953, 195..... Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Dev. Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1985.76	12135.20	14120.96			
(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	1985.76	12135.20	14120.96	1985.76	12,135.20	14,120.96

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

Date April 13, 1953 United Mining Dev. Co. Inc.
United Mining Dev. Co. Inc.
Per [signature] Title Sec. Treas.
O. H. Evans

*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:

$ 99288

Signature [signature]
(Authorized Certifying Officer)

Date 4/23/53 Vou. No. DMA 53-127
(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. E340 in accordance with the terms of the contract.

Signature Frank Wideman Title Mining Engineer Date April 14, 1953.

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

Signature W. H. King Title Executive Officer Date APR 20 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

U.S. Bureau of Mines
RECEIVED
MAY 13 1953
Salt Lake City, Utah

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

Month of March 195 3 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc Minerals Lead-Zinc
Address 142 West 2nd. So. St. Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting	Ft.	1985.76	72	14120.96	512	27.58	600	27.58
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1985.76	72	14120.96				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		1985.76		14120.96				16548.00

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

REMARKS:

Date April 13, 1953 Operator United Min. Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.
O. H. Evans

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

April 20, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Company, Inc., Tooele County, Utah. Operator's Monthly Progress Report for the period March 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	April 13, 1953.
Date Received in Field Office	April 13, 1953.
Date Received in Region Office	April 17, 1953.
Date Processed for Payment	April 20, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

April 15, 1953

Memorandum

To: W. H. King, Chief, Mining Division, Region IV

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for March 1953

Expenditures under the subject contract during March 1953 are listed on the attached MF-104 forms. The property was inspected by F. L. Wideman April 8, 1953, and a progress report prepared by him is attached.

Drifting accomplished during the month totaled 72 feet. All work was done in the Blaine fissure zone and is in conformance with terms of the contract.

The MF-104 forms were received from the operator April 13, 1953.

Stephen R. Wilson
Stephen R. Wilson

Enclosures 2

S. R. Wilson April 14, 1953

F. L. Wideman

DMEA 1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for March 1953

The Ida mine was inspected April 8, 1953. It was verified that the progress of 72 feet of drifting was accomplished in March. The work was done in the Blaine fissure zone and conforms with the contract.

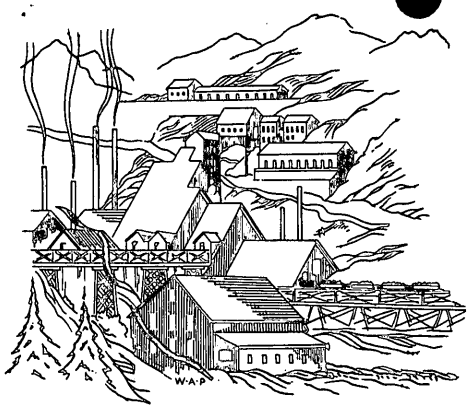
The drift along the Blaine fissure was advanced 37 feet and a drift along the northwesterly structure, cutting the Blaine fissure zone, was advanced 35 feet. The latter-mentioned structure is well mineralized with quartz, pyrite and galena. It attains a maximum width of 1 foot. The mineralization in the Blaine fissure, as exposed by work in March, appears to be decreasing in quantity.

The operator's report is considered to be adequate.

It is recommended that the operator be reimbursed by $992.88. This amount is 50 percent of the cost of the project for March, based on 72 feet of drifting at $27.58 per foot.

F. L. Wideman

F. L. Wideman



PHONE 9-1221

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

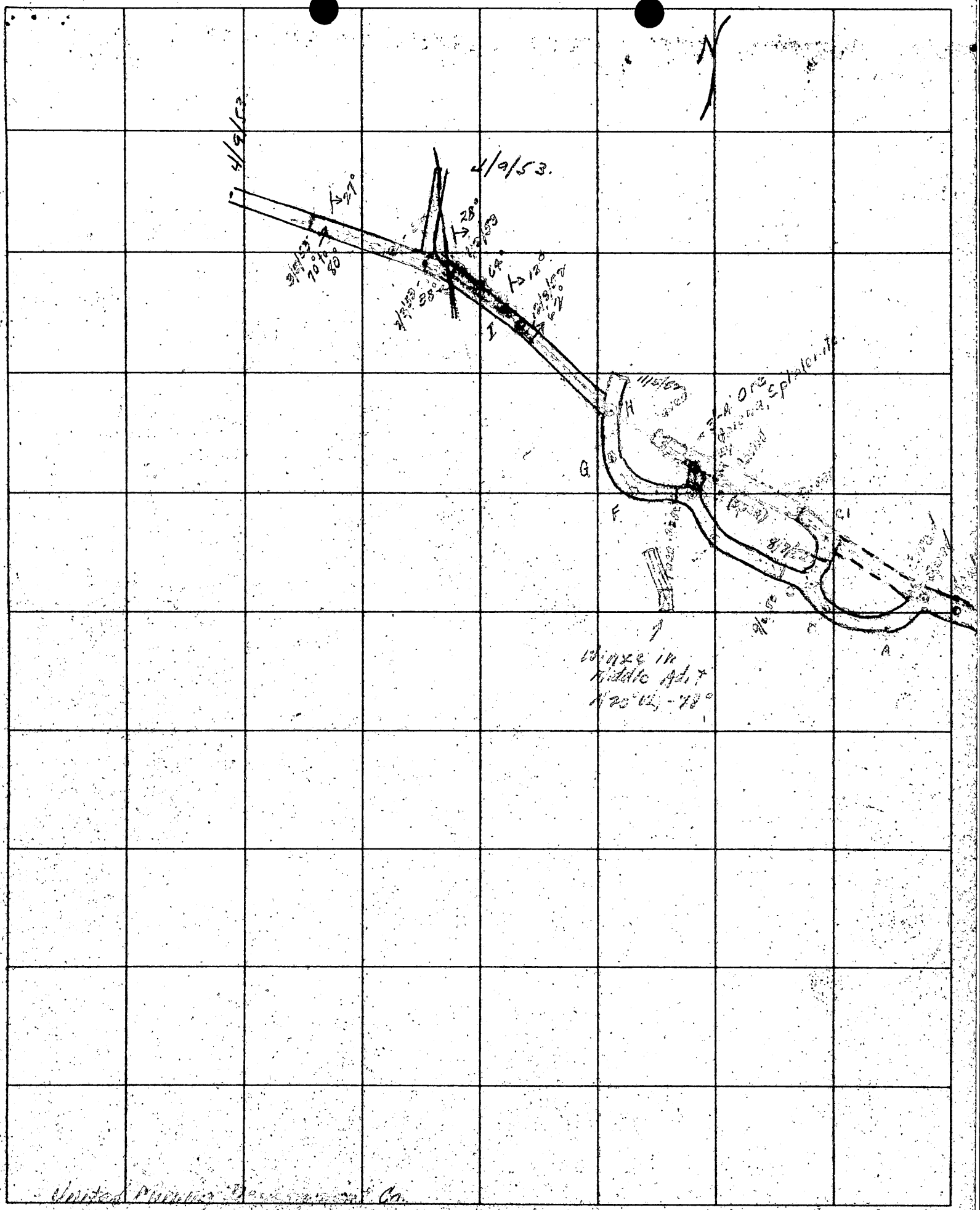
April 13, 1953

Narrative on operations for the month of March 1953:

We continued to drift on the mineralized zone of the Blaine Fissure. We exposed another stringer of good Lead-Zinc sulphide ore. The stringer is about one feet wide and assayed thirty-three lead and sixteen zinc.

O. H. Evans

O. H. Evans



United Phosphate Development Co.

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Tunnel
GEOLOGY BY [illegible] SURVEY [illegible] SCALE 1" = 50' DATE [illegible]

Form DMEA-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

U. S. Bureau of Mines
RECEIVED
MAR 16 1953
Salt Lake City, Utah

Month of February, 1953 Docket No. DMEA 1523 Contract No. Idm-340
Operator's Name United Mining Development Co., Inc. Minerals Lead-Zinc
Address 142 West 2nd. South Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1379.00	10,756.20	12,135.20			
(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	1379.00	10,756.20	12,135.20	1379.00	10,756.20	12,135.20

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

Date March 13, 1953 Payee United Mining Dev. Co. Inc.
Per O. H. Evans Title Sec.-Treas.

*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:

$ 629.50

Signature [illegible]
(Authorized Certifying Officer)

Date 3/26/53 Vou. No. DMA 53-112

(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-E340 in accordance with the terms of the contract.

Signature W. H. Bowen JRW Title Mining Engineer Date Mar. 16, 1953

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

Signature W. H. Kerr Title Executive Officer Date MAR 23 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.

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
MAR 6 1953

Month of February 195 3 Docket No. DMEA 1923 Contract No. Idm-1340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. South Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	1379.00	50	12135.20	440	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1379.00	50	12135.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1379.00		12135.20				16,548.00

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

Date MARCH 13, 1953 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.

O. H. Evans

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)

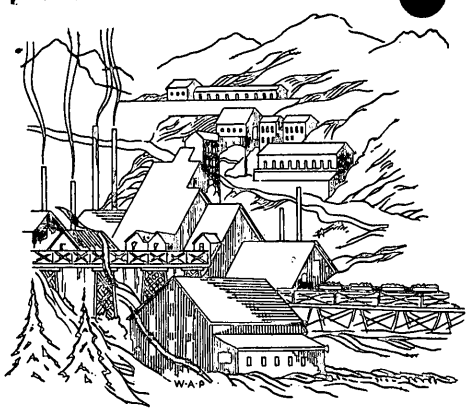
INSTRUCTIONS

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



PHONE 9-1221

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

March 13, 1953

Narrative on operationsfor the month of February 1953:

We continued to drift on the mineralized zone of the Blaine Fissure. We have run out of ore, however the fissure is big and very heavy with iron sulphide.

O. H. Evans

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

224 New Customhouse
Denver 2, Colorado

March 23, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-X340 (Lead-Zinc), United Mining Development Company, Inc., Tooele County, Utah. Operator's Monthly Progress Report for the period February 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	March 13, 1953.
Date Received in Field Office	March 16, 1953.
Date Received in Region Office	March 20, 1953.
Date Processed for Payment	March 23, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

March 18, 1953

Memorandum

To: W. H. King, Chief, Mining Division, Region IV

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for February 1953.

Transmitted herewith are MF-104 forms and related data listing expenditures under the subject contract for February 1953. Also included are copies of a progress report prepared by M. H. Howes, the inspecting engineer.

Advance during the period totaled 50 feet and is in conformance with terms of the short-form contract. The advance was made in the Blaine fissure in a northwest direction. No additional ore has been encountered in the fissure, but the fissure contains strong mineralization, which is chiefly pyrite and quartz. Recommendation is made that the operator be reimbursed for the Government's share of the February expenditures in the manner shown in the progress report.

The MF-104 forms were received from the operator March 16, 1953. The property was inspected by M. H. Howes March 5, 1953. A sketch map, attached, shows the progress of the work to February 28, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 3

S. R. Wilson March 16, 1953

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for February 1953.

The Ida mine was inspected on March 5, 1953. It is verified that progress for February in the amount of 50 feet, as reported on form MP-104A, is correct, and that the work was performed in accordance with the contract.

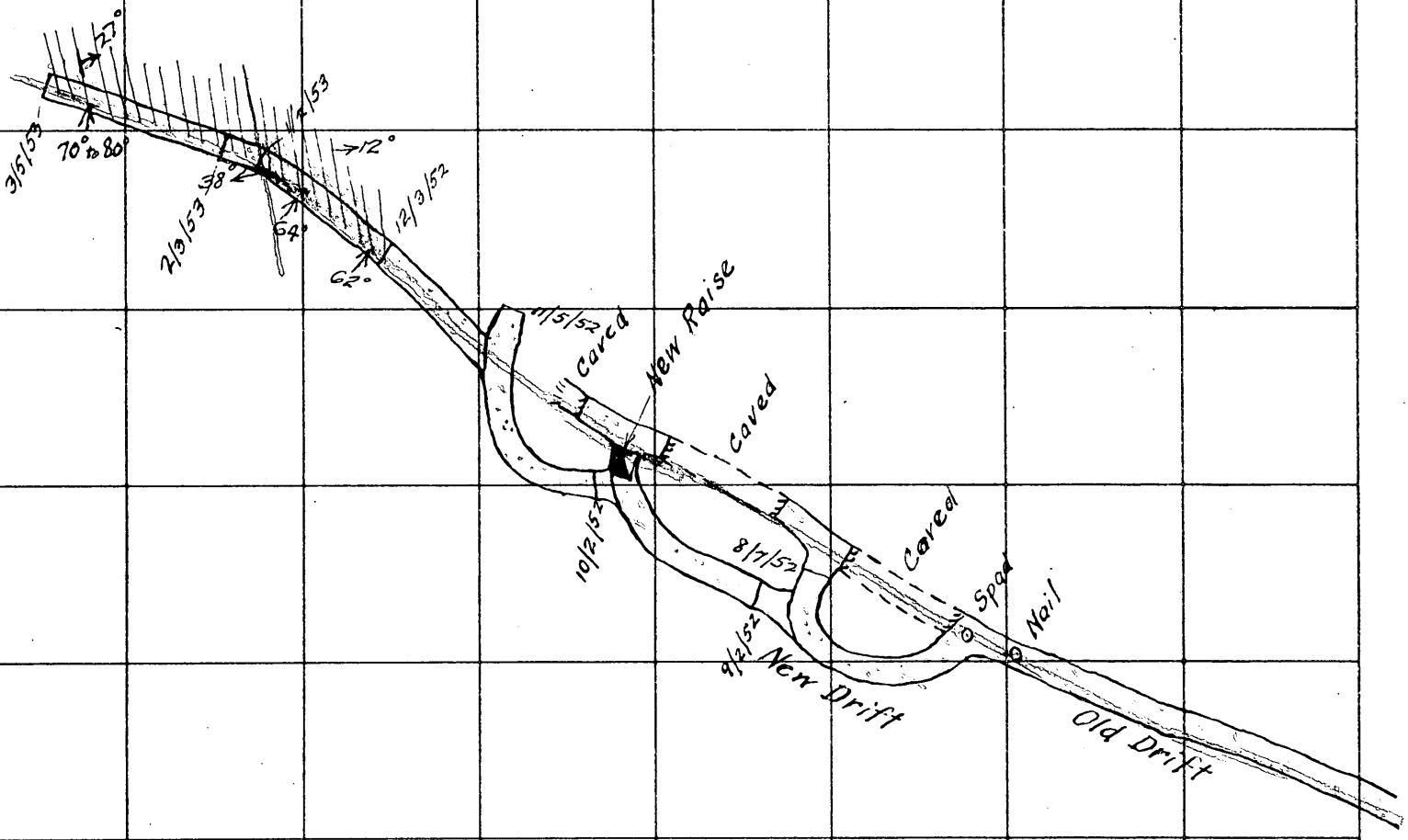
The drift was driven northwesterly along the Blaine fissure. An abundance of quartz and disseminated pyrite mineralization occurs in fault zone.

The operator's narrative report is considered to be adequate.

Payment is approved for $689.50, which is 50 percent of the allowable cost of $1,379.00 for 50 units of work.

M. H. Howes

M. H. Howes



United Mining Dev. Co

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes. SURVEY Brunton SCALE 1" = 50' DATE 1952-1953

1500 - 1111 - E

Form MF-10 (Rev.)
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. Department of the Interior
RECEIVED
Defense Minerals Administration
FEB 12 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of January, 1953 Docket No. DMEA 1923 Contract No. [illegible]
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 East 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	330.96	10,425.24	10,756.20			
(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	330.96	10,425.24	10,756.20	330.96	10,425.24	10,756.20

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

Date Feb. 11, 1953 Payee United Mining Dev. Co. Inc.
C. H. Evans
Per [signature] Title Sec. Treas.

*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:

$ 165.48

Signature [signature]
(Authorized Certifying Officer)

Date 3/2/53 Vou. No. DMA 53-102

(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. Wm-E340 in accordance with the terms of the contract.

Signature M. L. Howes SRW Title Mining Engineer Date Feb 17, 1953

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

Signature W. H. King Title Executive Officer Date FEB 25 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-101A
(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
MAR 3 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of January 1953 Docket No. DMEA 1223 Contract No. Idm-1360
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 140 West End. So. Salt Lake City, Utah

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft.	330.96	12	10,756.20	390	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		330.96	12	10,756.20				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		330.96		10,756.20				16,548.00

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

Remarks:

Date Feb. 11, 1953 Operator United Mining Dev. Co. Inc.

Per C. H. Evans Title Sec. Treas.

C. H. Evans

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

March 4, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1923, Contract Idm-E~~310~~ 340 (Lead-Zinc) United Mining and Development Co., Inc., Tooele County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of January, 1953, pertaining to DMEA Docket 1923, Contract Idm-E340, United Mining and Development Co., Inc.

W. H. King
L. H. King

Enclosures

14

cc: Secretary to the Operating Committee (2)
Wilson
Contract
Chron.

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

224 New Customhouse
Denver 2, Colorado

February 24, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-5340 (lead-zinc) United Mining and Development Co., Inc., Tooele County, Utah Operator's Monthly Progress Report for the period of January, 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - February 11, 1953
Date Received in Field Office - February 12, 1953
Date Received in Region Office - February 24, 1953
Date Processed for Payment - February 24, 1953

W. H. King
W. H. King

Enclosures

RDB:oc

cc: Contract
Secretary to the Operating Committee (2)
SRWilson
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

February 19, 1953

Memorandum

To: W. N. King, Chief, Mining Division, Region IV

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMMA-1923, Contract Idm-X340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for January 1953.

Transmitted herewith are five copies of MF-104 forms pertaining to expenditures under the subject contract for the period January 1953. The property was inspected by M. H. Howes February 3, 1953. Copies of a progress report are included.

Work reported on the MF-104 forms was verified by the inspecting engineer and is in conformance with terms of the contract. Recommendation is made that the operator be reimbursed in the manner stated in the progress report.

The MF-104 forms were received from the operator February 12, 1953.

Stephen R Wilson
Stephen R. Wilson

Enclosures

S. R. Wilson

February 17, 1952

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for January 1953

The Ida mine was inspected on February 3, 1953. It is verified that progress for January in the amount of 12 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

The normal fault, stated in the December report to have cut off the Blaine fissure and the ore bedding in the face of the drift, was a minor fault with small displacement. Advance northwesterly revealed the fissure continuing as before. The ore petered out in a very few feet. Pyrite and quartz mineralization occurs in the new face.

A lot of 48.18 tons of ore, assaying 8.95 percent Pb, 9.45 percent Zn, 0.275 percent Cu, 0.025 ounce Au, and 0.275 ounce Ag, was mined from the drift and shipped to the Combined Metals Reduction Co. at Bauer, Utah. Royalty, in the amount of $43.95 was paid to the Government.

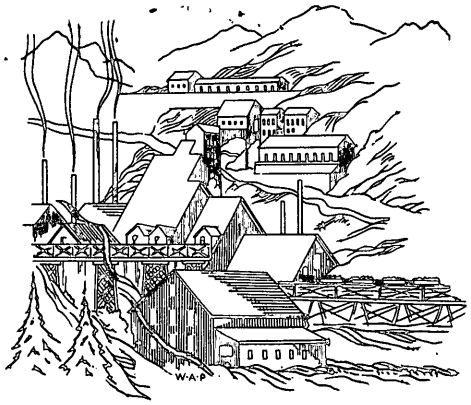
The company spent a large part of the month driving the air raise, which is now reported to be up approximately 50 feet.

The operator's narrative report is considered to be adequate.

Payment is approved for $165.48, which is 50 percent of the allowable cost of $330.96 for 12 units of work.

M. H. Howes

M. H. Howes



United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 22-0053

Feb. 11, 1953

Narrative on operations for the month of January 1953:

We are driving an air-raise from the lower to the middle tunnell level and are up approximately fifty feet. Most of this distance has been in ore and we have shipped one car-load to combined metals and are shipping another to the U.S. Smelting and Refining Co.

We made only twelve feet in the drift along the Blaine Silvers and are heading into another barren zone.

O. H. Evans

O. H. Evans

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U.S. Bureau of Mines
RECEIVED
JAN 9 - 1953
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1952 Docket No. DMEA 1923 Contract No. DMA-5340

Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc

Address 142 West 2nd. South Salt Lake City, Utah

Contract Amount, $ Government Participation: 50 % Amount, $ 8,274.00

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	1241.10	9,184.14	10,425.24			
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	1241.10	9,184.14	10,425.24	1241.10	9,184.14	10,425.24

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

Date 1/9/53 *Payee United Mining Development Co. Inc.

Per O. W. Kemp Title Sec. Treas.

*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:

$ 620.55

Signature
(Authorized Certifying Officer)

Date 1/23/53 Vou. No. DMA 53-88

(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-E340 in accordance with the terms of the contract.

Signature M. H. Lower ARW Title Mining Engineer Date Jan. 12, 1953

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

Signature W. H. King Title Executive Officer Date JAN 20 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 2 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of December 195 52 Docket No. DMEA 1923 Contract No. Idm-1340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah

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	Ft.	1241.10	45	10,425.24	378	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1241.10	45	10,425.24				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1241.10		10,425.24				16,548.00

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. 3, 1953 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.
O. H. Evans

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

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

Room 206 New Customhouse
Denver 2, Colorado

January 20, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc) United Mining Development Co., Tooele County, Utah - Operator's Monthly Progress Report for the period of December, 1952

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - January 3, 1953
Date Received in Field Office - January 9, 1953
Date Received in Region Office - January 16, 1953
Date Processed for Payment - January 20, 1953

W. H. King

W. H. King

Enclosures

RDB:oc
cc: Contract
Secretary to the Oper. Comm. (2)
SRWilson
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

January 13, 1953

Memorandum

To: W. H. King, Chief, Mining Division, Region IV

From: Chief, Minerals Development Branch, Mining Division, Region IV

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for December 1952

Enclosed are the original and four copies of MF-104 forms with expenditures under the subject contract for December 1952. The property was inspected by M. H. Howes January 2, 1953, and the attached progress report prepared.

Work accomplished during December consisted of drifting 45 feet in the Blaine fissure zone in a northwest direction. Ore was encountered along the fissure at floor level, approximately 30 feet from the face as of January 2, 1953. At the face the ore is 7 feet thick, but both the fissure and the ore terminate against a fault of probable normal displacement. The fault strikes N. 8° W. It is believed that faulting has shifted the Blaine fissure to the south relative to the present face. It was mutually agreed between the operator and the inspecting engineer that the drift should be turned to the right, north, to follow the fault and the ore, and then drift to the left, or south, to encounter the Blaine fissure proper for additional drifting. This work will determine if the ore discovery is significant. It is believed the fault is of minor displacement, as no evidence is present at the surface, a short distance above, to indicate major movement.

Work accomplished during December is in conformance with terms of the contract. Recommendation is made that the operator be repaid 50 percent of the monthly expenditures as shown in the progress report.

The MF-104 forms were received from the operator January 9, 1953.

Stephen R. Wilson
Stephen R. Wilson

Enclosures 2

S. R. Wilson

January 13, 1953

M. H. Howes

DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for December 1952

The Ida mine was inspected on January 2, 1953. It is verified that progress for December in the amount of 45 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

The drift was driven northwesterly along the Blaine fissure. Thin interbedded shales and quartzites, which strike N. 10° W. and dip 12° easterly, occur on the hanging wall side of the fissure. A good grade of lead-zinc sulphide ore was encountered along the fissure in a hanging wall bedding, at floor level, about 30 feet back from the present face of the drift. The ore persists in this bedding to the face, where the ore is exposed for a thickness of 7 feet. The Blaine fissure and the ore bedding at the face are cut off by a normal fault, which strikes N. 8° W. and dips 38° westerly. The operator was advised by the Bureau of Mines field engineer to follow the fault to the right as far as the ore goes; next, to follow the fault to the left until the continuation of the Blaine fissure is found; and then to resume driving northwesterly along the Blaine fissure.

The operator reports that arrangements have been made to ship a railroad car of ore, which will average about 30 percent combined lead and zinc, to Combined Metals Reduction Co. at Bauer, Utah, for a mill test.

The operator's narrative report is considered to be adequate.

Payment is approved for $620.55, which is 50 percent of the allowable cost of $1,241.10 for 45 units of work.

M. H. Howes

M. H. Howes

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

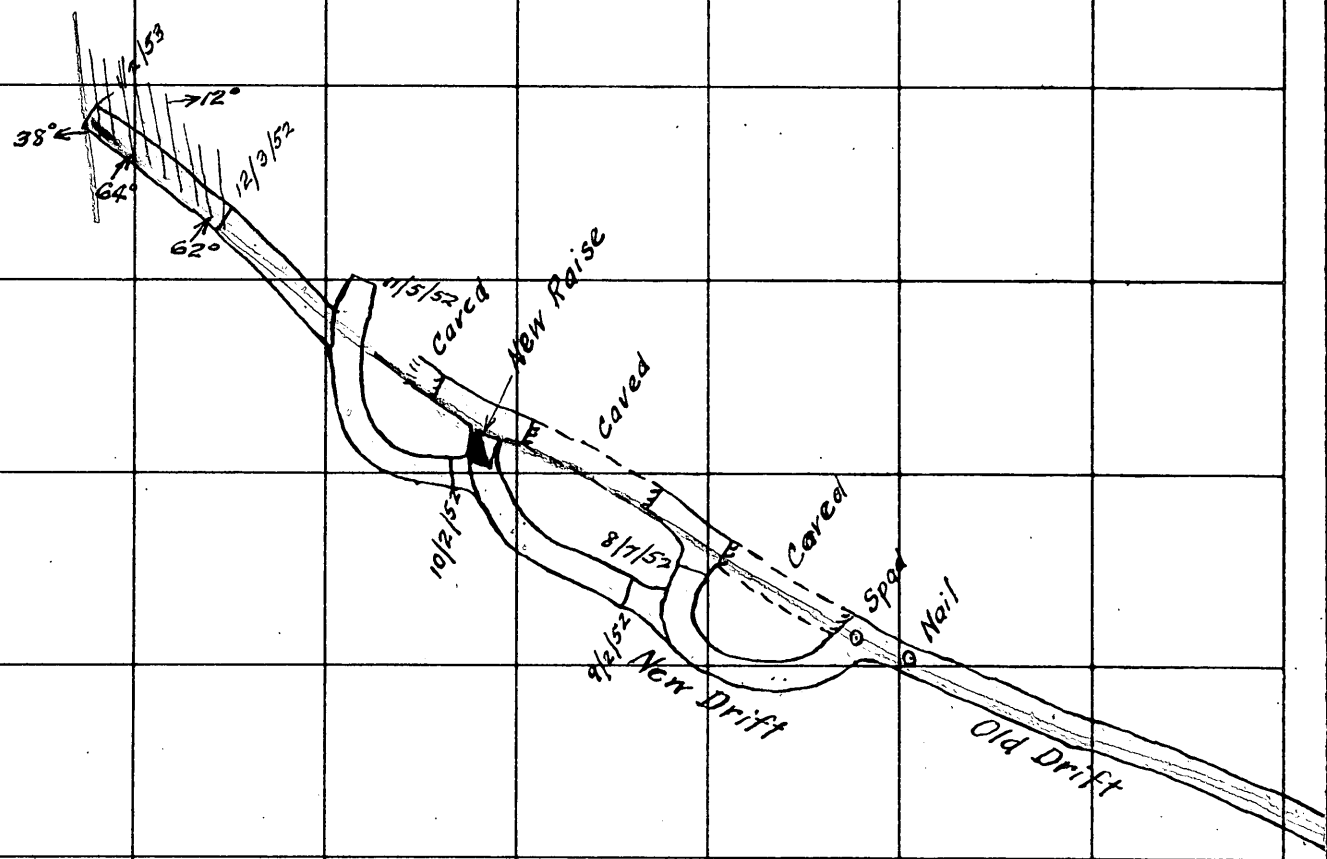
January 3, 1953

Narrative on operations for the month of December 1952:

We continued to drift for a distance of forty-five feet along the Elaine Fissure. The last twenty feet has been in good lead-zinc ore the full width of the drift which is approximately four feet wide. We have arranged to ship a railroad car of this ore to Combined Metals Reduction Company at Bauer, Utah for milling. According to our assay samples the carload should assay about thirty percent metal combination of pb.zn.

O. H. Evans

O. H. Evans



United Mining Dev. Co

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes. SURVEY Brunton SCALE 1" = 50' DATE 1952-1953

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

U. S. Bureau of Mines
RECEIVED
DEC 10 1952
Salt Lake City, Utah

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 2 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Dev. Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form } Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1241.10	7,943.04	9,184.14			
(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	1241.10	7,943.04	9,184.14	1241.10	7,943.04	9,184.14

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

Date Dec. 11, 1952 *Payee United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.

*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:

$ 620.55

Signature [signature]
(Authorized Certifying Officer)

Date 12-30-52 Vou. No. 6-3-76

(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-E340 in accordance with the terms of the contract.

Signature M. H. Howes, SRW Title Mining Engineer Date Dec. 18, 1952

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

Signature W. H. King Title Executive Officer Date 12/24/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 12 1953

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

Month of November 195 2 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah

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	Ft.	1241.10	45	9184.14	333	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1241.10	45	9184.14				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1241.10		9184.14				16,548.00

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 December 11, 1952 Operator United Mining Dev. Co. Inc.

Per O. N. Evans Title Sec. Treas.

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

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

Dec. 11, 1952

Narrative on operations for the month of November 1952:

We drifted for a distance of forty-five feet along the ~~XXXXXX~~ mineralized zone of the Blaine Fissure. For most of this distance the fissure was not mineralized but we are now coming into another ore zone as there is a stringer of good ore along the foot-wall with crystals of lead and zinc throughout the fissure.

O. H. Evans

53-76

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

[illegible] New Customhouse
Denver 2, Colorado

December 24, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 [illegible] 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340, (Lead-Zinc) United Mining Development Company, Tooele County, Utah - Operator's Monthly Progress Report for the period of November, 1952

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report - December 11, 1952
Date Received in Utah-Wyoming Branch Office - December 10, 1952
Date Received in Region IV Office - December 22, 1952
Date Processed for Payment - December 23, 1952

W. H. King
W. H. King

Enclosures

RDB:oc
cc: Contract
Secretary to the Operating Committee (2)
SRWilson
Chron.
AHKoschmann (2)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 2 1953

December 19, 1952

Memorandum

To: W. H. King, Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah. MF-104 forms for November 1952.

Enclosed are the required copies of MF-104 forms and supporting information pertaining to work and expenditures under the subject contract for November 1952.

The property was inspected by M. H. Howes December 3, 1952.

During the month all contract work was confined to drifting along the zone of the Blaine fissure and is in conformance with the contract. It is recommended that the operator be reimbursed by an amount of $620.55, which represents 50 percent of the total monthly expenditure.

The MF-104 forms were received from the operator December 10, 1952.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson December 19, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for November 1952

The Ida mine was inspected on December 3, 1952. It is verified that progress for November in the amount of 45 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

During November the drift was driven northwesterly along the Blaine fissure, starting at the point where the drift crossed the fissure late in October. The fissure is about 14 inches wide and is composed of gouge slightly mineralized throughout with finely disseminated pyrite. A scattered showing of galena and sphalerite in the present face of the drift suggests the possibility of its entering an ore zone. Thin, interbedded quartzites and shales appear on both sides of the fissure and contain finely disseminated pyrite.

A raise has been started on the ore showing reported in September. The main purpose of this raise is to improve ventilation in the drift.

The operator's narrative report is considered to be adequate.

Payment is approved for $620.55, which is 50 percent of the allowable cost of $1,241.10 for 45 units of work.

M. H. Howes.

M. H. Howes

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

...nerals Administration
RECEIVED
DEC 12 1952

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

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

NOV 19 1952
Salt Lake City, Utah

Month of October, 1952 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. South Salt Lake City, Utah
Contract Amount, $16,548.00 Government Participation: 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	1,958.18	5,984.86	7,943.04			
(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):						
						9 ama
TOTALS	1,958.18	5,984.86	7,943.04	1958.18	5984.86	7943.04

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

Date Nov. 7, 1952 *Payee United Mining Dev. Co. Inc.

Per O. K. Evans Title Sec. Treas.

*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:

$979.09

Signature
(Authorized Certifying Officer)

Date 12/1/52 Vou. No. DMA 53-66

(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-E340 in accordance with the terms of the contract.

Signature M. H. Howes JRW Title Mining Engineer Date Nov. 13, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. King Title Executive Officer Date 11/25/52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Defense Minerals Administration
RECEIVED
DEC 12 1952

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. Bureau of Mines
NOV 12 1952
Salt Lake City, Utah

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1952 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. South Salt Lake City, Utah

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	Ft.	1,958.18	71	7,943.04	288	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,958.18	71	7,943.04				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,958.18		7,943.04				16,548.00

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

REMARKS:

Date November 7, 1952 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.

O H Evans

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

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

224 New Customhouse
Denver 2, Colorado

November 24, 1952

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1923, Contract Idm-R340, (Lead-Zinc) United Mining Development Co., Inc., Tooele County, Utah Operator's Monthly Progress Report for the period of October, 1952

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 50 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

W. H. King
W. H. King

Enclosures

RDB:oc

cc: Contract
Secretary to the Operating Committee (2)
SNWilson
Chron.
AEKoschmann
RDB

November 19, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Inc., Tooele County, Utah. MF-104 forms for October 1952.

Enclosed are the required copies of MF-104 forms and other information pertaining to the subject project for the period October 1952. M. H. Howes inspected the project November 5, 1952 and prepared the attached progress report.

Contract work during the period consisted of completion of 71 feet of drifting in the Blaine fissure zone. The work is in conformance with the contract and amendments thereto. It is recommended that the operator be reimbursed for the Government's share of expenditures based on 71 feet of drifting at $27.58 per foot of drift. This amount is $979.09.

MF-104 forms for October 1952 were received in this office November 12, 1952.

Stephen R. Wilson

Stephen R. Wilson

Encls.

S. R. Wilson

November 17, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for October 1952

The United Mining Development Co., Inc., Ida mine, was inspected on November 5, 1952. It is verified that progress for October in the amount of 71 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

During October the drift continued in the footwall mineralized zone of the Blaine fissure, roughly paralleling the fissure northwesterly for about 35 feet. It was then turned gradually to the right, where it crossed the fissure at a point beyond the face of the adit, and was driven into the hanging wall for 16 feet. The drift will be continued along the fissure, which is 14 inches thick and contains fault gouge slightly mineralized with fine pyrite. The rock in both the footwall and hanging wall sides of the fissure consist of shattered, interbedded shales and quartzites impregnated with finely disseminated pyrite.

The extent of the ore encountered in September is not known, since no development work has been done on it. However, on account of poor ventilation, the company considers it necessary to drive an air raise to connect with workings on the middle adit level, and this raise will probably be started in the ore.

The operator's narrative report is considered to be adequate.

Payment is approved for $979.09, which is 50 percent of the allowable cost of $1,958.18 for 71 units of work.

M. H. Howes

M. H. Howes

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

November 7, 1952

Narrative on operations for the month of October 1952:

We drifted for a distance of seventy-one feet in the mineralized zone of the Blaine Fissure. Due to poor ventilation we find it necessary to run an air-raise to connect with the middle adit. This can later be used as an ore transfer chute for mining in upper levels. This may slow down our drifting operation temporarily.

O. H. Evans

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 9 1952

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1952 Docket No. DMEA 1923 Contract No. Idm-1340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $16,548.00 Government Participation: 50 % Amount, $8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	2,206.40	3,778.46	5,984.86			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,206.40	3,778.46	5,984.86	2,206.40	3,778.46	5,984.86

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

Date October 6, 1952 *Payee United Mining Dev. Co. Inc.

Per C. R. Evans Title Sec. Treas.

*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:

$1103.20

Signature (Authorized Certifying Officer)

Date 10/20/52 Vou. No. DMA 53-51

(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-E340 in accordance with the terms of the contract.

Signature M. H. Howes APW Title Mining Engineer Date Oct. 8, 1952

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature for W. A. King Title Executive Officer Date 10-16-52

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 29 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1952 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah

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	Ft.	2,206.40	80	5,984.86	217	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,206.40	80	5,984.86				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		2,206.40		5,984.86				16,548.00

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 October 6, 1952 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec. Treas.

O. H. Evans

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

October 16, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMEA Docket 1923, Contract Idm-E340 (Lead-Zinc), United Mining Development Co., Inc., Tooele County, Utah - Operator's Monthly Progress Report, for the period of September 1952

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

Work has been accomplished as authorized in the contract and payment is recommended as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and mathematical accuracy of computations.

John F. Shaw
John F. Shaw
For W. H. King

WLD:jp

Enclosures

cc Secy to Oper Committee (2)
SRWilson
Contract
Chron
AHKoschmann (2)

October 13, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA-1923, Contract Idm-B340, United Mining Development Co., Tooele County, Utah. MF-104 forms for September 1952.

Enclosed are the original and four copies of MF-104 forms and supporting data covering the expenditures made under the subject contract during September 1952. Copies of a progress report prepared by M. H. Howes are also included.

Work performed during the month is in conformance with the contract and amendment thereto. It is recommended that repayment to the operator be made as shown in the progress report.

Stephen R Wilson

Stephen R. Wilson

Encls.

S. R. Wilson October 9, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida mine, Tooele County, Utah. Progress report for September 1952.

The United Mining Development Co., Inc., Ida mine, was inspected on October 2, 1952. It is verified that progress for September, in the amount of 80 feet, as reported on form MF-104A, is correct, and that the work was performed in accordance with the contract.

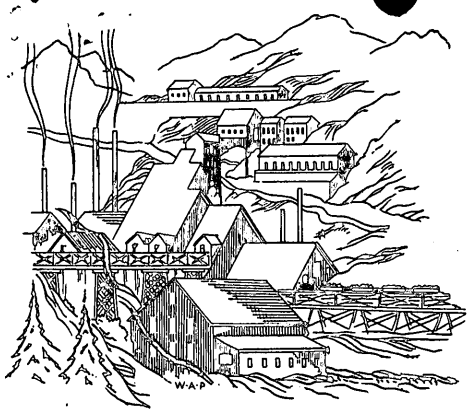
During September the drifting continued in a northwesterly direction within the mineralized zone, but mostly in the footwall of the Blaine fissure. The drift was turned into the fissure at a point shown on the map as near the face of the adit, which was still found to be caved. The adit was opened and followed for 25 feet. However, since the caved area reaches beyond the point shown on the map as the face of the adit, it was decided to continue to drive forward in the footwall of the fissure in a further attempt to bypass the crushed zone. A good grade of ore, from 3 to 4 feet thick, was encountered on the footwall side of the adit. It was reported that a picked sample of the ore assayed 28.8 percent lead, 24.0 percent zinc, 0.25 percent copper, and 4 ounces silver. The footwall drift continues in the heavy, soft, gray shale impregnated with finely disseminated pyrite.

The operator's narrative report is considered to be adequate.

Payment is approved for $1,103.20, which is 50 percent of the allowable cost of $2,206.40 for 80 units of progress.

M. H. Howes.

M. H. Howes



PHONE 9-1221

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

October 6, 1952

Narrative on operations for the month of September 1952:

We drifted for a distance of eighty feet in the mineralized zone of the Blaine Fissure. There is some good ore along the shale-quartzite contact. A hand-picked sample assayed 28.8 pb., 24. zn. 4 oz. ag.,.25 cu. This is the highest-grade ore we have encountered so far and would seem to indicate that the metalic values increase with depth.

O. H. Evans

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1952 Docket No. DMEA 1923 Contract No. Idm-E340
Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

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) ~~XXXXXXX~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$1654.80	2,123.66	3,778.46			
(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	$1654.80	2,123.66	3,778.46	1,654.80	2,123.66	3,778.46

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

Date Sept. 12, 1952 Payee United Mining Dev. Co. Inc.

Per O. M. Evans Title Sec. Treas.

*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:

$ 827.40

Signature
(Authorized Certifying Officer)

Date 10/14/52 Vou. DMA 53-47
(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. Ibm-E340 in accordance with the terms of the contract.

Signature M. H. Howes Skew Title Mining Engineer Date Sept. 19, 1952

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.

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 1952 Docket No. DMEA 1923 Contract No. Idm-E340

Operator's Name United Mining Development Co. Inc. Minerals Lead-Zinc

Address 142 West 2nd. South, Salt Lake City, Utah

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	Ft.	1,654.80	60	3,778.46	137	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1,654.80	60	3,778.46				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,654.80		3,778.46				16,548.00

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. 12, 1952 Operator United Mining Dev. Co. Inc.

Per O. H. Evans Title Sec-Treas.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

October 6, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMEA Docket 1923, Contract Idm-M340 (Lead-Zinc) United Mining Development Co., Inc., Tooele County, Utah - Operator's Monthly Progress Report for the period of August, 1952

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

Work has been accomplished as authorized in the contract and payment is recommended as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and mathematical accuracy of computations.

John F. Shaw

John F. Shaw for
W. H. King

Enclosures

HMC:oc

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

September 30, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA 1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah. MF-104 forms for August 1952.

Enclosed are the required copies of MF-104 forms covering work completed on the subject property during August 1952 under the short-form contract. M. H. Howes inspected the property and measured the advance reported in the MF-104 forms.

It appears that an amendment to the contract will be required to permit drifting in the footwall of the Blaine fissure. Recommendation is made that the operator be reimbursed for the Government's share of August expenditures subject to preparation of an amendment.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson

September 23, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for August 1952

The United Mining Development Co., Inc., Ida mine, was inspected on September 2, 1952. It is verified that progress for August, in the amount of 60 feet, as reported on form MF-104A, is correct.

The progress was performed by continuing to drift in a northwesterly direction within the mineralized zone of the Blaine fissure. For the most part, the drift has been driven in the footwall of the fissure to bypass the caved area encountered 134 feet from the face of the adit. At a point approximately 64 feet past the beginning of the crushed area, or 70 feet from the face of the adit, the drift was turned back into the fissure, which was still found to be caved. The fissure was followed for 20 feet, and even though good mineralization was found along the hanging-wall side, the heavy, wet, crushed condition of this zone caused the management to decide to continue to bypass it by drifting in the more solid footwall. The heavy, soft, gray shale in the footwall drift is still impregnated with finely disseminated pyrite. The present face is about 50 feet from the face of the adit, where it is planned to turn back into the fissure.

The operator's narrative report is considered adequate.

It is recommended that the above progress be considered to conform to the terms of the contract. On this basis, payment is approved for $827.40, which is 50 percent of the allowable cost for 60 units ($1,654.80).

M. H. Howes

M. H. Howes

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH
PHONE 9-1221

September 12, 1952

Narrative on operations for the month of August 1952:

We drifted for a total of sixty feet in the mineralized zone of the Blaine Fissure. Twenty feet of the above mentioned sixty was along the hang-wall side of the fissure where some ore of fair grade was encountered. A hand picked sample assayed: au 0.01, ag. 2.5, pb. 19.0, zn. 24.2, cu. 0.15. The hang-wall side of fissure in in a crushed area and hard to hold, so for the remaining forty feet we veered over to the foot-wall side which holds well and requires little timbering. It is expected that we will be past the crushed area in another fifty feet and then we intend to follow the hang-wall which seems to be more favorable to ore deposition.

We have been slowed up in our operation because of poor track, but we have now purchased three tons of good twelve-pound rail which, when installed will remedy this condition

O. H. Evans

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 2 Docket No. DMEA 1923 Contract No. Idm-5340
Operator's Name United Mining Development Co., Inc. Minerals Lead-Zinc
Address 142 West 2nd. So. Salt Lake City, Utah
Contract Amount, $ 16,548.00 Government Participation: 50 % Amount, $ 8,274.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting	$2,123.66	None	$2,123.66			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,123.66	None	2,123.66	2,123.66	None	2,123.66

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

Date Aug. 5, 1952 *Payee United Mining Development Co.

Per O. H. Evans Title Sec. & Treasurer

*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:

$ 1061.83

Signature (Authorized Certifying Officer)

Date 10/1/52 Vou. No. DMA 53-41

(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. Idm-E340 in accordance with the terms of the contract.

Signature M. L. Lowes MEW Title Mining Engineer Date Aug. 13, 1952

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.

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 July 1952 Docket No: DMEA 1923 Contract No. Idm-5340
Operator's Name United Mining Development Co., Inc. Minerals: Lead - Zinc
Address 142 West Second South St. Salt Lake City, Utah

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	Ft.	2,123.66	77	2,123.66	77	27.58	600	27.58
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,123.66	77	2,123.66				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,123.66		2,123.66				16,548.00

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 August 5, 1952 Operator United Mining Development Co.

Per O. H. Evans Title Sec. - Treas.

O. H. Evans

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

September 19, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 1923, Contract Idm-E340,(Lead-Zinc) United Mining Development Co., Inc., Tooele County, Utah - Operator's Monthly Progress Report, for the period of July, 1952

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

Work accomplished is in accordance with the contract and payment is recommended for the amount of $1061.83, which is 50 percent of the total of $2123.66.

An amendment is in process which authorizes rehabilitation of, or drifting around, caved portion of tunnel.

W. H. King
W. H. King

Enclosures
JWT:es
cc: Secretary to the Operating Committee (2)
Contract
Wilson
Chron.
Koschmann (2)

Mining Division
Date Rec'd.
AUG 18 1952
BUREAU OF MINES
Denver, Colorado

August 14, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA-1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah. MF-104 forms for July 1952.

Enclosed are the required copies of forms MF-104 and supporting data covering the subject contract for July 1952. A progress report, attached, was prepared by M. H. Howes.

The operator encountered difficult rock conditions at the time the work was started and has driven in the footwall of the Blaine fissure instead of along the fissure because of the crushed condition in the fissure. The operator has requested an amendment to the contract if required to permit this work.

It is recommended that repayment be made to the operator for July expenditures as listed in the progress report.

Stephen R. Wilson

Stephen R. Wilson

Encls.

S. R. Wilson August 13, 1952

M. H. Howes

DMA-1923, Contract Idm-E340, United Mining Development Co., Inc., Ida Mine, Tooele County, Utah. Progress report for July 1952.

The United Mining Development Co., Inc., Ida mine, was inspected on August 7, 1952. The company reported that the project was started on June 6, 1952, and that progress for June and July was 77 feet.

The starting point was approximately 134 feet from the face of the lower adit in the Blaine fissure, where a crushed area was encountered. The drift was spiled for a distance of 17 feet. It was then decided by the management that it would be cheaper to bypass the crushed area, which was believed to be 60 or 70 feet long, by drifting around it in the more solid rock of the footwall. The company reported that progress in the footwall drift was 60 feet. It is verified that the progress as reported on form MF-104A is correct. There is a question of whether or not the work has been done in conformance with the contract because the point of beginning was approximately 134 feet from the face. The contract allows no rehabilitation and states that the lower adit is to be extended.

The operator's narrative report is considered adequate.

The accompanying sketch shows a Brunton compass survey of the new drift. It has been driven within the mineralized zone, but in the footwall of the Blaine fissure, in a heavy, soft, gray shale, which is impregnated with finely disseminated pyrite. The drift has been turned to the right to determine whether or not the crushed area has been passed, and is now only a few feet from the old drift at a point about 70 feet from its face. It is possible that this portion of the old drift will be within the crushed area, and that it will be necessary to continue the new drift in the more solid rock of the footwall.

Recommendation is made that the point where the company started spiling shall be established as the point of beginning of the project, and that payment of 50 percent of $27.58 per foot of advance, as stated in the contract, shall be made for spiling through crushed areas or for drifting around these crushed areas.

On the basis of the above recommendation, payment is approved for $1,061.83, which is 50 percent of the allowable cost for 77 units ($2,123.66).

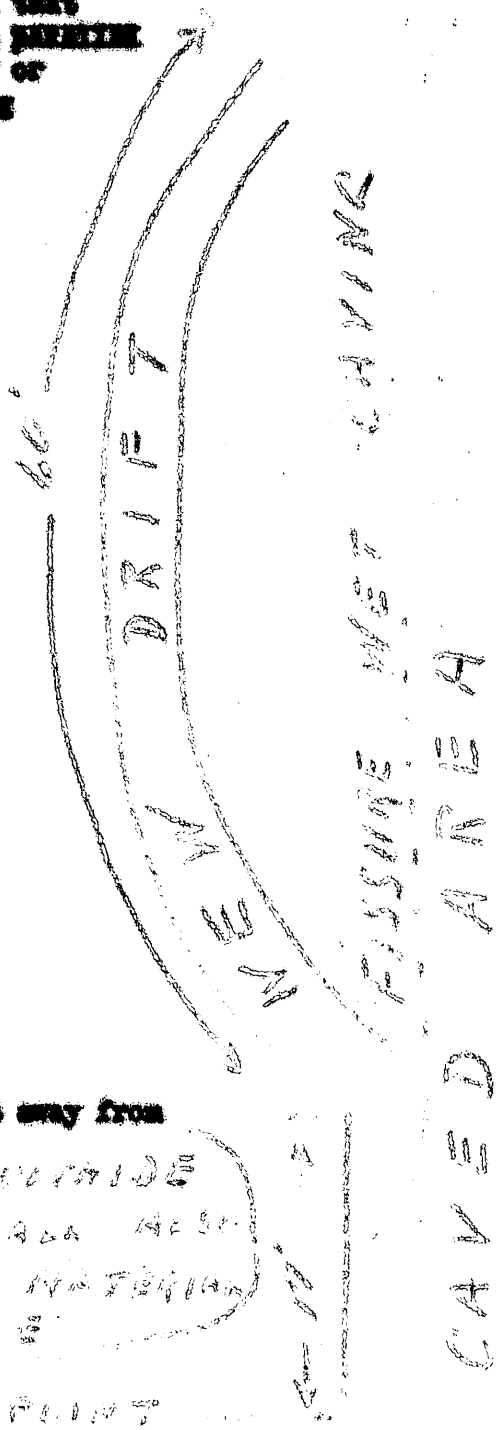
M. H. Howes

M. H. Howes

United Mining Development Co. Inc.
142 West 2nd. South
Salt Lake City, Utah
August 1, 1952

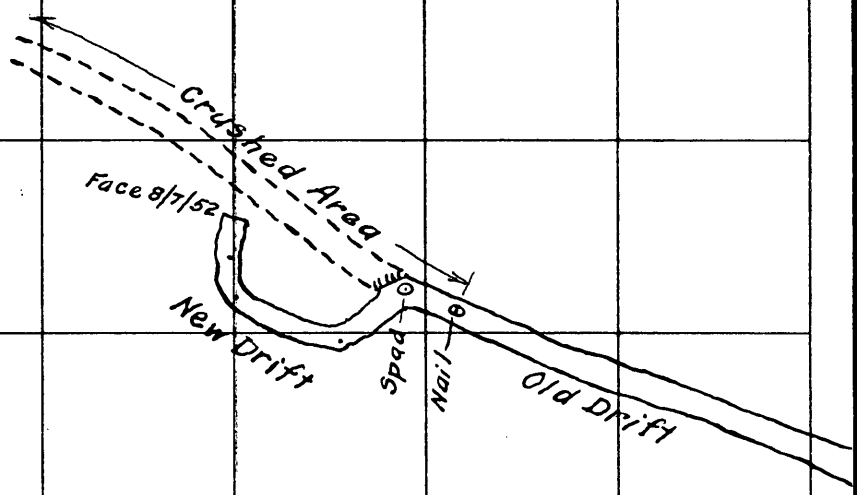
Narrative on operations from June 6, 1952 to date:

Fissure was quite wet and caving badly so after spiling and timbering for a distance of seventeen feet we decided that it would be more advantageous and economical to run a ~~[illegible]~~ drift parallel to the fissure for a distance of sixty or seventy feet in order to get arround this badly caving area and then cut back to the fissure again.
To date we have run sixty feet of this run-around drift and expect to be back in the fissure in approximately another twenty feet.
We are approximately twenty feet to the left of the fissure and in the foot-wall side. The rock is altered shale, heavy with iron sulphite.
It is slaby ground but requires little timber.



Used spiling and timbers in this area in order to get away from badly caving area and into the foot-wall.
Now well timbered and caught-up in good shape.

Signed O. H. Evans
O. H. Evans, Opr.



United Mining Dev. Co.

MINE Ida Mine LOCATION Tooele County, Utah LEVEL Lower Adit

GEOLOGY BY M.H. Howes SURVEY Brunton SCALE 1" = 50' DATE Aug. 7, 1952

6/18 500
800
120
110
100
220

June 18, 1962

Memorandum to the File

From: W. R. Griswold, Chief
Division of Minerals

Subject: DMEA-1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract Idm-E340

The royalty period of this exploration contract expired June 6, 1962. A report by Connors June 11, 1962, shows no recent activity at the property. Consequently, the docket will be considered as closed but no closing letters will be written for the following reasons:

(1) Operator abandoned property;
(2) Operator is defunct;
(3) The Government is due a small amount of royalty; and
(4) Landowners have apparently abandoned property, as assessment work was not performed in recent years.

WRGriswold/EDTalbert/gla 6-18-62

cc to: Contract Division
Docket

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED JUN 14
DATE
6/14
4887
800

June 11, 1962

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-1923 (Lead-Zinc)
Contract Idm-E340
United Mining Development Co., Inc.
(Ida Mine)
Tooele County, Utah
FINAL INSPECTION

The final inspection of the subject property was made June 6, 1962. There were no persons nor equipment of any kind on the property, and there was no evidence of recent mining activities.

This inspection and a review of previous inspection reports also indicates that the property was last worked in 1957.

A Report of Royalty Review dated November 1, 1961 shows that royalty due on production from the mine is $27.19. The Claims Division, General Accounting Office was asked to collect the $27.19, but has not made the collection according to our records.

Original signed by TMR

For

Hugh M. Connors

TMR

GOVERNMENT COPY

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

To: Mr. C. H. Evans, Secretary-Treasurer
United Mining Development Co., Inc.
144 West 2nd South
Salt Lake City, Utah

Pursuant to the provisions of Exploration Project Contract No. Idm-E340, dated June 6, 1952, Docket No. DMA 1923, 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: Drifting along the Blaine fissure has shown the existence of lead-zinc ores occurring on the lands cited in the contract.

Dated: DEC 4 1953

THE UNITED STATES OF AMERICA

By C O Mitteudorf
Administrator, Defense Minerals Exploration Administration

WRGriswold/hmj
(11/3/53
CC to: Docket
Adm. Irving Gumbel, Dr.
Mr. Hedges, Rm 4604
Mr. Thayer, 5216 GSA Bldg.
Adm. R. File
Op. Committee
Cont. and Audit Div.
Finance Office
Region IV (2)
Mr. F. E. Johnson
Mr. Griswold
Base Metals Division
Chron.

DEC - 4 1953

Mr. C. H. Evans, Secretary-Treasurer
United Mining Development Co., Inc.
144 West 2nd South
Salt Lake City, Utah

Re: Docket No. DMEA 1923 (Lead-Zinc)
United Mining Development Co., Inc.
Ida Mine
Tooele County, Utah
Contract No. Idm-E340

Dear Mr. Evans:

Transmitted herewith is a "Certificate of Discovery or Development" related to the Exploration Project Contract No. Idm-E340, dated June 6, 1952, on the lands described in the contract.

By the terms of the Exploration Project Contract and of the Certification, all production from the lands described in the contract after June 6, 1952, the date of the contract, are subject to the Government's percentage royalty as set forth in the said contract until the sum of $8,067.15, which the Government has advanced as its participating interest is repaid, or until June 6, 1962, whichever occurs first.

Payments should be made to Mr. W. H. King, Executive Officer, DMEA Field Team, Region IV, 224 New Customhouse Building, Denver 2, Colorado. Checks should be drawn in favor of the Treasurer of the United States. The purchaser should be advised to deduct the 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 and charges, certified to be correct by the purchaser.

You are requested to notify Mr. King 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. King at six-month intervals that such is the case.

Sincerely yours,

C. O. Matenaer

Administrator

Enclosure

WRGriswold/hmj (11-3-53)
CC to: Docket
Irving Gumbel, Dr. MD, EPS
Mr. Hedges, Rm 4604
Mr. Thayer, 5216, GSA Bldg.
Adm. R. File
Op. Committee
Cont. and Audit Div.
Finance Office
Region IV (2)
Mr. F. E. Johnson
Mr. Griswold
Base Metals Div.
Chron.

No. 2

AMENDMENT OF CONTRACT; No. Idm-E340

Contract Docket No. DMEA 1923, dated June 6, 1952, between the United States of America and United Mining Development Co., Inc. is hereby amended as follows, effective as of the date of said contract:

> Referring to "Article 3. Exploration Project" of Exploration Project Contract Form MF-200A, delete"ten (10) months", and in lieu thereof substitute twelve (12) months.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "Allowable maximum."

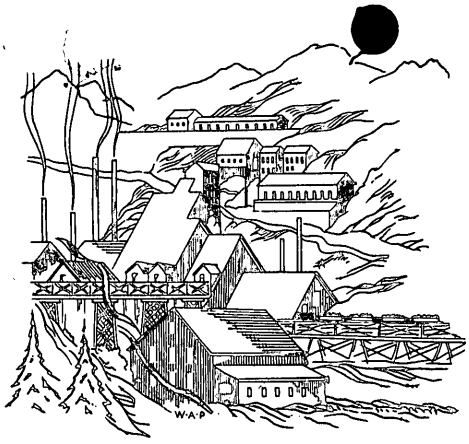
Dated: APR 16 1953

UNITED MINING DEVELOPMENT CO., INC.

By [signature]
Sec. Treas.

UNITED STATES OF AMERICA

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



PHONE 9-1221

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

April 1, 1953

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
APR 20 1953

W. H. King, Executive Officer
DMEA Field Team, Region IV
224 New Customhouse
Denver 2, Colorado

Dear Mr. King:

Re DMEA Docket 1923, contract Idm-E 340, United Mining Development Company, Inc., which expires on April 6, 1953.

It is requested that the expiration date be extended for an additional sixty days in order to enable us to complete the specified footage as per contract. This extension is necessary because of the time lost in unexpected heavy ground and caving conditions, and also to time consumed in running air-raise.

Very truly yours,

UNITED MINING DEVELOPMENT COMPANY, INC.

O. H. Evans
Secretary-Treasurer

ohe/vm

No. 1

AMENDMENT OF CONTRACT: No. Idm-E340

Contract Docket No. DMEA 1923, dated June 6, 1952, between the United States of America and United Mining Development Co., Inc., is hereby amended as follows, effective as of the date of said Contract:

> Referring to "EXHIBIT A" attached to Exploration Project Contract Form MF-200(A), caption "Description of the Work", delete the first paragraph and in lieu thereof substitute the following: Rehabilitate approximately 134 feet of the existing lower adit which caved in the interim between the submitting of the application and execution of the contract. The rehabilitation may consist of spiling through the caved portion, or drifting in the footwall of the Blaine fissure alongside of the cave. Extend the lower adit to the northwest within the mineralized zone of the Blaine fissure. The rehabilitation and drifting totals 600 feet.
>
> Referring to the same Exhibit, caption "Estimated Costs of Project," delete the following: "600 feet of drifting @ $27.58 per foot", and in lieu thereof substitute the following: 600 feet of tunnel advance, including rehabilitation and new drifting @ $27.58 per foot.

This amendment shall not be construed to increase the estimated total cost of the project, the amount of the Government's contribution, or any item of allowable cost which is expressly designated "allowable maximum".

Dated October 22 1952.

UNITED MINING DEVELOPMENT CO., INC.

By [signature]

Sec.-Treas.

UNITED STATES OF AMERICA

By W. H. King

Executive Officer - DMEA

[illegible] No. [illegible]

Contract [illegible] No. [illegible], [illegible] dated [illegible], between the [illegible] Corporation of [illegible], [illegible] Co., Inc., in [illegible], [illegible] as [illegible] or [illegible] or [illegible].

[illegible] "[illegible]" [illegible] [illegible] [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

September 15, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA-1923, United Mining Development Co., Tooele County, Utah. Your memorandum of September 8, 1952.

Enclosed is certified information submitted by the subject contractor depicting actual cost of spiling 17 feet from the point of beginning the project. It will be noted that the cost is in excess of $27.58 per foot, the amount allowed in the contract for drifting.

R. L. Middleton examined the property October 10, 1952. As of that date the drift was caved 85 feet from the face, as shown on figure 4 of the engineering report. Middleton could not determine the extent of the cave, nor could he know the operator's plans concerning rehabilitation of the drift to the face. Work was being done on the property at the time of examination, and it is conceivable that the drift could have been rehabilitated to the face. If this had been done, work under the contract would undoubtedly have been started from the face. Between the time of examination and the date of project beginning, the drift caved from a point 85 feet from the face to a point 134 feet from the face. The contract was started from this latter point and spiling was required to penetrate the caved section. It was deemed advisable by the operator to drift in the footwall of the Blaine fissure after 17 feet of spiling; thus, subsequent work was done here in place of spiling further in the caved drift.

The contract describes the work as "extend the lower adit approximately 600 feet to the northwest within the mineralized zone of the Blaine fissure." No specific starting point is indicated and no reference is made to limiting the drifting to the fissure proper. However, any controversy over interpretation of the contract could probably be avoided by an amendment permitting a drive around the caved area.

The contractor has drawn supplies for spiling from his established stock, and is unable, therefore, to furnish vendors' invoices for the supplies used only in the spiling.

Stephen R Wilson
Stephen R. Wilson

Enclosure

PHONE 9-1221

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

September 15, 1952

U. S. Bureau of Mines
Salt Lake City, Utah

Dear Mr. Wilson:

In accordance with your request I am submitting cost figures for the seventeen feet of Spiled and Timbered Drift shown on our report for July 1952.

8 shifts @	15.00	120.00
24 "	12.05	289.20
96 Meals	.75	72.00
20 pcs 8x8x7	5.10	102.00
60 " 3x12x5	1.02	61.20
34 ft. 12# rail	.24	7.16
Wedges, Spikes, etc.		9.00
Total		660.56

Total Cost per Foot @38.8559

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

United Mining Development Co. Inc.

O. H. Evans Sec. - Treas.

Mining Division
Date Rec'd.
AUG 18 1952
BUREAU OF MINES
Denver, Colorado

August 14, 1952

Memorandum

To: W. H. King, Acting Chief, Mining Division, Region IV

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMEA-1923, Contract Idm-E340, United Mining Development Co., Tooele County, Utah. Operator's request for amendment.

Enclosed are six copies of a letter received from the subject contractor concerning an amendment to allow drifting in the footwall of the Blaine fissure to bypass a crushed zone. The contract permits drifting in the mineralized zone of the fissure, and does not specifically state that work be confined to the fissure. To avoid possible controversy, an amendment may be in order. Drifting in the footwall is within 25 feet of the fissure. A sketch accompanying the July progress report illustrates the situation.

Stephen R. Wilson

Stephen R. Wilson

Encls.

United Mining Development Company, Inc.

144 WEST 2ND SOUTH
SALT LAKE CITY, UTAH

PHONE 9-1221

August 13, 1952

U. S. Bureau of Mines
Salt Lake City, Utah
Attention: Mr. Wilson

Gentlemen:

Exploratory work on our contract under docket DMEA 1923 was begun during July 1952. The contract calls for 600 feet of drifting within the mineralized zone of the Blaine fissure. A crushed condition near the face of the present drift on the fissure makes it desirable to drift in the footwall of the fissure in more competent rock, to bypass the crushed area, and then cut back to the fissure. It is believed the crushed zone will be passed within 100 feet.

It is requested that an amendment to the contract be granted, if necessary for this work, the amendment to become effective as of the starting date of work under the contract.

Cordially,

UNITED MINING DEVELOPMENT COMPANY

O. H. Evans
Secretary-Treasurer

ohe/vm

Doc[illegible] No. [illegible]

Commodity [illegible]

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

[illegible]

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: [illegible] June 6, 1953

Name and Address of Operator:

United Mining Development Co., Inc.
[illegible]
[illegible], Utah

Amount of Government participation [illegible] $ [illegible]

Percent of Government participation [illegible] %

Region: [illegible] State: [illegible]

[illegible]

(Name)

[illegible]

(Title)

[illegible]

Date Delivered to Bureau of Mines, Washington.

13908

Docket No. 1923

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 24 340

Date of Contract ~~or Amendment~~ June 6, 1952

Name and Address of Operator:
United Mining Development Co., Inc.
565 South 22nd West
Salt Lake City, Utah

Amount of Government participation $ 8,274.00

Percent of Government participation 50 %

Region: IV State: Utah

for J.L. (Name) Chambers
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. June 11, 1952 13908

MF-200 (A)
(February 1952)

DOCKET NO. [redacted]EA 1923

COMMODITY Lead-Zinc

Idm-E340

Government Copy

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

EXPLORATION PROJECT CONTRACT[1]

(Short Form)

IT IS AGREED this 6th day of 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] United Mining Development Co., Inc.
565 South 22nd West
Salt Lake City, Utah

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 Utah, County of Tooele, described as follows:[3] The Ida mine consisting of six mining claims: Ida recorded in Book 3C, page 206; Ida No. 1 recorded in Book 3C, page 206; Ida No. 2 recorded in Book 3C, page 206-207; Ida No. 3 recorded in Book 3C, page 207; Ida No. 4 recorded in Book 3C, page 226; Ida No. 5 recorded in Book 3C, page 226 in the Tooele County Court House. These claims are in Sec. 35, T. 10 S., R. 8 W. SLB&M Erickson Mining District,

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 encumbrances, easements, and other encumbrances, as shown by abstract of title attached hereto:~~

(b) That the Operator is a lessee, in possession and entitled to possession, and the Subordination Agreements of the lessors are 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 ten (10) 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 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 $8,274.00, which is 50 percent of $16,548.00, the agreed, estimated total cost of the project in which the Government will participate: *Provided,* That until the Operator's final report and final accounting have been rendered to the Government and any final check or auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last voucher or vouchers such sums as it sees fit not in excess of ten (10) percent of the maximum total which the Government might have been called upon to pay under the terms of the contract. The Government may, as it sees fit, make payments direct to the Operator's independent contractors, if any, for the account of the Operator, rather than to the Operator.

ARTICLE 5. *Reports, accounts, audits.*—(*a*) *Progress reports.* The Operator shall provide the Government with monthly reports of units of work performed under the contract, in quintuplicate (five copies), upon forms provided by the Government. These progress reports shall be certified by the Operator, and shall constitute both the Operator's invoice of units of work performed on the project during the period covered by the report and his voucher for repayment by the Government, unless the Government requires the use of a standard voucher form with invoice attached. Progress reports shall include surface and/or underground engineering-geological maps or sketches showing the progress of the exploration, with assay-reports on samples taken concurrently with the advance in mineralized ground.

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property, particularly excluding any land or interest therein to which the Government's lien is not to attach or the production from which is not to be subject to the Government's percentage royalty.
[4] Strike out the provision not applicable.
[5] Name of mineral or minerals.

(*b*) *Final report.*—Upon completion of the exploration work or termination of the contract the Operator shall provide the Government with an adequate geological and engineering report, in quintuplicate (five copies), including an estimate of ore reserves resulting from the exploration work.

(*c*) *Compliance with requirements.*—If, in the opinion of the Government, any of the Operator's reports are insufficient or incomplete, the Government may procure the making or completion of such reports and attachments as an expense of the exploration work; and the Government may withhold approval and payment of any vouchers depending upon insufficient or incomplete reports.

(*d*) *Accounts and audits.*—The Operator shall keep suitable records and accounts of the units of work performed, which the Government may inspect and audit at any time. The Government may at any time require a check of the work performed and an audit of the Operator's records and accounts, by a certified public accountant or otherwise, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract. Upon the completion of the project or termination of the contract the Operator shall render a final account and statement of work performed to accompany his final report.

ARTICLE 6. *Repayment by Operator.*—(*a*) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than 6 months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

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

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

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

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

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

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

ARTICLE 7. *Assignment, transfer, or loss of Operator's interest.*—Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder. The Operator shall not make any voluntary nor permit any involuntary transfer or conveyance of the Operator's rights in the land described in Article 2, without making suitable provision for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof; *Provided*, that mere failure by the Operator to maintain the Operator's rights in the land, without any consideration running to the Operator other than relief from the cost of maintaining such rights (as by surrender of a leasehold, failure to perform assessment work, or failure to exercise an option), coupled with complete abandonment by the Operator of all interest in or operations on the land for a period of 10 years from the date of this contract, shall not constitute such a transfer or conveyance. Should the Operator make or permit any transfer or conveyance in violation of this provision, the Operator shall be and remain liable for payment to the Government of the same amounts, at the same times, as would have been paid under the terms of the percentage royalty on production. If for any reason the net smelter returns, net concentrator returns, or other net amounts realized from the sale or other disposition of such production are not available as a means of measuring the amount of the Operator's liability, the amount thereof shall be estimated as well as may be, and in the event of dispute as to such estimates, the determination thereof by the Administrator of Defense Minerals Exploration Administration or by his successor shall be final and binding upon the Operator.

ARTICLE 8. *Termination and completion.*—The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if, in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worth while discovery and in the opinion of the Government further operations are not justified.

ARTICLE 9. *Changes and added provisions* _____

Executed in sextuplicate the day and year first above written.

United Mining Development Co.
(Operator)

By Stanley D. Reeves
Chairman of Board

THE UNITED STATES OF AMERICA

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

I, O. H. Ewan, certify that I am the secretary of the corporation named as Operator herein; that Stanley D. Reeves, Chairman of Board, 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.

O. H. Ewan

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—66329-1

Exploration Project Contract
United Mining Development Co., Inc.
Docket No. DMEA 1923

Exhibit A

Description of the Work

Extend the lower adit approximately 600 feet to the northwest within the mineralized zone of the Blaine fissure .

The location of the proposed work is shown on the map attached hereto and made a part hereof and entitled "Geology and Topography, Sheet 1 of 2, Esther and Blaine Mines."

Estimated Costs of Project

600 feet of drifting @ $27.58 per foot	$16,548.00
Government's participation at 50%	8,274.00

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Tooele, State of Utah, described in a certain Exploration Project Contract dated June 6, 1952, between United Mining Development Co., the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 17, 1948, and agreement of sale dated June 30, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 6th day of June, 1952

Harold T. Morgan

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

MF-202

LANDLORD'S SUBORDINATION AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

WHEREAS, the undersigned is the owner in fee simple of that certain parcel of ground in the county of Tooele, State of Utah, described in a certain Exploration Project Contract dated June 6, 1952, between United Mining Development Co.,

the Lessee of said property, and the United States of America;

NOW, THEREFORE, the undersigned, as Lessor of said property under lease dated September 17, 1948, and agreement of sale dated June 30, 1951, does by these presents subordinate all of his right, title, and interest under the provisions of said lease to the right, title, and interest of the United States of America under the provisions of said Exploration Project Contract, and agrees that the lien and claim of the United States of America under the provisions of said contract shall be prior to the undersigned's rights to rentals or royalties under the terms of said lease; and

The undersigned further agrees that if said leasehold interest should be surrendered or if said lease should terminate at any time prior to the expiration of the rights of the United States of America under said Exploration Project Contract, the undersigned shall assume and does hereby assume all of the obligations of the Lessee under said Exploration Project Contract to make repayment to the United States of America according to the terms of said contract; and

The undersigned agrees to commit no act, nor assert any claim under judicial process or otherwise that may contravene or conflict with the prior lien and claim of the United States of America under the provisions of said Exploration Project Contract.

This undertaking and covenant shall be binding upon the heirs, successors, and assigns of the undersigned.

Dated this 6th day of June, 1952

U. S. GOVERNMENT PRINTING OFFICE 16—64582-1

MATCH WITH SHEET NO. 2, SEE DRWG. 1500 - 860 - B
3000 E
4000 E
5000 E
6000 E
7000 E
8000 E
9000 E
4000 N
3000 N
2000 N
1000 N
ALLUVIUM
SHALE
QTS
ROAD
Sample No. 1
Inclined shaft
FeO, PbO
ALTERED SHALE WITH FeO
Sample No. 2
Sample No. 3
45° incline 40'
PbO
FeO
AGNO NO. 1
AGNO NO. 3
LUCKY DOG
IDA NO. 1
IDA NO. 2
IDA NO. 3
IDA NO. 4
IDA NO. 5
(Approximate location of proposed work
Middle Tunnel Blaine (Ida)
Shaft, 40' deep
Inclined shaft
Sample No. 11
70° Inclined shaft
Raise from 100' level
Upper Tunnel Blaine (Ida)
ALTERED ZONE
BULL QTZ
CAMP
Lower Tunnel Blaine (Ida)
ZONE OF FISSURING
Happy Jack Tunnel
6100
6000
5900
6200
6300
6400
6500
LEGEND
ALLUVIUM
PORPHYRY
SHALE
QUARTZITE
SHALE - THIN BEDDED
FISSURE WITH STRIKE AND DIP
BEDDING STRIKE
DUMP
0 100 200 400 600 800 1000
SCALE OF FEET
CONTOUR INTERVAL 20 FEET.
U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Fig. 2 b
Proj. No.
Geology and Topography
SHEET 1 OF 2
ESTHER & BLAINE MINES
TOOELE COUNTY, UTAH
ENGINEER:
DATE: DEC. 9, 1949
TRACED: DEC., 1949, BY: A.P.T.S.
CHECKED:
1500 - 859 a - B