OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 1 1960

DATE	INITIALS	CODE
2/1	RCW	225
"	EED	800
"	Griswold	500
		225

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado

January 28, 1960

Chief Consolidated Mining Company
608 Dooley Building
Salt Lake City, Utah

Re: Docket No. DMEA 1&1A (Lead-Zinc)
Contract No. Idm-E4
(Chief No. 1 mine)
Juab and Utah Counties, Utah

Gentlemen:

In reference to the "Certification by the United States of America of a Discovery or Development under an exploration Project Contract" and the instructions in the Washington Office letter of transmittal of the Certification on the captioned project, please indicate your answer to the following questions and return one copy of the questionnaire immediately to this office.

Very truly yours,
Original signed by

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

1. Has the property been sub-leased or any change made in ownership other than this office has been notified? Yes ___ No___. If yes, please furnish details of the transaction on a separate sheet and include a true or signed copy of any instrument that was executed in conjunction with the matter:

2. Has there been production from the land subordinated under the referenced contract since ~~January 1, 1959~~? Yes___ No___. If yes, and shipments made, who was the purchaser? _____

3. Is any of the following material stockpiled? Yes___ No___.

(a) Ore, Tons _____ Estimated grade _____
(b) Concentrates, lbs. _____ Estimated grade _____
(c) Low grade ore, tons _____ Estimated grade _____
Place stockpiled _____

Signed _____

Title _____ Date _____

TMR:ltm **cc: Chmn. Op. Comm.** **Roy. Corres. E4** **Chron.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Building 20 - Federal Center
Denver 25, Colorado
February 12, 1960

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 15 1960

DATE	INITIALS	CODE
2-15	gad	220
"	[illegible]	110
"	[illegible]	800
2/16	gla	500
		225

Memorandum

TO: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Certified Projects Inactive During Reporting Period

Enclosed are statements in lieu of reports of examination on the following certified projects which status has not changed since the last report:

DMEA 1&1A ✓ Idm-E4	Chief Consolidated Mining Company Juab & Utah Counties, Utah
DMA 86 ✓ Idm-E7	Combined Metals Reduction Company Tooele County, Utah
DMA 1050 ✓ Idm-E35	The Utze Lode Company Chaffee County, Colorado
DMEA 2517 ✓ Idm-E413	Defender Mining Company Custer County, Colorado
DMEA 2280 ✓ Idm-E448	The Utze Lode Company Chaffee County, Colorado
DMEA 2713 ✓ Idm-E566	Robert F. Blum Clear Creek County, Colorado
DMEA 3826 ✓ Idm-E883	Western Development Company Santa Fe County, New Mexico

J. W. Townsend

Enclosures

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period January 1, 1959 to February 2, 1960
Docket and Contract Number DMEA 1&1A, Idm-E4 (Lead-Zinc)
Operator Chief Consolidated Mining Co. (Chief No. 1 mine)
Juab & Utah Counties, Utah

The project has been inactive during the reporting period [x]

Pertinent data relative to the subject contract has remained unchanged since the last report [x]

Remarks:

The Operator reported there was no production from the subordinated land during the reporting period.

Signed T M Romslo
T. M. Romslo

Date February 12, 1960

OFFICIAL FILE COPY
O. M. E.
RECEIVED FEB 6 1959

DATE	INITIALS	CODE
2-6	C	220
"	gd	110
2/9	EET	800
2/9	WPB	500
		225

OME, REGION III

Statement in Lieu of Semiannual Report

Reporting Period — July 1, 1958 through December 31, 1958
Docket and Contract Number — DMEA-1 & 1A, Contract Idm-E4
Operator — Chief Consolidated Mining Co.

(Chief No. 1 Mine)(Lead-Zinc)

The project has been inactive during the reporting period [X]

Pertinent data relative to the subject contract has remained unchanged since the last report [ ]

Remarks:

On the inspection trip of January 20, 1959, the mine was found to have been inactive during the reporting period.

Signed M. H. Howes
M. H. Howes

Date January 28, 1959

September 10, 1958

Memorandum

To: Wingfield R. Chamberlain, Statistics Branch

From: W. R. Griswold, Director
Division of Base Metals

Subject: Semi-annual reports on certified projects, period January 1 to June 30, 1958

The following projects were inactive during the cited period:

DMSA	1088,	Lib-2	122	- Shelton Mining Co.
"	2485	"	325	- Dale Mining Co.
"	1098	"	134	- Combined Metals Reduction Co.
"	1371	"	48	- National Lead Co.
"	1094	"	16	- Maildriver Mining Co.
"	989	"	131	- Harrington Mines Co.
"	2309	"	295	- Comet Mines, Inc.
"	1923	"	340	- United Mining Development Co.
"	2341	"	436	- Western States Copper Corp.
"	3385	"	739	- Elkhorn Cons., Inc.
"	2672	"	437	- Dunn Page Auto Co.
"	1 & 1A	"	4	- Chief Cons. Mining Co.

W. R. Griswold

WRG/irm

Copies for each docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 7, 1958

		CODE
8/11	J. G.	225
"	Code	100
"	Fy	110
		800
	Copy	500

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1958 through June 30, 1958

DMEA Docket 1 and 1A (Lead-Zinc)
Contract Idm-E 4
Chief Consolidated Mining Co. (Chief No. 1 mine)
Utah and Juab Counties, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

Alternate Acting Executive Officer, DMEA
Field Team, Region III

Enclosures
dz

cc: Semiannual Report File E 4
DMEA/SLC
Harshman
Chron.

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period January 1, 1958 through June 30, 1958
Docket and Contract Number DMEA-1 and 1A, Contract Idm-E4
Operator Chief Consolidated Mining Co.

The project has been inactive during the reporting period [X]

Pertinent data relative to the subject contract has remained unchanged since the last report [ ]

Remarks: On the inspection trip of July 15, 1958, the mine was found to have been inactive during the reporting period

Signed M. H. Howes
M. H. Howes

Date August 4, 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 7, 1958

AUG 11 1958

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period
January 1, 1958 through June 30, 1958
DMEA Docket **1 and 1A (Lead-Zinc)**
Contract Idm-E 4
Chief Consolidated Mining Co. (Chief No. 1 mine)
Utah and Juab Counties, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

Original signed by
J. W. TOWNSEND

Alternate Acting Executive Officer, DMEA
Field Team, Region III

Enclosures
dz

cc: Semiannual Report File E 4
DMEA/SLC
Harshman
Chron.

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period **January 1, 1958 through June 30, 1958**
Docket and Contract Number **DMEA-1 and 1A, Contract Idm-E4**
Operator **Chief Consolidated Mining Co.**

The project has been inactive during the reporting period [X]

Pertinent data relative to the subject contract has remained unchanged since the last report [ ]

Remarks: **On the inspection trip of July 15, 1958, the mine was found to have been inactive during the reporting period.**

M. H. Howes

Signed **M. H. Howes**

August 4, 1958

Date

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code

April 28, 1958

Memorandum

To: Wingfield Chamberlain, Statistics Branch
Division of Operation Control & Statistics

From: Director, Division of Base Metals

Subject: Semi-Annual Reports of Certified Projects for the Period July 1, 1957 thru December 31, 1957.

The following projects were inactive during the cited period.

Docket No.	Contract No.	Name
DMEA-1 & 1A	Idm-E4	Chief Consolidated Mining Company
DMEA-989	Idm-E131	Harrington Mines, Company
DMEA-1094	Idm-E16	Naildriver Mining Company
DMEA-1098	Idm-E13½	Combined Metals Reduction Company
DMEA-1708	Idm-E229	Kentucky-Utah Mining Company
DMEA-2603	Idm-E428	Magna King Manganese Mining Company
DMEA-2653	Idm-E477	U. S. Smelting, Refining & Mining Company
DMEA-2672	Idm-E437	Duke Page Auto Company
DMEA-2887	Idm-606	Gordon French
DMEA-3266	Idm-E733	Big Indian Uranium Corporation
DMEA-3288	Idm-E667	Alaska Copper Mines, Inc.

W. R. Griswold

W. R. Griswold

WRG/er
Copy to: Dockets(11)
Admr R File
Chron.

8623

DEFENSE MINERALS EXPLORATION ADMINISTRATION
January 1 - June 30, 1957

Base Metals Division Date 2/13/58

Semi-Annual Report - Certified Project Date

DMEA No. 1 & 1A Operator Chief Consolidated Mining Company Contract No. Idm-E 4

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	675,000	Zn 6.8, Pb 5.5, Ag 5.1, Au. .02
Increase (Operator)		
Total		
Decrease (Production)	155,222	
Net Available	519,778	

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

W. R. Griswold/er

100338

OMEA

7/28 C 220
Gy 110
WPM 500

FINAL DISTRIBUTION

MADE JUL 24 1958

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

Administrative Audit Difference Statement

Chief Consolidated Mining Co.
608 Dooley Building
Salt Lake City, Utah

Date: July 21, 1958
Payee's Reference: March 1958

Gentlemen:

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

Amount Claimed	$	6,173.56
Difference	$	55.76
Amount Approved	$	6,117.80

The reason for the difference was due to:

Under the provisions of the Termination Agreement, only those salvage costs incurred on and subsequent to January 30, 1956, are allowable. Review of the Operator's records reveals that the reported costs for January 1956 were incurred prior to January 30, 1956, and are therefore not allowable.

Disallowed, Reported Salvage Cost For January 1956

Direct Labor	$53.13
Workmen's Compensation Insurance ($53.13 X .0496)	2.63
Total amount disallowed	55.76

Withhold an amount of $1,500.00 from reimbursement to the Operator pending liquidation of the balance of jointly owned equipment.

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

Very sincerely yours,

N. E. Stokes
Audit Section

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

224 New Customhouse
Denver 2, Colorado
July 17, 1958

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 1 and 1A (Lead-Zinc) Contract Idm-E4, Chief Consolidated Mining Co., (Chief No. 1 mine) Juab County, Utah - Salvage costs for the period from January 1956 through February 1958 (Voucher dated March 1958)

Enclosed are the original and four copies of Forms MF-104 and MF-104A, with supporting cost data, covering reported costs incurred in connection with the salvage of jointly-owned equipment acquired under the contract. Also enclosed are the following relative data:

1. Original and four copies of Operator's covering letter dated April 23, 1958.

2. Original and four copies each of two memoranda from the inspecting engineer, dated May 15, 1958, and July 7, 1958.

3. Five copies each of two letters from the Chairman, Operating Committee, DMEA, dated May 2, 1958, and May 16, 1958.

Under the provisions of the Termination Agreement, only those salvage costs incurred on and subsequent to January 30, 1956, are allowable. Review of the Operator's records reveals that the reported costs for January 1956, were incurred prior to January 30, 1956, and are therefore not allowable.

<u>Disallow, Reported Salvage Cost for January, 1956</u>

Direct Labor----------	$53.13
Workmen's Compensation Insurance ($53.13 x.0496)----	2.63
Total amount to be disallowed----------	$55.76.

Withhold an amount of $1500.00 from reimbursement to the Operator pending liquidation of the balance of jointly owned equipment.

Reconciliation with Amount Reported by the Operator on Form MF-104 for Salvage Costs for the period January, 1956 through February, 1958

Amount reported on Form MF-104	$6173.56
Amount to be disallowed	55.76
Acceptable salvage costs	$6117.80
Government participation at 50 percent	$3058.90
Amount to be withheld	1500.00
Balance due the Operator	$1558.90

Original signed by
J. W. TOWNSEND
J. W. Townsend

Enclosures

JDC:hmh

cc: Chmn. Op. Comm. (2)
DMEA/SLC
MF-104 file, Reg. III

Harshman (2)) w/copy of Corres. listed
Cooper (2)) in item 2
Corres.file, Reg. III) above

DMEA Auditor(Brading)) w/copy of Corres. listed in items 2 and 3 above

Chron

53 A
T
(20)

Chief Consolidated Mining Co.

608 Dooly Building
Salt Lake City, Utah

April 23, 1958

DMEA
DEPARTMENT OF THE INTERIOR
APR 24 1958
REGION III
DENVER, COLORADO

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
Defense Minerals Exploration Adm.
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 1 and 1A (Lead-Zinc)
Second Amended Contract Idm-E4
Termination Agreement Dated
January 30, 1956

Dear Mr. Harshman:

This will advise you that the salvage operation in connection with the above cited contract was completed during Feb., 1958, and all of the jointly owned equipment, which has not already been sold, is now on the surface at our property in Eureka, Utah.

In accordance with Mr. W. M. Traver's letter of June 22, 1956, we enclose the original and four copies of Form Mf 104 and MF 104-A and substantiating data.

If these meet with your approval, will you kindly have the same processed so that we may be reimbursed for the Government's share in this additional cost.

Very truly yours

W. W. Watson
Vice President

WWW:ALC
Encs.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

INTERMOUNTAIN
EXPERIMENT STATION

DMEA
DEPARTMENT OF THE INTERIOR
MAY 16 1958
REGION III
DENVER, COLORADO

1600 EAST 1ST SOUTH STREET
SALT LAKE CITY, UTAH

May 15, 1958

Memorandum

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

From: M. H. Howes

Subject: Docket No. DMEA-1 and 1A (Lead-zinc), Contract Idm-E4, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms showing costs for salvage of jointly owned equipment

Five sets of forms MF-104 and MF-104A, together with supplementary data showing detailed labor costs and summarized cost statement for costs incurred in salvaging jointly owned equipment subsequent to and under the terms of the Termination Agreement, have been received from the subject company.

W. W. Watson, vice president of the Chief Consolidated Mining Co., reports that salvage of all jointly owned equipment which has not already been sold was completed during February 1958, and that this equipment is now on the surface at the company's property in Eureka, Utah.

After a close examination of the detailed costs as submitted, it is concluded that these costs were necessary and reasonable. A labor charge of $53.13 for January 1956 is included in the statement. According to the Termination Agreement, costs of disposal of jointly owned equipment are not allowable prior to January 30, 1956. Therefore, the above charge of $53.13 is not allowable, nor the charges of $4.22 for payroll taxes on the $53.13 charge.

It is recommended that the operator be reimbursed $3,068.10, which is 50 percent of $6,116.21, the allowable cost of the salvage operation ($6,173.56 less $53.13 for January 1956 labor, less $4.22 for payroll taxes on $53.13).

M. H. Howes
M. H. Howes

Enclosures

cc: J. R. Clemmer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III

INTERMOUNTAIN
EXPERIMENT STATION

DMEA
DEPARTMENT OF THE INTERIOR
JUL 8 - 1958
REGION III
DENVER, COLORADO

1600 EAST 1ST SOUTH STREET
SALT LAKE CITY, UTAH

July 7, 1958

Memorandum

To: J. W. Townsend, Alternate Acting Executive Officer, DMEA Field Team, Region III

From: M. H. Howes

Subject: Docket No. DMEA-1 and 1A (Lead-zinc), Contract Idm-E4, Chief Consolidated Mining Co. (Chief No. 1 mine), Juab County, Utah

In reply to memorandums of May 19 and June 19, 1958, the operator's payroll records have been checked and found to conform to recommendations in my memorandum of May 15, 1958. The operator's reported labor costs for January 1956 are not allowable because that work was done prior to January 30, 1956.

M. H. Howes

M. H. Howes

cc: J. B. Clemmer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 500

DMEA
DEPARTMENT OF THE INTERIOR
MAY 5 1958
REGION III
DENVER, COLORADO

MAY 2 1958

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-1 & 1A (Lead-Zinc)
Chief Consolidated Mining Company
Chief No. 1 Mine
Juab and Utah Counties, Utah
Second Amended Contract No. Idm-E4

Dear Mr. Harshman:

We have your memorandum of April 25, 1958, with enclosure, relative to salvage costs submitted by the cited Operator. Beyond doubt it was advisable that the jointly owned equipment be brought to the surface, rather than having been left underground to suffer rapid deterioration.

We suggest that you reimburse this Operator for about half of the Government's share of the salvage expense, and make settlement of the balance as equipment is liquidated.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

W. P. Williams
Member, Geological Survey

5-5-58 Copies distributed to:
Harshman (2)
DMEA, SLC (File)
C.A.A.D. (Binding)
Townsend
Loives, File, Reg. III
Cooper (E)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C. 500

DMEA
DEPARTMENT OF THE INTERIOR
MAY 19 1958
REGION III
DENVER, COLORADO

MAY 16, 1958

Mr. E. N. Harshman
Acting Executive Officer
DMEA Field Team, Region III
224 New Customhouse Bldg.
Denver 2, Colorado

Re: Docket No. DMEA-1 & 1A (Lead-Zinc)
Chief Consolidated Mining Company
Chief No. 1 Mine
Juab and Utah Counties, Utah
Second Amended Contract No. Idm-E4

Dear Mr. Harshman:

We have your memorandum of May 9, 1958, regarding the Government participation in salvage costs pertaining to the cited project. We fully agree that this should be 50 per cent, as you suggest.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

APPROVED:

Frank D. Lamb
Member, Bureau of Mines

Thor H. Gilsgaard
Member, Geological Survey

5-19-58 Copies distributed to:
Harshman (2)
DMEA, FLC
Townsend
Corvas file, Reg III
Cooper (5)

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JUL 28 1958

OPERATOR'S MONTHLY REPORT AND VOUCHER

TERMINATION AGREEMENT, DATED JANUARY 30, 1956

Month of March, 1958 Docket No. DMEA 1 and 1A Contract No. Idm-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Building, Salt Lake City, Utah
Contract Amount, $ Government Participation: 50 % Amount, $

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) 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):						
Salvage of Pumping Equipment	6173.56	none	6173.56			
TOTALS	6173.56		6173.56	6,173.56		6,173.56

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

Date April 23, 1958 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Vice President

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

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

(Instructions on reverse)

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

$1558.90

Signature (Authorized Certifying Officer)

Date 7/18/58 Vou. No. DMA 59-5

(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-E4 in accordance with the terms of the contract.

Signature M. H. Howes Title Mining Engineer Date May 14, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Checked for Engineering Allowability

Signature J. W. Lemmond Title Alternate Acting Executive Officer Date JUL 16 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED JUL 28 1958 D.M.E.A.

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

TERMINATION AGREEMENT, DATED JANUARY 30, 1956

Month of March 195 8 Docket No. DMEA 1 and 1A Contract No. 1Am-9A
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Deely Building, 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								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Salvage of Pumping Equipment		6,173.56	--	6,173.56				
TOTAL COSTS								

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

Date April 23, 1958 Operator Chief Consolidated Mng. Co.
Per W. W. Watson Title Vice President

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

REMARKS:

(Instructions on reverse)

(For Government use only)

M. L. Howes
Mining Engineer
May 14, 1958

DMEA
DEPARTMENT OF THE INTERIOR
APR 24 1958
REGION III
DENVER, COLORADO

INSTRUCTIONS

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

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

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

GPO 872894

CHIEF CONSOLIDATED MINING COMPANY
608 Dooly Building
Salt Lake City, Utah

Summarized Statement of Cost of Salvaging Jointly owned Equipment incurred subsequent to and under terms of Termination Agreement, dated January 30, 1956, Docket DMEA 1 and 1A, Second Amended Contract Idm-E4

Item	Amount	Total
Direct Labor Year 1956 per detail attached	$ 745.00	
" " " 1957 " " "	64.39	
" " " 1958 " " "	4,720.98	
Total Direct Labor		$5,530.37
Sundry Supplies 1958		34.76
Proportion of Hoisting Electric Power 1958		160.30
Social Security Taxes Paid, 1956 ($745.00 x .02)	14.90	
" " " " 1957 ($64.39 x .0225)	1.45	
" " " " 1958 ($4,720.98 x .0225)	106.22	
Total Social Security Taxes		122.57
Unemployment Compensation Taxes 1956 ($745.00 x 1.0%)	7.45	
" " " 1957 ($64.39 x 1.8%)	1.16	
" " " 1958 ($4720.98 x 2.1%)	99.14	
Total Federal and State		107.75
Workmen's Compensation Insurance 1956 ($745.00 x .0496)	36.95	
" " " 1957 ($64.39 x .05933)	3.82	
" " " 1958 ($4720.98 x .0375)	177.04	
Total Workmen's Compensation Insurance		217.81
Total		$6,173.56

CHIEF CONSOLIDATED MINING COMPANY
608 Dooly Building
Salt Lake City, Utah

Detail of Labor expended in salvaging jointly owned Equipment incurred subsequent to and under terms of Termination Agreement, dated January 30, 1956 Docket DMEA 1 and 1A, Second Amended Contract Idm-E4

Occupation	Shifts	Rate	Amount	Over-time	Diff. Pay	Total
JANUARY, 1956						
Underground Mechanic	1	$13.20	$ 13.20			$ 13.20
" "	2 3/4	14.52	39.93			39.93
Total			$ 53.13			$ 53.13
SEPTEMBER, 1956						
Underground Mechanic	5 7/8	$16.00	$ 94.00			$ 94.00
" "	2	16.02	32.04			32.04
" Laborer	1 7/8	14.34	26.89			26.89
Total			$152.93			$152.93
OCTOBER, 1956						
Underground Mechanic	1	$16.00	$ 16.00			$ 16.00
" Laborer	1	15.54	15.54			15.54
" Mechanic	1	16.00	16.00			16.00
Total			$ 47.54			$ 47.54
NOVEMBER, 1956						
Underground Mechanic	12	$16.00	$192.00			$192.00
" Laborer	10	15.54	155.40			155.40
" Mechanic	9	16.00	144.00			144.00
Total			491.40			$491.40
FEBRUARY, 1957						
Electrician	3/8	$16.02	$ 6.01			$ 6.01
" Helper	3/8	14.10	5.29			5.29
Total			$ 11.30			$ 11.30
MARCH, 1957						
Electrician	1 3/8	$16.02	$ 22.04			$ 22.04
" Helper	1 3/8	14.10	19.39			19.39
Utility Truck Driver	3/4	15.54	11.66			11.66
Total			$ 53.09			$ 53.09
JANUARY, 1958						
Mechanic Helper	13	$14.10	$183.30			$183.30
" "	1	14.10	14.10			14.10
" "	12	14.10	169.20			169.20
" "	11½	14.10	162.15			162.15
" "	13	14.10	183.30			183.30
" "	7	14.10	98.70			98.70
Shift Boss	4	18.50	74.00		1.60	75.60
Mechanic Helper	13	14.10	183.30			183.30
" "	11½	14.10	162.15			162.15
" "	8	14.10	112.80			112.80
" "	12	14.10	169.20			169.20
" "	12	14.10	169.20			169.20
" "	1	14.10	14.10			14.10
" "	4	14.10	56.40		1.60	58.00
" "	4	14.10	56.40		1.60	58.00

Occupation	Shifts	Rate	Amount	Over-time	Diff. Pay	Total
JANUARY, 1958 (Cont.)						
Mechanic Helper	5	$14.10	$ 70.50		$2.00	$ 72.50
" "	5	14.10	70.50		2.00	72.50
" "	5	14.10	70.50		2.00	72.50
" "	2	14.10	28.20			28.20
" "	5	14.10	70.50		2.00	72.50
Hoistman	10 3/16	16.02	163.20			163.20
Shaftman	13/16	16.02	13.02			13.02
"	13/16	16.02	13.02			13.02
Mechanic Helper	7/16	14.10	6.17			6.17
" "	7/16	14.10	6.17			6.17
" "	7/16	14.10	6.17			6.17
" "	7/16	14.10	6.17			6.17
Hoistman	5 3/4	16.02	92.12		2.30	94.42
Truck Driver	6 9/16	15.54	101.98	3.40		105.38
Mechanic Helper	6. 7/8	14.10	96.94			96.94
Shift Bosses			328.13			328.13
Total			$2,951.59	$3.40	$15.10	$2,970.09
FEBRUARY, 1958						
Shaftman	7 1/16	16.02	$113.14	$ .50		$113.64
"	7 1/16	16.02	113.14	.50		113.64
Mechanic Helper	7 1/16	14.10	99.58	.44		100.02
" "	7 1/16	14.10	99.58	.44		100.02
" "	7 1/16	14.10	99.58	.44		100.02
" "	7 1/16	14.10	99.58	.44		100.02
" "	7 1/16	14.10	99.58	.44		100.02
" "	7 1/16	14.10	99.58	.44		100.02
" "	6 1/16	14.10	85.48	.44		85.92
Hoistman	9 1/16	16.02	145.18	.50		145.68
Truck Driver	5 13/16	15.54	90.33	6.31		96.64
Mechanic Helper	4 1/16	14.10	57.28	.44		57.72
Hoistman	4.1/16	16.02	65.08	.50		65.58
Mechanic Helper	2 5/8	14.10	37.01			37.01
Hoistman	2 5/8	16.02	42.05			42.05
"	1 5/16	16.02	21.03			21.03
Truck Driver	1 3/4	15.54	27.20	2.91		30.11
Shift Boss			341.75			341.75
			$1,736.15	$14.74		$1,750.89
GRAND TOTAL						$5,530.37

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

April 11, 1958

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DMEA
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DATE	INITIALS	CODE
4/15	HS	225
15	[illegible]	100
"	FEG	110
4/18	[illegible]	800
		[redacted]
4/22	[illegible]	500

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period
July 1 - December 31, 1957

DMEA Docket 1 and 1A
Contract Idm-E4 (Lead-Zinc)
Chief Consolidated Mining Company
(Chief Consolidated Mine) Utah and Juab Counties, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office, Memorandum 29, and Special Notice in Minutes of Operating Committee Meeting No. 692.

E. M. Harshman

Acting Executive Officer, DMEA
Field Team, Region III

Enclosures

cc: Semiannual Report File E-4
Harshman
DMEA/SLC
Chron.

Semiannual Report of Certified Projects

Reporting Period	July 1, 1957 through December 31, 1957
Docket and Contract Number	DMEA-1 & 1A, Contract Idm-E4
Operator	Chief Consolidated Mining Company
Commodity	Lead-Zinc
Mine Name	Chief Consolidated Mine
County and State	Utah and Juab Counties, Utah
Date of Contract	June 13, 1951
Date of Certification	February 17, 1956
Expiration Date of Royalty Payments	June 13, 1966
Date of Examination for this Report	March 19, 1958
Total Amount of Contract	$463,420.00
Total Expenditures under Contract	$386,900.39

Amount of Government Participation at	50 %	of $350,874.83,	or	$175,437.42
	25%	of 36,025.56,	or	9,006.39
	TOTAL	$386,900.39,		$184,443.81

Royalty Payments this Period	None
Previous Royalty Payments	$127,035.90
Total Royalty Payments to Date	$127,035.90
% Loan Repayment Completed	68.9%
Amount of Royalty Due	None
Royalty Remarks	None

	Tons	% Analysis Pb	Zn	Oz Ag	Au
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [X] Survey [ ] Joint [ ]	446,000	5.785	7.122	5.266	0.023
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	601,430.284 (600,000)				

		Oz Au	Ag	% Pb	Zn
Increase of Reserves by work performed subsequent to DMEA project work	--				
Production DMEA (conc/ore) (This period)	None				
(Previous)	155,430.284	0.02	5.6	6.0	7.6
(To Date)	155,430.284	0.02	5.6	6.0	7.6
" Operator's (conc/ore) (This period)					
(Previous)					
(To Date)					

Percent Revised Reserves Mined 25.8%

(For Uranium Ores Only)

Initial Production Bonus:

Status Operator: Ineligible [ ] Not Applied [ ] Applied [ ] Rec'ing pmt [ ] Pd up [ ]

Pounds U_3O_8 produced this period eligible for Bonus

Amount of Bonus paid to Operator this period $

Total pounds U_3O_8 produced to date eligible for Bonus

Total amount of Bonus paid to Operator to date $

Bonus Royalty Paid $

Bonus Royalty Due $

Investment Data

Shafts Size	Feet	Cost	Winzes Size	Feet	Cost	Drifts & Crosscuts Size	Feet	Cost
-	-	-	-	-	-	-	-	-

Raises Size	Feet	Cost	Rehabilitation Description	Cost	Type & Size	Drilling Feet	Cost
-	-	-	-	-	-	-	-

Facilities

Mine Plant Description	Cost	Mill Description	Cost	Roads Description	Cost
-	--	-	-	-	-

Remarks

Disposal of jointly owned equipment is not complete.

Signed W. H. Howes (Engineer)

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

RECEIVED
JUN 15 1955

224 New Customhouse
Denver 2, Colorado

June 13, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 1 and 1A (Lead-Zinc), Amended Contract Idm-E4
Chief Consolidated Mining Company, Juab 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, 1955.

W. M. TRAVER

Enclosures

W. M. Traver

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

RECEIVED
JUN 15 1955

224 New Customhouse
Denver 2, Colorado

June 1, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 1 & 1A (Lead-Zinc), Amended Contract Idm-E4, Chief Consolidated Mining Company, Juab County, Utah - Operator's Monthly Progress Report for the month of May, 1955

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 9, 1955
Date Received in Field Office.....May 24, 1955
Date Received in Region Office.....May 27, 1955

W. M. Traver

Enclosures

RDB:sr

cc Sec. Op. Comm. (2)
Wilson
Subject
Chron

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

RECEIVED
DMEA
Date Rec'd JUN 15 1955

MAY 27 1955
BUREAU OF MINES
Denver, Colorado

May 25, 1955

Memorandum

To: W. M. Traver, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA 1 and 1A (Lead-zinc), Contract Idma-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for May 1955

Enclosed are the original and four copies of MF-104 forms and other information pertaining to work accomplished under the subject contract during May 1955. Contract work was suspended May 4, 1955. The property was inspected by W. E. Young May 3, 1955. The operator has reported a total winze advance of 7.7 feet during May. The advance was verified by the inspecting engineer.

Information submitted in the operator's report is in conformance with suggestions contained in a memorandum from the Executive Officer dated January 28, 1954. It is believed that all information requested is included with the MF-104 forms and separate breakdown sheets. Work reported for May 1955 conforms to contract terms, and it is recommended that the operator be reimbursed in the manner shown in the inspecting engineer's progress report, subject to action on an amendment request submitted by the operator. A letter from the operator dated May 18, 1955, contains a request for modification of work description to permit drifting on the 3,000-foot level in lieu of drifting on the 3,100-foot level. Recommendations concerning this request are pending in the field.

The operator's report for May 1955 was received in this office May 24, 1955.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

cc: J. Bruce Clemmer

S. R. Wilson May 25, 1955

W. E. Young

RECEIVED
JUN 15 1955

Docket No. DMEA 1 and 1A (Lead-zinc), Contract Idma-24, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for May 1955

The subject property was inspected on May 3, 1955. The progress reported for May 1955 has been made. The total depth of the shaft below the 2700-foot level is 381.0 feet. The sump was 40 feet deep at the start of the sinking operation. Accomplishments are: 331.7 feet of sinking, 77 feet under the original and First Amended contracts and 254.7 feet under the Second Amended contract.

The Second Amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the original and First Amended contracts pertaining to Projects 1 and 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the original and First Amended contracts.

3. MF-104 and MF-104A forms for summary of Project 1A, shaft sinking, for the period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the original and First Amended contracts.

4. MF-104 and MF-104A forms for the month of May 1955, pertaining to costs on an agreed unit-cost basis under the Second Amended contract.

Payment is approved for $636. This is 85 percent of $2,772, the contract costs for 7.7 feet of advance in May 1955.

W. E. Young

W. E. Young

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

U. S. Bureau of Mines
RECEIVED
MAY 24 1955
Salt Lake City, Utah

SUMMARY

OPERATOR'S MONTHLY REPORT AND VOUCHER

Project No. 1

Month of 6/13-51 to 6/30-, 195 3 Docket No. DMEA 1 & 14 Contract No. 10-24
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Deely Bldg., Salt Lake City, Utah
Contract Amount, $ 309,671.21 Government Participation: 50 % Amount, $

RECEIVED
JUN 15 1955

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting & Raising			44,416.06			
(2) Labor and Supervision:						
Labor			1,645.82			
Disallowed by Audit July 3, 1952			1,586.35			
Adjustment per Audit June 27, 1951			59.47			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives			11.73			
Pipe						
Track						
Other			149.70			
Pumping System			240,705.59			
(4) Operating Equipment:						
Rental Grouting machine			536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes			44.33			
Liability Insurance						
Workmans' Compn. Insur.			111.99			
(8) Contingencies (specify):						
Applicable Compressing Etc.			11,892.95			
" Hoisting			4,416.48			
" Pumping			5,747.77			
TOTALS			307,438.85			307,438.85

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 9-1955 *Payee Chief Consolidated Mining Co.
Per W. W. Watson Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Project No. 1- Charges on a cost incurred basis under original and First Amended Contract.

(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-E4 in accordance with the terms of the contract.

Signature W. E. Young Jr. Title Mining Engineer Date May 25, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature [illegible] Title Executive Officer Date JUN - 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUMMARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

PROJECT No. 1

RECEIVED
JUN 15 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of 6/13-51 to 1955 6/30-55 Docket No. DMEA 1 & 11 Contract No. [illegible]
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 603 Cooly Bldg., 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				59,329.93	1663.0	35.68		
Crosscutting								
Raising				7,409.33	300.0	24.69		
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Pumping System				240,705.59				
Total Distributed Costs				307,440.85				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				307,440.85				

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

Date May 9-1955 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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)

Project No. 1 - Costs and accomplishments on a cost incurred basis under original and First Amended Contracts.

W. E. Young
Mining Engineer

INSTRUCTIONS

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

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

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

GPO 872894

Project Nos. 1 & 1-A

Summary of charges on a cost incurred basis under original and First Amended Contracts.

- - - - - -

RECEIVED
JUN 15 1955

Operation		accepted costs to April 30,1952		MF-104 for May-1952		MF-104 for June-1952		MF-104 for June-1953		Total
Project No. 1										
Pumping System		$240,705.59								$240,705.59
Raising	2/	7,403.33								7,403.33
Drifting	2/	41,228.91		6,615.47		7,111.77		4,373.78		59,329.93
Project No. 1-A										
Shaft sinking	2/ 3/	34,692.98	3/	702.54			3/ 4/	883.09	3/	36,278.61
Total	1/	$324,030.81	1/	7,318.01	1/	7,111.77	1/	5,256.87	1/	343,717.46

1/ Totals and component amounts subject to Final Audit.

2/ Reflects deduction of $1,699.53 as per audit report and Certificate dated July 3,1952.

3/ Government participation 25%.

4/ Retroactive wage payment - (100% of $ 4,373.78 - $ 4,373.78
(50% of 883.09 - 441.54

Total $ 5,256.87 $ 4,815.32

W. E. Young
Mining Engineer

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

U. S. Bureau of Mines
RECEIVED
MAY 24 1955
Salt Lake City, Utah

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUMMARY

OPERATOR'S MONTHLY REPORT AND VOUCHER

Shaft Sinking
Project No. 1A

Month of ~~xxxx~~ 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1A Contract No. IDM-24
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 10,139.30 Government Participation: 50 % Amount, $ 9,069.65

RECEIVED
JUN 15 1955

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent / Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft sinking			22,788.59			
(2) Labor and Supervision:						
Labor			3,624.81			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other			3,700.45			
(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			95.00			
Liability Insurance						
Workmans' Compn. Insur.			239.85			
(8) Contingencies (specify):						
Applicable Compressing Etc.			3,017.59			
" Hoisting			1,831.36			
" Pumping		✓	981.92			
TOTALS			36,278.61			36,278.61

I certify that the above bill is correct and just and that payment therefor has not been received.
Date May 9-1955 *Payee Chief Consolidated Mining Co.
Per [signature] Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Shaft sinking Project No. 1-A charges on a cost incurred basis under original and First Amended Contracts.

(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. Mm-E4 in accordance with the terms of the contract.

Signature W. E. Young, Jr. Title Mining Engineer Date May 25, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature [illegible] Title Executive Officer Date JUN - 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUMMARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

SHAFT SINKING
Project No. 1-A
RECEIVED
JUN 15 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month 6/13-51 to 1956/30-53 Docket No. DMEA 1 & 1A Contract No. [illegible]
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., 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								
Raising								
Shafts sinking			1/	36,278.61	77.0	471.15	400.0	350.00 Est.
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs				36,278.61				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date May 9-1955 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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

(Instructions on reverse)

Remarks: 1/ Government participation at 50% of 50%

(For Government use only)

Shaft sinking, Project No. 1-A costs and accomplishments on a cost incurred basis under the original and First Amended Contracts.

W. E. Young
Mining Engineer

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.

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

GPO 872894

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

Budget Bureau No. 42-R1036.5

RECEIVED
JUN 15 1955

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

Month of May, 1955 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 190,822.50 Government Participation: 50 % Amount, $ 95,411.25

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) ~~Exploration~~ Contracts:						
Short Form						
~~Exploring~~ Sump & Pump Stat.						
~~Exploring~~ Raising)						
Crosscutting)						
Drifting)						
Shaft Sinking	1,386.00	44,280.00	45,666.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1,386.00	44,280.00	45,666.00	1,386.00	44,280.00	45,666.00

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

Date May 9-1955 *Payee Chief Consolidated Mining Co.

Per [signature] Title Secretary

*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.

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(Instructions on reverse)

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

$ 693.00

Signature [signature]
(Authorized Certifying Officer)

Date 6/7/55 Vou. No. DMA 55-96

(See other side)

Costs on an agreed unit cost basis under "Second Amended Contract."

(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-E4 in accordance with the terms of the contract.

Signature W. E. Young JRW Title Mining Engineer Date May 25, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature [illegible] Title Executive Officer Date JUN - 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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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".

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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).

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 15 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1955 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., 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.						3300	$ 34.00
Raising								
Shafts Sinking	ft.	1,386.00	7.7	45,666.00	254.7		323	180.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Sump & Pump Station a unit 3100 foot level								20,482.50
TOTAL DISTRIBUTED COSTS		1,386.00	7.7	45,666.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1,386.00		45,666.00				

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 May 9-1955 Operator Chief Consolidated Mining Co.

Per [signature] Title Secretary

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)

Costs and accomplishments on an agreed unit cost basis under the "Seond Amended Contract."

W.E. Young
Mining Engineer

INSTRUCTIONS

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

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

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

GPO 872894

RECEIVED
JUN 15 1955

CHIEF CONSOLIDATED MINING COMPANY
Eureka, Utah

PROGRESS REPORT - MONTH OF MAY 1955

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map.

On May 4th sinking operations in 18/411 Winze were suspended. The monthly advance and final elevation depth are noted below:

MINZING:

18/411 Winze (3 Compartments) -

Sunk from Elevation 3568.7 feet
to Elevation 3561.0 feet . . . . . 7.7 feet

Robert S. Steele
Chief Engineer
Chief Consolidated Mining Co.

May 4, 1955

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

RECEIVED
JUN 15 1955

224 New Customhouse
Denver 2, Colorado

June 13, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-1 and 1A (Lead-Zinc), Amended Contract Idm-E4, Chief Consolidated Mining Company, Juab County, Utah

Enclosed are two copies of the Operator's Monthly 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 April, 1955.

W. M. TRAVER

Enclosures

W. M. Traver

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

224 New Customhouse
Denver 2, Colorado

June 1, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 1 & 1A (Lead-Zinc), Amended Contract Idm-E4, Chief Consolidated Mining Company, Juab County, Utah - Operator's Monthly Progress Report for the month of April, 1955

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 4, 1955
Date Received in Field Office.....May 5, 1955
Date Received in Region Office.....May 9, 1955

Processing deferred pending advice from Washington office.

W. M. Traver

Enclosures

RDB:sr

cc Sec. Op. Comm. (2)
Wilson
Subject
Chron

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

DMEA
Date Rec'd.
MAY 9 1955

RECEIVED
JUN 15 1955
BUREAU OF MINES
Denver, Colorado

May 6, 1955

Memorandum

To: W. M. Traver, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA-1 and 1A (Lead-zinc), Contract Idma-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for April 1955

Attached are the necessary copies of MF-104 forms and other information pertaining to work completed under the subject contract during April 1955. W. E. Young inspected the project May 3, 1955. The operator has reported a total advance of 67.0 feet in the 18-411 winze. The advance was verified by the inspecting engineer.

Information submitted by the operator is in conformance with suggestions contained in a memorandum from the Executive Officer dated January 28, 1954. It is believed that all information requested is included with the MF-104 forms and separate breakdown sheets. Work reported for April 1955 conforms to contract terms, and it is recommended that the operator be reimbursed in the manner shown in the inspecting engineer's progress report, subject to clarification of the present work suspension. Conversations with W. W. Watson, Secretary, Chief Consolidated Mining Co., have disclosed that sinking in the 18-411 winze was suspended May 3, 1955. No further clarification has been given.

The MF-104 forms were received in this office May 5, 1955.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

cc: J. Bruce Clemmer

S. R. Wilson

May 5, 1955

RECEIVED
JUN 1 5 1955

W. E. Young

Docket No. DMEA-1 and 1A (Lead-zinc), Contract Idma-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for April 1955.

This property was inspected on May 3, 1955. The progress reported for April has been made. The work conforms to terms of the contract.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the original and First Amended contracts pertaining to Projects No. 1 and 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951 to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the original and First Amended Contracts.

3. MF-104 and MF-104A forms for summary for Project No. 1A, shaft sinking, for the period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the original and First Amended contracts.

4. MF-104 and MF-104A forms for the month of April 1955, pertaining to costs on an agreed unit-cost basis under the Second Amended contract.

Payment is approved for $6,030. This is 25 percent of $24,120, the contract costs for 67 feet of advance in April 1955.

W. E. Young

W. E. Young

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U.S. RECEIVED MAY 5 1955 Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1955 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Company Minerals
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 190,822.50 Government Participation: 50 % Amount, $ 95,411.25

RECEIVED JUN 5 1955

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) [redacted] Contracts: Short Form						
[redacted] Sump & Pump Stat.						
[redacted] Raising						
Crosscutting						
Drifting						
Shaft Sinking	12,060.00	32,220.00	44,280.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	12,060.00	32,220.00	44,280.00	12,060.00	32,220.00	44,280.00

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

Date May 4-1955 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$ 6030.00

Signature [illegible] (Authorized Certifying Officer)

Date 6/7/55 Vou. No. 55-96

(See other side)

Costs on an agreed unit cost basis under "Second Amended Contract".

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Adm-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date May 5, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature [illegible] Title Executive Officer Date JUN - 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

RECEIVED
JUN 1 1955

Month of April 195 5 Docket No. DMEA 1 & 1A Contract No. IDM-34

Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc

Address 608 Dooly Bldg., 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.						3300	$ 34.00
Crosscutting								
Raising								
Shafts Sinking	ft.	12,060.00	67.0	44,280.00	247.0		323	180.00 1/
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sump & Pump Station a unit 3100 Foot Level								20,482.50
TOTAL DISTRIBUTED COSTS		12,060.00	67.0	44,280.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		12,060.00	67.0	44,280.00				190,822.50

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

Date May 4-1955 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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: 1/ 50% of total agreed unit cost.

(Instructions on reverse)

(For Government use only)

Costs and accomplishments on an agreed unit cost basis under the "Second Amended Contract".

W. E. Yan
Mining Engineer

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

CHIEF CONSOLIDATED MINING COMPANY
Eureka, Utah

RECEIVED
JUN 15 1955

PROGRESS REPORT - MONTH OF APRIL 1955

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map.

During the month of April, 1955, 18/411 Winze was extended in depth, as noted below:

WINZING:

18/411 Winze (3 Compartments) -

Sunk from Elevation 3635.7 feet
to Elevation 3568.7 feet . . . . . 67.0 feet

Robert E. Steele
Chief Engineer
Chief Consolidated Mining Co.

May 1, 1955

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. Bureau of Mines
Budget Bureau No. 42-R1036.5
RECEIVED
MAY 5 1955
Salt Lake City, Utah

SUMMARY

OPERATOR'S MONTHLY REPORT AND VOUCHER

Shaft Sinking
PROJECT no. 1A

Month of 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1A Contract No. IDM-E1

Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

RECEIVED
JUN 15 1955

Contract Amount, $ 18,139.30 Government Participation: 50 % Amount, $ 9,069.65

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						
Shaft sinking			22,788.53			
(2) Labor and Supervision:						
Labor			3,624.81			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other			3,700.45			
(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			95.00			
Liability Insurance						
Workmans' Compn. Insur.			239.85			
(8) Contingencies (specify):						
Applicable Compressing Etc.			3,017.59			
" Hoisting			1,531.36			
" Pumping		y	981.02			
TOTALS			36,278.61			36,278.61

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

Date May 4-1955 *Payee Chief Consolidated Mining Co.

Per [signature] Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Shaft sinking, Project No.1-A charges on a cost incurred basis under original and First Amended Contracts.

(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. Ddm-E4 in accordance with the terms of the contract.

Signature W. E. Young / GRW Title Mining Engineer Date May 5, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature [illegible] Title Executive Officer Date JUN - 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

RECEIVED
JUN 15 1955
SHAFT SINKING

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUMMARY

OPERATOR'S UNIT COST AND PROGRESS REPORT

Project No. 1-A

Month of 6/13-51 to 6/30-53 Docket No. DMEA 1 & 1A Contract No. IDM-24
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., 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								
Raising								
Shafts Sinking				1/ 36,278.61	77.0	471.15	400.0	350.00 Est.
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs				36,278.61				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				36,278.61				

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

Date May 4-1955 Operator Chief Consolidated Mining Co.
Per W. W. Watson Title Secretary

Remarks: 1/ Government participation at 50% of 50%.

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)

Shaft Sinking, Project No. 1-A Costs and accomplishments on a cost incurred basis under the Original and First Amended Contracts.

W. E. Young
Mining Engineer

INSTRUCTIONS

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

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

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

GPO 872894

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED JUN 15 1955

RECEIVED MAY 9 1955

Salt Lake City, Utah

SUMMARY

OPERATOR'S MONTHLY REPORT AND VOUCHER

Project No. 1

Month of 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

Contract Amount, $309,078.91 Government Participation: 50 % Amount, $

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 & Raising			44,416.06			
(2) Labor and Supervision:						
Labor			1,645.82			
Disallowed by Audit July 3,1952 Supervision			1,699.53			
Adjustment per Audit June 27,1951 Technical Services			59.47			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives			11.73			
Pipe						
Track			149.78			
Other						
Pumping System			240,705.59			
(4) Operating Equipment:						
Rental Groating machine			536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis			44.33			
Payroll Taxes						
Liability Insurance						
Workmans' Compn. Insur.			111.99			
(8) Contingencies (specify):						
Applicable Compressing Etc.			11,292.95			
" Hoisting			4,416.48			
" Pumping			5,747.77			
TOTALS			307,438.85			307,438.85

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

Date May 4-1955 *Payee Chief Consolidated Mining Co.

Per [signature] Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Project No. 1- Charges on a cost incurred basis under Original and First Amended Contract.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Dm-E4 in accordance with the terms of the contract.

Signature W. E. Young Jr. Title Mining Engineer Date May 5, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature [illegible] Title Executive Officer Date JUN - 1 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUMMARY

OPERATOR'S UNIT COST AND PROGRESS REPORT

Project No. 1

~~Month of~~ 6/13-51 to ~~yr.~~ 6/30-53 Docket No. DMEA 1 & 1A Contract No. IDM-E1

Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc

Address 608 Dooly Bldg., 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				59,329.93	1663.0	35.68		
Crosscutting								
Raising				7,403.33	300.0	24.68		
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Pumping System				240,705.59				
Total Distributed Costs				307,438.85				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				307,438.85				

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

Date May 4-1955 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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

(Instructions on reverse)

Remarks:

(For Government use only)

Project No. 1 -Costs and accomplishments on a cost incurred basis under original and First Amended Contracts.

W. E. Young
Mining Engineer

INSTRUCTIONS

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

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

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

GPO 872894

Project Nos. 1 & 1A

Summary of charges on a cost incurred basis under Original and First Amended Contracts.

- - - - -

RECEIVED JAN 15 1955

Operation		Total accepted costs to April 30,1952	MF-104 for May-1952	MF-104 for June-1952	MF-104 for June-1953	Total
Project No. 1						
Pumping System		$240,705.59				$240,705.59
Raising	2/	7,403.33				7,403.33
Drifting	2/	41,228.91	6,615.47	7,111.77	4,373.78	59,329.93
Project No. 1-A						
Shaft Sinking	2/ 3/	34,692.98	3/ 702.54		3/ 4/ 883.09	36,278.61
Total	1/$	324,030.81	1/$ 7,318.01	1/ 7,111.77	1/ 5,256.87	1/ 343,717.46

1/ Totals and component amounts subject to Final Audit.

2/ Reflects deduction of $1,699.53 as per audit report and Certificate dated July 3,1952.

3/ Government participation 25%.

4/ Retroactive wage payment - (100% of $ 4,373.78 - $ 4,373.78
(50% of 883.09 - 441.54

Total $ 5,256.87 - $ 4,815.32

W. E. Young
Mining Engineer

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

Brownell
~~[illegible]~~
Belly

224 New Customhouse
Denver 2, Colorado

May 17, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 1 and 1A (Lead-Zinc), Amended Contract Idm-E4, Chief Consolidated Mining Company, San Juan County, Utah Operator's Monthly Progress Report, March, 1955

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 March, 1955.

W. M. TRAVER,

Enclosures

W. M. Traver

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

224 New Customhouse
Denver 2, Colorado

April 25, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subjeft: DMEA Docket 1 & 1A (Lead-Zinc), Amended Contract Idm-E4, Chief Consolidated Mining Company, Juan County, Utah - Operator's Monthly Progress Report for the month of March, 1955

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 11, 1955
Date Received in Field Office.....April 12, 1955
Date Received in Region Office.....April 22, 1955

W. M. TRAVER
W. M. Traver

Enclosures

RDB:sr

cc Sec. Op. Comm. (2)
Subject
Chron
Wilson

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

DMEA
Date Rec'd.
APR 22 1955
BUREAU OF MINES
Denver, Colorado

April 20, 1955

Memorandum

To: W. E. Traver, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA-1 and 1A (Lead-zinc), Contract Idma-24, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for March 1955

Attached are the necessary copies of MF-104 forms and other information pertaining to work completed under the subject contract during March 1955. W. E. Young inspected the project March 19, 1955. The operator has reported a total advance of 47.5 feet in the 18-411 winze. The advance was verified by the inspecting engineer.

Information submitted by the operator is in conformance with suggestions contained in a memorandum from the Executive Officer dated January 28, 1954. It is believed that all information requested is included with the MF-104 forms and separate breakdown sheets. Work reported for March 1955 conforms to contract terms, and it is recommended that the operator be reimbursed in the manner shown in the inspecting engineer's progress report.

The MF-104 forms were received in this office April 12, 1955.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

S. R. Wilson April 20, 1955

W. E. Young

Docket No. EMRA 1 and 1A (Lead-zinc), Contract Idma-24, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for March 1955

The subject property was inspected on March 19, 1955. The progress reported for March 1955 has been made. The total depth of the shaft below the 2700-foot level is 520 feet.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the original and First Amended contracts pertaining to Projects 1 and 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951, to June 30, 1952, showing charges and accomplishments on a cost-incurred basis under the original and First Amended contracts.

3. MF-104 and MF-104A forms for summary of Project 1A, shaft sinking, for the period June 13, 1951, to June 30, 1952, showing charges and accomplishments on a cost-incurred basis under the original and First Amended contracts.

4. MF-104 and MF-104A forms for the month of March 1955 pertaining to costs on an agreed unit-cost basis under the Second Amended contract.

Payment is approved for $2,137.50. This is 25 percent of $8,550.00, the contract costs for 47.5 feet of advance in March 1955.

W. E. Young

W. E. Young

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

Budget Bureau No. 42-R1036.5

RECEIVED
APR 12 1954
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUMMARY

OPERATOR'S MONTHLY REPORT AND VOUCHER

SHAFT SINKING
Project No.1-A

Month of 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1-A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 18,139.30 Government Participation: 50 % Amount, $ 9,069.65

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft Sinking			22,788.53			
(2) Labor and Supervision:						
Labor			3,624.81			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other			3,700.45			
(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			95.00			
Liability Insurance						
Workmans' Compn. Insurance			239.85			
(8) Contingencies (specify):						
Applicable Compressing Etc.			3,017.59		25%	
" Hoisting			1,831.36			
" Pumping		1/	981.02			
TOTALS			36,278.61			36,278.61

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

Date Feby. 8-1954 *Payee Chief Consolidated Mining Co.

Per [signature] Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Shaft Sinking, Project No.1-A charges on a cost incurred basis under Original and First Amended Contracts.

(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-E4 in accordance with the terms of the contract.

Signature W. E. Young JEW Title Mining Engineer Date Apr. 20, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Traver Title ~~Executive Officer~~ Date APR 25 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SHAFT SINKING
Project No. 1A

SUMMARY

Month of 6/13-51 to 6/30-53 Docket No. DMEA 1 & 1A Contract No. IDL-84
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., 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								
Crosscutting								
Raising								
Shafts Sinking				1/36,278.61	77.0	471.15	400.0	350.00Est.
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS				36,278.61				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				36,278.61				

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: 1/ Government participation at 50% of 50%

Date Feby. 4-1954 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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)

Shaft Sinking, Project No. 1-A -Costs and accomplishments on a cost incurred basis under the Original and First Amended Contracts.

W. E. Young

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

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

SUMMARY

Project No 1

~~Month of~~ 6/13-51 to 6/30-, 195 3 Docket No. DMEA 1 & 1A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Company Minerals Land-Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

Contract Amount, $ 309,078.91 Government Participation: 50 % Amount, $

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 & Raising			44,416.06			
(2) Labor and Supervision:						
Labor			1,645.82			
Disallowed by Audit July 3, 1952			1,699.53			
Adjustment per Audit June 27, 1951			59.47			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives			11.73			
Pipe						
Track						
Other			149.78			
Pumping system			240,705.59			
(4) Operating Equipment:						
Rental Grouting machine			536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes			44.33			
Liability Insurance						
Workmans' Compn. Insurance			111.99			
(8) Contingencies (specify):						
Applicable Compressing Etc.			11,292.95			
" Hoisting			4,416.48			
" Pumping			5,747.77			
TOTALS			307,438.85		307,556.15	

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

Date Apr. 11, 1955 *Payee Chief Consolidated Mining Co.

Per W. G. Watson Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Project No. 1- Charges on a cost incurred basis under Original and First Amended Contract.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. dm-E4 in accordance with the terms of the contract.

Signature W. E. Young SRW Title Mining Engineer Date Apr. 20, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Inaire Title Executive Officer Date APR 25 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SUMMARY

OPERATOR'S UNIT COST AND PROGRESS REPORT

Project No. 1

Month of 6/13-51 to 6/30-53 Docket No. DMEA 1 & 1A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc

Address 608 Dooly Bldg., 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				59,329.93	1663.0	35.68		
Crosscutting								
Raising				7,403.33	300.0	24.68		
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Pumping System				240,705.59				
TOTAL DISTRIBUTED COSTS				307,438.85				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				307,438.85				

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

Date April 11-1955 Operator Chief Consolidated Mining Co.

Per W. M. Watson Title Secretary

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)

Project No. 1 - Costs and accomplishments on a cost incurred basis under Original First Amended Contracts.

W. E. Young SRW

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

Project Nos. 1 & 1A

Summary of charges on a cost incurred basis
under Original and First Amended Contracts.

Operation	Total accepted costs to April 30,1952	MF-104 for May-1952	MF-104 for June-1952	Mf-104 for June-1953	Total
Project #1					
Pumping System	$240,705.59				$240,705.59
Raising 2/	7,403.33				7,403.33
Drifting 2/	41,228.91	6,615.47	7,111.77	4,373.78	59,329.93
Project No. 1-A					
Shaft Sinking 2/ 3/	34,692.98	3/ 702.54		3/ 4/ 883.09	36,278.61
Total	$324,030.81	1/ 7,318.01	1/ 7,111.77	1/ 5,256.87	1/ 343,717.46

1/ Totals and component amounts subject to Final Audit.

2/ Reflects deduction of $1,699.53 as per audit and Certificate dated July 3,1952.

3/ Government participation 25%.

4/ Retroactive wage payment - (100% of $ 4,373.78 - $4,373.78
(50% of 883.09 - 441.54

Total	$ 5,256.87	$4,815.32

W.E. Young

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

U. S. Bureau of Mines
RECEIVED
APR 12 1955
Salt Lake City, Utah

Budget Bureau No. 42-R1036.5

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

Month of March, 1955 Docket No. DMEA 1 & 1A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

Contract Amount, $ 190,822.50 Government Participation: 50 % Amount, $ 95,411.25

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~~ Sump & Pump Stat.						
~~Bulldozing~~ Raising						
Crosscutting						
Drifting						
Shaft sinking	8,550.00	23,670.00	32,220.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
					50%	
TOTALS	8,550.00	23,670.00	32,220.00	8550.00	23,670.00	32,220.00

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

Date Apr. 11-55 *Payee Chief Consolidated Mining Co.

Per W. H. Watson Title Secretary

*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:

$ 4275.00

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 4/28/55 Vou. No. DMA-55-87
(See other side)

Costs on an agreed unit cost basis under "Second Amended Contract."

(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. Idn-E4 in accordance with the terms of the contract.

Signature W. E. Young Jr. Title Mining Engineer Date Apr. 20, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Turner Title Executive Officer Date APR 25 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Defense Minerals Administration
RECEIVED
MAY 20 1955

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 1955 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., 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.						3300	$ 34.00
Raising)					179.0			
Shafts Sinking	ft.	8,550.00	47.5	32,220.00	~~180.0~~		323	180.00 1/
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sump & Pump Station a unit 3100 Foot Level								20,482.50
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								190,822.50

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

Remarks: 1/ 50% of total agreed unit cost.

Date April 11, 1955 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secratary

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)

Costs and accomplishments on an agreed unit cost basis under the "Second Amended Contract."

W. E. Young SRW

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

CHIEF CONSOLIDATED MINING COMPANY
Eureka, Utah

PROGRESS REPORT - MONTH OF MARCH 1955

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map.

During the month of March, 1955, 18/411 Winze was extended in depth, as noted below:

WINZING:

18/411 Winze (3 Compartments) -

Sunk from Elevation 3683.2 feet
to Elevation 3635.7 feet . . . . . 47.5 feet

April 1, 1955

Chief Engineer
Chief Consolidated Mining Co.

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 26 1955

224 New Customhouse
Denver 2, Colorado

April 25, 1955

~~Amoold~~
~~Pilcomeid~~
Betty

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-1 and 1A (Lead-Zinc), Contract Idm-E4 Amended, Chief Consolidated Mining Co., Juab County, Utah - Operator's Monthly Progress Report for the month of February, 1955

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 February, 1955.

Enclosures

W. M. Traver

Berk

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

224 New Customhouse
Denver 2, Colorado

April 11, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 1 & 1A (Lead-Zinc), Contract Idm-E4, Amended, Chief Consolidated Mining Co., Juab County, Utah - Operator's Monthly Progress Report for the period February, 1955.

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% 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 29, 1955
Date Received in Field Office.....March 30, 1955
Date Received in Region Office.....April 7, 1955

W. M. TRAVER

W. M. Traver

Enclosures

RDB:sr

cc: Subject
Chron
Sec. to Op. Comm. (2)
Wilson

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

DMEA Date Rec'd. APR 7 1955
BUREAU OF MINES Denver, Colorado
Bureau of Mines Bureau Minerals Administration RECEIVED APR 25 1955

April 5, 1955

Memorandum

To: W. M. Traver, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA 1 and 1A (Lead-zinc), Contract Idma-R4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for February 1955

Attached are the required copies of MF-104 forms and related information pertaining to work accomplished under the subject contract during February 1955. The property was inspected by W. E. Young March 28, 1955. An advance of 5.5 feet in the 18-411 winze is reported by the operator and verified by the inspecting engineer.

Project work was resumed February 26, 1955, after a recess period extending from December 1953. As of February 28, 1955, the total depth of the 18-411 winze was 300 feet.

Information submitted by the operator is in compliance with suggestions contained in a memorandum from the Executive Officer dated January 26, 1954. It is believed that all information requested is included with the MF-104 forms and separate breakdown sheets. The work reported is in conformance with the contract, and it is recommended that the operator be reimbursed by 25 percent of $990, the total cost for 5.5 feet of winze advance during February 1955.

The MF-104 forms were received in this office March 30, 1955.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

S. R. Wilson April 4, 1955

W. E. Young

Docket No. DMEA-1 and 1A (Lead-zinc), Contract Idma-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for February 1955.

The subject property was inspected on March 28, 1955. The progress reported for February 1955 has been made. The total depth of the shaft below the 2700-foot level is 300 feet. Only the necessary station sets are being installed at this elevation. The company plans on sinking directly to the 3100-foot level before cutting the 3000-foot-level station.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the original and First Amended Contracts pertaining to Projects No. 1 and 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the original and First Amended Contracts.

3. MF-104 and MF-104A forms for summary for Project No. 1A, shaft sinking, for the period June 13, 1951 to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the original and First Amended Contracts.

4. MF-104 and MF-104A forms for the month of February 1955 pertaining to costs on an agreed unit-cost basis under the Second Amended Contract.

Payment is approved for $247.50. This is 25 percent of $990, the contract costs for 5.5 feet of advance in February 1955.

W. E. Young

W. E. Young

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

U. S. Bureau of Mines
RECEIVED
MAR 30 1953
Salt Lake City, Utah

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUMMARY

OPERATOR'S MONTHLY REPORT AND VOUCHER

Project No. 1

~~Month of~~ 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1-A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $309,078.91 Government Participation 50% Amount, $

DEPARTMENT OF THE INTERIOR
Defense Minerals Adm.
RECEIVED
APR 29 1953

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 & Raising			44,416.06			
(2) Labor and Supervision:						
Labor			1,645.82			
Supervision			1,699.53			
Technical Services			59.47			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives			11.73			
Pipe						
Track						
Other			149.78			
Pumping System			240,705.59			
(4) Operating Equipment:						
Rental Groating machine			536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes			44.33			
Liability Insurance						
Workman's Compn. Insur.			111.99			
(8) Contingencies (specify):						
Applicable Compressing Etc.			11,292.95			
" Hoisting			4,416.48			
" Puming			5,747.77			
TOTALS			307,438.85			307,556.15

Disallowed by Audit July 3, 1952
Adjustment per Audit June 27, 1951

50%

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

Date Mar. 29-1955 *Payee Chief Consolidated Mining Co.

Per W. M. Watson Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Project No. 1 -Charges on a cost incurred basis under Original and First Amended Contract.

(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. Admi-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Mar. 31, 1955

APPROVED BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Jamer Title Executive Officer Date APR 11 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form ME-104A
(April 1952)

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

Department of the Interior
Defense Minerals Administration
APR 29 1955

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUMMARY

OPERATOR'S UNIT COST AND PROGRESS REPORT

PROJECT No. 1

~~Month of~~ 6/13-51 to ~~19XX~~ 6/30-53 Docket No. DMEA 1 & 1 A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc

Address 608 Dooly Bldg., 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				59,329.93	1663.0	35.68		
Crosscutting								
Raising				7,403.33	300.0	24.68		
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Pumping System				240,705.59				
TOTAL DISTRIBUTED COSTS				307,438.85				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				307,438.85				

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

Date Mar. 29-1955 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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)

Project No. 1 Costs and accomplishments on a cost incurred basis under Original and First Amended Contracts.

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

Project Nos. 1 & 1A

Summary of charges on a cost incurred basis under Original and First Amended Contracts.

Operation		Total accepted costs to April 30,1952		MF-104 for May-1952	MF-104 for June-1952	MF-104 for June-1953		Total
Project #1								
Pumping System		$240,705.59						$240,705.59
Raising	2/	7,403.33						7,403.33
Drifting	2/	41,228.91		6,615.47	7,111.77	4,373.78		59,329.93
Project #1-A								
Shaft Sinking	2/ 3/	34,692.98	3/	702.54		3/ 4/ 883.09	3/	36,278.61
Total	1/	$ 324,030.81	1/	7,318.01	1/7,111.77	1/ 5,256.87	1/	343,717.46

1/ Totals and component amounts subject to Final Audit.

2/ Reflects deduction of $1,699.53 as per audit report and Certificate dated July 3,1952.

3/ Government participation 25%.

4/ Retroactive wage payment - (100% of $ 4,373.78 - $4,373.78
(50% of 883.09 - 441.54

Total $ 5,256.87 - $4,815.32

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

U. S. Bureau of Mines
RECEIVED
APR 1 1955

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Shaft Sinking
Project No. 1A

SUMMARY

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 18,139.30 Government Participation: 50 % Amount, $ 9,069.65

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft sinking			22,788.53			
(2) Labor and Supervision:						
Labor			3,624.81			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other			3,700.45			
(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			95.00			
Liability Insurance						
Workman's Compn. Insur.			239.85			
					25/0	
(8) Contingencies (specify):						
Applicable-Compressing Etc.			3,017.59			
" Hoisting			1,831.36			
" Pumping		1/	981.02			
TOTALS			36,278.61			36278.61

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Feby. 8, 1954 *Payee Chief Consolidated Mining Co.
Per W. W. Watson Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Shaft Sinking, Project 1A-Charges on a cost incurred basis under Original and First Amended Contracts.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. DMA-E-4 in accordance with the terms of the contract.

Signature W. C. Young Title Mining Engineer Date Mar. 31, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk V.

Signature W. M. Inman Title Executive Officer Date APR 11 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

U. S. Bureau of Mines
RECEIVED
APR 1 1955
Salt Lake City, Utah

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SUMMARY

OPERATOR'S UNIT COST AND PROGRESS REPORT

Shaft Sinking
Project 1 & 1A

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 29 1955

~~Month of~~ 6/13-51 to ~~xxx~~6/30-53 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., 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								
Raising								
Shafts Sinking			1/	36,278.61	77.0	471.15	400	350.00Est.
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs				36,278.61				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				36,278.61				

1/Government participation at 50% of 50%

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

Date Feby. 8-1954 Operator Chief Consolidated Mining Co.

Per W. W. Wolin Title Secretary

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)

Shaft sinking, Project No. 1A- Costs and accomplishments on a cost incurred basis under the Original and First Amended Contracts.

INSTRUCTIONS

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

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

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

GPO 872894

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAR 30 1955
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1955 Docket No. DMEA 1 & 1A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

Contract Amount, $ 190,822.50 Government Participation: 50% Amount, $ 95,411.25

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:						
~~Entry~~ Sump & Pump Stat.						
~~Entry~~ Raising)						
Crosscutting)						
Drifting)						
Shaft Sinking	990.00	22,680.00	23,670.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
						50%
TOTALS	990.00	22,680.00	23,670.00	990.00	22680.00	23670.00

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

Date Mar. 29-1955 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$ 495.00

Signature Randell R. Cooper
(Authorized Certifying Officer)

Date 4/22/55 Vou. No. DMA-55-86
(See other side)

Costs on an agreed unit cost basis under "Second Amended Contract".

(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. Idma-E 4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Mar. 31, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Mance Title Executive Officer Date APR 11 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1955 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., 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)								
Crosscutting)	ft						3300	$ 34.00
Raising)								
Shafts Sinking	ft.	990.00	5.5	23,670.00	132.5		323	180.00 1/
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sump & Pump Station a unit 3100 Foot Level								20,482.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								190,822.50

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

Date March 29-1955 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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: 1/ 50% of total agreed unit cost.

(Instructions on reverse)

(For Government use only)

Costs and accomplishments on an agreed unit cost basis under the "Second Amended Contract".

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

CHIEF CONSOLIDATED MINING COMPANY
Eureka, Utah

PROGRESS REPORT - MONTH OF FEBRUARY 1955

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map.

During the month of February, 1955, 13/411 Winze sinking operations were resumed and the winze was extended in depth, as noted below:

WINZING:

13/411 Winze (3 Compartments) -

Sunk from Elevation 3688.7 feet
to Elevation 3683.2 feet . . . . . 5.5 feet

Robert S. Steele
Chief Engineer
Chief Consolidated Mining Co.

March 1, 1955

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

224 New Customhouse
Denver 2, Colorado

March 3, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, (First and Second Amended), Chief Consolidated Mining Company, Juab 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 December 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

February 17, 1954.

December 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A (Lead-Zinc), Contract No. I-DMA-E4, (First and Second Amended), Chief Consolidated Mining Company, Juab County, Utah - Operator's Monthly Progress Report for the period December 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 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Work on the subject project has been suspended but Forms MF-104 are processed for payment at this time in conformance with authority received from the Washington Office. Copies of our teletype requesting ruling and answering teletype signed by C. O. Mittendorf are enclosed.

Remarks:

Date of Report	February 8, 1954.
Date Received in Field Office	February 10, 1954.
Date Received in Region Office	February 15, 1954.

W. H. King

W. H. King

Enclosures

cwm

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

S. R. Wilson Feb. 11, 1954

W. E. Young

Docket No. RMEA-1 and 1A (Lead-zinc), Contract Idaho-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for December 1953

The subject property was inspected on January 28, 1954. The progress reported for December 1953 has been made. The total depth of the shaft below the 2760-foot level is 252 feet. The company has requested an amendment to suspend temporarily the shaft-sinking operation at this point.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the Original and First Amended Contracts pertaining to Projects No. 1 and No. 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951 to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

3. MF-104 and MF-104A forms for summary for Project No 1A, shaft sinking, for the period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

4. MF-104 and MF-104A forms for the month of December 1953 pertaining to costs on an agreed unit-cost basis under the Second Amended Contract.

Payment is approved for $1,935. This is 25 percent of $7,740, the contract costs for 21.5 feet of advance in December 1953.

W. E. Young

W. E. Young

1-1027
(April 1946)

UNITED STATES
DEPARTMENT OF THE INTERIOR

AGENCY .....

TELETYPE

Originator:
Ext.: ..... Room: .....

Appro.:
Date: 2/15/54
Time:
No.:
To: C. O. MITTENDORF DMEA WASH

C O P Y

Subject: REFERENCE DOCKET DMA-1 AND 1-A, CONTRACT IDM-E4, OUR MEMORANDUM OF JANUARY 22, 1954. HAVE RECEIVED OPERATOR'S PP-104 REPORTS FOR MONTHS OF NOVEMBER AND DECEMBER 1953, AGGREGATE AMOUNT OF CLAIM $13,860.00. SHALL WE DEFER PROCESSING FOR REIMBURSEMENT TO OPERATOR PENDING RESUMPTION OF WORK UNDER THE CONTRACT?

W. M. KING

Authorized:

Sign original message and transmit to Room ..... in duplicate

U. S. GOVERNMENT PRINTING OFFICE 16—50915-1

1-1027
(April 1946)

UNITED STATES
DEPARTMENT OF THE INTERIOR

AGENCY .....

TELETYPE

Originator:
Ext.: ..... Room: .....

Appro.:
Date:
Time:
No.:
To:

Subject:

C O P Y

BUR MINES DN 235 GA PLS
WASH DC BU MINES 310 2-17-54 2-56 PM

MR. W H KING,
REURTEL FEBRUARY 15, 1954 REFERENCE DMA-1 & 2, [illegible]. NOT NECESSARY TO DEFER PROCESSING NOVEMBER AND DECEMBER VOUCHERS IN THIS SPECIAL INSTANCE.

C O MITTENDORF, ADMINISTRATOR.

2-58 PM END PLS ACK PM
MSG RECEIP OK [illegible]

Authorized:

Sign original message and transmit to Room ..... in duplicate

U. S. GOVERNMENT PRINTING OFFICE 16—50915-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

February 12, 1954

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 1 and 1A (Lead-zinc), Contract Idma-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for December 1953

Transmitted herewith are the required copies of MF-104 forms and related information pertaining to work accomplished under the contract during December 1953. The 18-411 winze was deepened 21.5 feet during the month. The advance was verified by measurement by W. E. Young January 28, 1954.

The operator has complied with suggestions contained in your memorandum of January 26, 1954. It is believed that all necessary information is included with the MF-104 forms and separate breakdown sheets. The work reported is in conformance with the contract, and it is recommended that the operator be reimbursed in the manner shown in the inspecting engineer's report.

The MF-104 forms were received from the operator February 10, 1954.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 10 1954
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of December, 1953 Docket No. DMEA 1 [illegible] Contract No. [illegible]
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $190,822.50 Government Participation: 50 % Amount, $95,411.25

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~~ Sump & Pump Stat.						
~~Raising~~ Raising)						
Crosscutting)						
Drifting)						
Shaft Sinking	3,870.00	18,810.00	22,680.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3,870.00	18,810.00	22,680.00	3,870.00	18,810.00	22,680.00

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

Date Feby. 6-1954 *Payee Chief Consolidated Mining Co.

Per [signature] Title Secretary

*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:

$1935.00

Signature [signature]
(Authorized Certifying Officer)

Date 2/26/54 Vou. No. DMA 54-83
(See other side)

Costs on an agreed unit cost basis under "Second Amended Contract".

(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-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Feb. 12, 1954

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

Signature W. H. Kung Title Executive Officer Date FEB 17 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

RECEIVED
FEB 8 1954

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

Month of December 1953 Docket No. DMEA 1 & 1A Contract No. 1DM-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Deely Bldg., 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.						3300	$ 34.00
Raising)					126.			
Shafts Sinking	ft.	3,870.00	21.5	22,680.00	127.0		323	180.00 1/
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sump & Pump Station a 3100 Foot Level	unit							20,192.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								190,822.50

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

Date Feby. 8-1954 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

REMARKS: 1/ 50% of total agreed unit cost.

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)

Costs and accomplishments on an agreed unit cost basis under the "Second Amended Contract".

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

CHIEF CONSOLIDATED MINING COMPANY
Eureka, Utah

PROGRESS REPORT - MONTH OF DECEMBER 1953

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map.

During the month of December, 1953, 18/411 Winze was extended in depth, as noted below:

WINZING:

18/411 Winze (3 Compartments) -
Sunk from Elevation 3710.2 feet
to Elevation 3688.7 feet . . . . . 21.5 feet

Robert E. Steele
Chief Engineer
Chief Consolidated Mining Co.

January 1, 1954

Project No.s 1 and 1A

Summary of charges on a cost incurred basis under Original and First Amended Constracts

Operation		Total accepted costs to April 30,1952		MF-104 for May-1952		MF-104 for June 1952		MF-104 for June 1953		Total
Project #1										
Pumping System		$ 240,705.59								240,705.59
Raising	2/	7,403.33								7,403.33
Drifting	2/	41,228.91		6,615.47		7,111.77		4,373.78		59,329.93
Project #1A										
Shaft Sinking	2/ 3/	34,692.98	(1/2) 3/	702.54		(17,697.76)	3/ 4/	883.09	3/	36,278.61
Total	1/	$ 324,030.81	1/	7,318.01	1/	7,111.77	1/	5,256.87	1/	343,717.46

1/ Totals and component amounts subject to Final Audit.

2/ Reflects deduction of $1,699.53 as per Audit Report and Certificate dated July 3,1952.

3/ Govemment participation 25%.

4/ Retroactive wage payment - (100% of $4,373.78 - $ 4,373.78
(50% of 883.09 - 441.54
(Total 5,256.87 $ 4,815.32

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Summary

OPERATOR'S MONTHLY REPORT AND VOUCHER

Project No.1

Month of 6/13-51 to 6/30-, 1953 Docket No. DMEA 1 & 1A Contract No. DE-24
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 603 Deety Bldg., Salt Lake City, Utah
Contract Amount, $ 309,078.91 Government Participation: 50 % Amount, $

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 & Raising			44,416.06			
(2) Labor and Supervision:						
Labor			1,645.82			
Supervision			1,699.53			
Disallowed by Audit July 3,52						
Technical Services			59.47			
Adjustment per Audit June 27,1951						
(3) Operating Materials and Supplies:						
Timber						
Explosives			11.73			
Pipe						
Track						
Other			149.76			
Pumping System			240,705.59			
(4) Operating Equipment:						
Rental Crosting machine			536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes			44.33			
Liability Insurance						
Workmen's Comp. Insur.			111.99			
(8) Contingencies (specify):						
Applicable Compressing Etc.			11,292.95			
" Hoisting			4,416.48			
" Pumping			5,747.77			
TOTALS			307,433.85			

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

Date Feby. 8-1954 *Payee Chief Consolidated Mining Co.

Per [signature] Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Project No.1-Charges on a cost incurred basis under Original and First Amended Contracts.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Adm-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Feb. 12, 1954

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

Signature W. H. Kerr Title Executive Officer Date FEB 17 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED

Summary

OPERATOR'S UNIT COST AND PROGRESS REPORT Project No. 1

Period 6/13-51 to 6/30-53 Docket No. DMEA 1 & 1A Contract No. [illegible]
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., 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				59,329.93	1663.0	35.63		
Crosscutting								
Raising				7,403.33	300.0	24.68		
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Pumping System				240,705.59				
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				307,438.05				

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 Feby. 8-1954 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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)

Project No. 1- Costs and accomplishments on a cost incurred basis under Original and First Amended Contracts.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Summary

OPERATOR'S MONTHLY REPORT AND VOUCHER

Shaft Sinking
Project No. 1A

Month of 6/13-51 to 6/30-, 1953 Docket No. DMEA 1 & 1A Contract No. DMA-24
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 603 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 18,139.30 Government Participation: 50 % Amount, $ 9,069.65

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						
Shaft Sinking			22,708.53			
(2) Labor and Supervision:						
Labor			3,624.81			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other			3,700.45			
(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			95.00			
Liability Insurance						
Workmen's Compn. Ins.			239.85			
(8) Contingencies (specify):						
Applicable Compressing Etc.			3,017.59			
" Hoisting			1,831.36			
" Pumping		1/	981.02			
TOTALS			36,278.61			

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

Date Febry. 8-1954 Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Shaft Sinking, Project No. 1A- Charges on a cost incurred basis under Original and First Amended Contracts.

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Adm-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Feb. 12, 1954

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

Signature W. L. Ring Title Executive Officer Date FEB 17 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Summary

OPERATOR'S UNIT COST AND PROGRESS REPORT

Shaft Sinking
Project No. 1A

Month of 6/13-51 to 1954 6/30-53 Docket No. DMEA 1 & 1A Contract No. XDM-Eh
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., 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								
Raising								
Shafts Sinking				1/36,278.61	77.0	471.15	400	350.00 Est.
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				36,278.61				

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: 1/ Government participation at 50% of 50%

Date Feby. 8-1954 Operator Chief Consolidated Mining Co.

Per [signature] Title Secretary

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)

Shaft Sinking, Project No. 1A- Costs and accomplishments on a cost incurred basis under the Original and First Amended Contracts.

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

March 3, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, (First and Second Amended), Chief Consolidated Mining Company, Juab 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 November 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

February 17, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A (Lead-Zinc), Contract No. I-DMA-E4, (First and Second Amended), Chief Consolidated Mining Company, Juab County, Utah - Operator's Monthly Progress Report for the period November 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 per cent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report. Reference to teletypes authorizing payment attached to December MF-104's.

Remarks:

Date of Report	February 8, 1954.
Date Received in Field Office	February 10, 1954.
Date Received in Region Office	February 15, 1954.

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

February 12, 1954

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 1 and 1A (Lead-zinc), Contract Idme-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for November 1953

Attached are five copies of the subject operator's report for November 1953. Progress under the contract during this period totaled 55.5 feet of winze sinking in the 18-411 winze. The work was verified by W. E. Young December 9, 1953.

The operator has prepared the November report in the manner described in your memorandum of January 26, 1954. It is believed that all pertinent information is included and the necessary cost breakdown made. It is recommended that the operator be reimbursed by 25 percent of the total costs as shown in the inspecting engineer's report.

The MF-104 forms were received in this office February 10, 1954.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

S. R. Wilson Feb. 11, 1954

W. E. Young

Docket No. DMEA 1 and 1A (Lead-zinc), Contract Idaho-E4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for November 1953

The subject property was inspected on December 9, 1953. The progress reported for November has been made. Part of the 2900-foot level station had also been excavated.

The shaft was still in tight Opohonga limestone and was making very little water.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the Original and First Amended Contracts pertaining to Projects No. 1 and No. 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

3. MF-104 and MF-104A forms for summary for Project No. 1A, shaft sinking, for the period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

4. MF-104 and MF-104A forms for the month of November 1953, pertaining to costs on an agreed unit-cost basis under the Second Amended Contract.

Payment is approved for $4,995. This is 25 percent of $19,980, the contract costs for 55.5 feet of advance in November 1953.

W. E. Young

W. E. Young

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of November, 1953 Docket No. DMEA 1 & 1A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

Contract Amount, $190,822.50 Government Participation: 50 % Amount, $95,411.25

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) [redacted] Contracts:						
Short Form						
[redacted] Sump & Pump Stat.						
[redacted] Raising						
Crosscutting						
Drifting						
Shaft Sinking	9,990.00	8,820.00	18,810.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	9,990.00	8,820.00	18,810.00	9,990.00	8,820.00	18,810.00

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

Date Feby. 8-1954 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$4995.00

Signature [illegible] (Authorized Certifying Officer)

Date 2/26/54 Voucher H-83

(See other side)

Costs on an agreed unit cost basis under "Second Amended Contract".

(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. Am-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Feb. 11, 1954

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

Signature W. S. Kung Title Executive Officer Date FEB 17 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 8 1954

Month of November 1953 Docket No. DMEA 1 & 1A Contract No. TDM-E4
Operator's Name Chief Consolidated Mining Co. Minerals Lead-Zinc
Address 608 Dooly Bldg., 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						3300	$ 34.00
Raising)								
Shafts Sinking	ft	9,990.00	55.5	18,810.00	104.5		323	180.00 1/
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Sump & Pump Station a unit 3100 foot level								20,482.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								190,822.50

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

Date Feby. 8-1954 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

REMARKS: 1/ 50% of total agreed unit cost.

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)

Costs and accomplishments on an agreed unit cost basis under the "Second Amended Contract."

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Summary

OPERATOR'S MONTHLY REPORT AND VOUCHER

Shaft Sinking
Project No. 1A

Month 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 18,139.30 Government Participation: 50% Amount, $ 9,069.65

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						
Shaft Sinking			22,788.53			
(2) Labor and Supervision:						
Labor			3,624.81			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other			3,700.45			
(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			95.00			
Liability Insurance						
Workmen's Compn. Insr.			239.85			
(8) Contingencies (specify):						
Applicable Compressing Etc.			3,017.59			
" Hoisting Etc.			1,831.36			
" Pumping		1/	981.02			
TOTALS			36,278.61			

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

Date Feby. 8-1954 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Shaft Sinking, Project No. 1A- Charges on a cost incurred basis under original and First Amended Contracts.

(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. ddm-E4 in accordance with the terms of the contract.

Signature W. E. Young Jr. Title Mining Engineer Date Feb. 11, 1954

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

Signature W. H. King Title Executive Officer Date FEB 17 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Shaft Sinking
Project No. 1A

Summary

OPERATOR'S UNIT COST AND PROGRESS REPORT

~~Month~~ 6/13-51 to ~~Year~~ 6/30-53 Docket No. DMEA 1 & 1A Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Company Minerals Lead-Zinc

Address 608 Dooly Bldg., 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								
Crosscutting								
Raising								
Shafts Sinking			1/	36,278.61	77.0	471.15	400	350.00 Est.
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS				36,278.61				

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 Feby. 8-1954 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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 1/ Government participation at 50% of 50%

(Instructions on reverse)

(For Government use only)

Shaft Sinking: Project No. 1A Costs and accomplishments on a cost incurred basis under the Original and First Amended Contracts.

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

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

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

FEB 10 1954

Summary

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

Project No. 1

xMonthxx 6/13-51 to 6/30, 1953 Docket No. DMEA 1 & 1A Contract No. IDM-E4
Operator's Name Chief Consolidated Mining Company Minerals Lead - Zinc
Address 608 Dooly Bldg., Salt Lake City, Utah
Contract Amount, $ 309,078.91 Government Participation: 50 % Amount, $

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 & Raising			44,416.06			
(2) Labor and Supervision:						
Labor			1,645.82			
Disallowed by Audit July 3,52			1,699.53			
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Adjustment per Audit June 27,1951			59.47			
Explosives			11.73			
Pipe						
Track						
Other			149.78			
Pumping System			240,705.59			
(4) Operating Equipment:						
Rental Groating machine			536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes			44.33			
Liability Insurance						
Workmen's Compn. Insur.			111.99			
(8) Contingencies (specify):						
Applicable Compressing Etc.			11,292.95			
" Hoisting			4,416.48			
" Pumping			5,747.77			
TOTALS			307,438.85			

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

Date Feby. 8-1954 *Payee Chief Consolidated Mining Co.

Per [signature] Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

Project No. 1- Charges on a cost incurred basis under Original and First Amended Contracts.

(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-E4 in accordance with the terms of the contract.

Signature W. E. Young J. R. W. Title Mining Engineer Date Feb. 11, 1954

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

Signature W. H. King Title Executive Officer Date FEB 17 1954

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Summary

OPERATOR'S UNIT COST AND PROGRESS REPORT

Project No. 1

Month of xxxxxxxx6/13-51 to xxx6/30-53 1 & 1A

Contract No. IDM-E4

Operator's Name Chief Consolidated Mining Company

Minerals Lead-Zinc

Address 608 Dooly Bldg., 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
				59,329.93	1663.0	35.68		
Drifting								
Crosscutting				7,403.33	300.0	24.68		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Pumping System				240,705.59				
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs				307,438.85				

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

Date Feby. 8-1954 Operator Chief Consolidated Mng. Co.

Per W. W. Watson Title Secretary

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

Chief Consolidated Mining Company
608 Dooly Bldg.,
Salt Lake City, Utah

Project Nos. 1 and 1A

Summary of charges on a cost incurred basis
under Original and First Amended Constracts

OPERATION		Total accepted costs to April 30,1952		MF-104 for May 1952	MF-104 for June 1952	MF-104 for June-1953	Total
Project #1							
Pumping System		$240,705.59					$240,705.59
Raising	2/	7,403.33					7,403.33
Drifting	2/	41,228.91		6,615.47	7,111.77	4,373.78	59,329.93
Project #1-A							
Shaft Sinking	2/ 3/	34,692.98	3/	702.54	3/ 4/	883.09	3/ 36,278.61
Total	1/	$ 324,030.81		7,318.01	1/7,111.77	1/ 5,256.87	1/343,717.46

1/ Totals and component amounts subject to Final Audit.

2/ Reflects deduction of $1,699.53 as per Audit Report and Certificate dated July 1,1952.

3/ Government participation 25%

4/ Retroactive wage payment:

(100% of	$4,373.78 -	$ 4,373.78
(50% of	883.09 -	441.54
Total	$5,256.87	$ 4,815.32

CHIEF CONSOLIDATED MINING COMPANY
Eureka, Utah

PROGRESS REPORT - MONTH OF NOVEMBER 1953

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map.

During the month of November, 1953, 18/411 Winze was extended in depth, as noted below:

WINZING:

18/411 Winze (3 Compartments) -
Sunk from Elevation 3765.7 feet
to Elevation 3710.2 feet . . . . 55.5 feet

Robert S. Steele
Chief Engineer
Chief Consolidated Mining Co.

December 1, 1953

S. R. Wilson Feb. 11, 1954

W. E. Young

Docket No. DMEA-1 and 1A (Lead-zinc), Contract Idma-84, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for December 1953

The subject property was inspected on January 28, 1954. The progress reported for December 1953 has been made. The total depth of the shaft below the 2700-foot level is 252 feet. The company has requested an amendment to suspend temporarily the shaft-sinking operation at this point.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the Original and First Amended Contracts pertaining to Projects No. 1 and No. 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951 to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

3. MF-104 and MF-104A forms for summary for Project No 1A, shaft sinking, for the period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

4. MF-104 and MF-104A forms for the month of December 1953 pertaining to costs on an agreed unit-cost basis under the Second Amended Contract.

Payment is approved for $1,935. This is 25 percent of $7,740, the contract costs for 21.5 feet of advance in December 1953.

W. E. Young

W. E. Young

S. R. Wilson Feb. 11, 1954

W. E. Young

Docket No. DMEA 1 and 1A (Lead-zinc), Contract Idma-R4, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for November 1953

The subject property was inspected on December 9, 1953. The progress reported for November has been made. Part of the 2900-foot level station had also been excavated.

The shaft was still in tight Opohonga limestone and was making very little water.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Included in the report are:

1. A sheet covering a summary of charges on a cost-incurred basis under the Original and First Amended Contracts pertaining to Projects No. 1 and No. 1A.

2. MF-104 and MF-104A forms for summary of Project No. 1 for period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

3. MF-104 and MF-104A forms for summary for Project No. 1A, shaft sinking, for the period June 13, 1951, to June 30, 1953, showing charges and accomplishments on a cost-incurred basis under the Original and First Amended Contracts.

4. MF-104 and MF-104A forms for the month of November 1953, pertaining to costs on an agreed unit-cost basis under the Second Amended Contract.

Payment is approved for $4,995. This is 25 percent of $19,980, the contract costs for 55.5 feet of advance in November 1953.

W. E. Young

W. E. Young

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

224 New Customhouse
Denver 2, Colorado

December 7, 1953

Oct. 1953

~~Keating~~
Betty

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1 and 1A, Contract Idm-E4 Amended (Lead-Zinc), Chief Consolidated Mining Co., Juab County, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of October 1953 pertaining to Docket DMEA 1 and 1A, Contract Idm-E4 Amended, Chief Consolidated Mining Company.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

November 19, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A, Contract Idm-E4 Amended (Lead-Zinc), Chief Consolidated Mining Company, Juab County, Utah. Operator's Monthly Progress Report for the period October 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 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

No work was performed under this contract during the month of September 1953.

Date of Report	November 13, 1953.
Date Received in Field Office	November 16, 1953.
Date Received in Region Office	November 19, 1953.

J W Townsend
J. W. Townsend
For W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

November 17, 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 1 and 1A (lead-zinc), Contract Idaho-24, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for October 1953

Attached are the necessary copies of MF-104 forms listing expenditures during October 1953 under the subject contract. W. E. Young inspected the work November 10, 1953.

Work accomplished during the period consisted of sinking the 18-411 winze a total of 24½ feet. All work is in conformance with terms of the short-form Second Amended Contract. The MF-104 forms include only the expenditures under this contract. The shaft is being sunk in the Opohonga limestone. There is a small amount of iron mineralization in the limestone.

It is recommended that the operator be reimbursed by 25 percent of the expenditures reported on the MF-104 forms.

The forms were received in this office November 16, 1953.

Frank L. Widenman
Frank L. Widenman
for
Stephen R. Wilson

Enclosure

S. R. Wilson Nov. 17, 1953

W. E. Young

Docket No. DMA 1 and 1A (Lead-zinc), Contract Lzna-24, First and Second Amended, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for October 1953

This property was inspected on November 10, 1953. The progress reported for October has been made. There was no advance during the month of September in shaft sinking. The shaft is now down to the 2900-foot level. The station is being cut on the 2900. The company had planned on sesage raise from the 2800-foot level to the 2700-foot level, but because of costs this plan was dropped.

The shaft is now being sunk in Opohonga limestone. This limestone is tight and makes very little water. There is a small amount of iron pyrite mineralization in the limestone.

The amended contract is a short-form contract. The narrative report is considered adequate. No map is needed.

Item 1 - Shaft Sinking, 24.5 feet at $360 per foot. Checked and verified correct.

Payment is approved for $2,205.00. This is 25 percent of $8,820, the contract costs for 24.5 feet of advance in October 1953.

Frank L Weldman for
W. E. Young

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

2nd Amended Contract dated June 16 - 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED NOV 16 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Salt Lake Project #1

Month of October, 1953 Docket No. DMEA 1 & 2 Contract No. 1-DMA-E4
Operator's Name Chief Consolidated Mining Company Minerals Gold, Silver, Lead & Zinc
Address 608 Dooly Bldg., Salt Lake City 1 Utah
Contract Amount, $ 116,280.00 Government Participation 25 % Amount, $ 29,700.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft Sinking	8,820.00	8,820.00	$17,640.00		K	12/14/53
(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	8,820.00	8,820.00	17,640.00	8,820.00	8,820.00	17,640.00

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

Date Nov. 13-1953 Payee Chief Consolidated Mining Company

Per W. W. Watson Title Secretary

*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:

$2205.00

Signature [illegible]
(Authorized Certifying Officer)

Date 11/25/53 Vou. 54-52

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. DMA-E4 in accordance with the terms of the contract.

Signature W. E. Young for W. Title Mining Engineer Date Nov. 16, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: FDB

Signature for C. H. King Title Executive Officer Date NOV 19 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)

2nd Amended Contract dated June 16, 1953

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 3 - 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Project #1

Month of October 1953 · Docket No. DMEA 1 & 1 A · Contract No. 1-DMA-E4

Operator's Name Chief Consolidated Mining Company · Minerals Gold, Silver, Lead & Zinc

Address 608 Dooly Bldg., Salt Lake City 1 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								
Raising								
Shafts	Foot	8,820.00	24.5ft	17,640.00	49.0ft	360.00		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		8,820.00	24.5ft.	17,640.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		$8,820.00	24.5ft.	17,640.00				

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

Date Nov. 13-53 Operator Chief Consolidated Mining Co.

Per W. M. Watson Title Secretary

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

Chief Consolidated Mining Co.

[illegible] Docket Division,

Salt Lake, [illegible]

PROGRESS REPORT - MONTH OF OCTOBER 1953

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map.

During the month of October, 1953, sinking operations of 18/411 Winze were continued and extended in depth as noted below:

WINZING:

18/411 Winze (3 Compartments) -
Sunk from Elevation 3790.2 feet
to Elevation 3765.7 feet . . . . 24.5 feet

Robert E. Steele
Chief Engineer
Chief Consolidated Mining Co.

November 1, 1953

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

mde
Aug 1953

October 5, 1953.

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 1 and 1A, Contract Idm-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab 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 month of August 1953, pertaining to DMEA Docket 1 and 1A, Contract Idm-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab County, Utah.

W. H. King
W. H. King

Enclosures

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

Defense Minerals Administration
RECEIVED
OCT 6 1953

224 New Customhouse
Denver 2, Colorado

September 30, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A, Contract Idm-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab County, Utah. Operator's Monthly Progress Report for the period August 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 25 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	September 23, 1953.
Date Received in Field Office	September 24, 1953.
Date Received in Region Office	September 30, 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

September 28, 1953

Memorandum

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

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

Subject: Docket No. DMEA 1 & 1A (Lead-Zinc), Contract Idma-24, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for August 1953.

Attached are the necessary copies of MF-104 forms listing expenditures made during August 1953 under the subject contract. W. E. Young inspected the work September 24, 1953.

Work accomplished during the period consisted of sinking the 18-411 winze a total of 24½ feet. All work is in conformance with the terms of the short-form Second Amended Contract. The MF-104 forms include only the expenditures under this contract.

Winze sinking has been temporarily suspended while the operator prepares a station on the 2800-foot level. The operator is planning to drift on this level on company account while further sinking is accomplished in the winze.

It is recommended that the operator be reimbursed by 25 percent of the expenditures reported on the MF-104 forms. The forms were received in this office September 24, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures

S. R. Wilson Sept. 25, 1953

W. E. Young

Docket No. DMEA 1 & 1A (Lead-zinc), Contract Idma-24, Chief Consolidated Mining Co., Juab County, Utah. Progress report and MF-104 forms for August 1953

This property was inspected on September 24, 1953. The progress reported has been made. Shaft sinking has been suspended while cutting a station on the 2800-foot level. The excavation for station has been completed, but work will not be resumed in the shaft until an escape raise has been driven from the 2800-foot level to the 2700-foot level.

Balanced hoisting has been installed in 18-411 winse with double-deck cages. The guides are being installed to hoist directly from the 2800-foot level. In the future the transfer of muck from the sinking hoist will be made on the 2800-foot level.

The work is now being done under a short-form contract. The narrative report is considered adequate. No map is needed.

<u>Item 1</u>
Shaft sinking, 24.5 feet at $360 per foot. Verified correct after checking.

Payment is approved for $2,205. This is 25 percent of $8,820, the contract costs for 24.5 feet of advance in August 1953.

W. E. Young

W. E. Young

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

2nd Amended Contract dated June 16, 1953

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. Budget Bureau No. 42-R1036.4
Approval expires 4-30-55

RECEIVED
SEP 24 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED
OCT - 8 1953

Month of August, 1953 Docket No. DMEA 1 & 1A Contract No. 1-DMA-Project #1 Salt Lake City, Utah
Operator's Name Chief Consolidated Mining Company Minerals Gold, Silver, Lead & Zinc
Address 608 Dooly Building, Salt Lake City, Utah
Contract Amount, $116,280.00 Government Participation: 25 % Amount, $29,700.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting						
Drifting						
Shaft Sinking	8,820.00		8,820.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	8,820.00		8,820.00	8,820.00		8,820.00

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

Date Sept. 23, 1953 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$2205.00

Signature
(Authorized Certifying Officer)

Date 10/5/53 Vou. No. 54-35

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. DMA-E4 in accordance with the terms of the contract.

Signature W. E. Young SCW Title Mining Engineer Date Sept. 25, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: KDR.

Signature W. H. King Title Executive Officer Date SEP 30 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 195[illegible])

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

2nd A[illegible]ded Contract dated June 16,195[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

[illegible] Defense Minerals Administration
RECEIVED
OCT - 6 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Project #1

Month of August 1953 Docket No. DMEA 1 & 1A Contract No. 1-DMA-E4

Operator's Name Chief Consolidated Mining Company Minerals Gold, Silver

Address 608 Dooly Building, Salt Lake City, Utah Lead & Zinc

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts	Foot	8,820.00	24.5ft.	8,820.00	24.5ft.	360.00		
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		8,820.00	24.5ft.	8,820.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		8,820.00	24.5ft.	8,820.00				

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. 23,1953 Operator Chief Consolidated Mining Co.

Per W. W. Walton Title Secretary

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

PROGRESS REPORT - MONTH OF AUGUST 1953

Re: DMA Docket 1 and 1-A, Second Amended Contract IDM-E 4
No accompanying map

During the month of August, 1953, sinking operations of 18/411 Winze were continued and extended in depth as noted below:

WINZING:

18/411 Winze (3 Compartments) -
Sunk from Elevation 3814.7 feet
to Elevation 3790.2 feet . . . . 24.5 feet

Robert S. Steele
Chief Engineer
Chief Consolidated Mining Co.

September 1, 1953

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1953

224 New Customhouse
Denver 2, Colorado

September 29, 1953

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1 and 1A, Contract Idm-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab, 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 July, 1953, pertaining to DMEA Docket 1 and 1A, Contract Idm-E4, Chief Consolidated Mining Company, Juab, Utah.

W. H. King

Enclosures

No Payt. Made

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 2 1953

224 New Customhouse
Denver 2, Colorado

September 14, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A, Contract Idm-84 (Lead-Zinc), Chief Consolidated Mining Company, Juab County, Utah. Operator's Monthly Progress Report for the period July 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.

No payment is to be made on this report. This contract has been amended to the short form type and no allowance is made for preliminary work as such.

Remarks:

Date of Report	August 25, 1953.
Date Received in Field Office	August 26, 1953.
Date Received in Region Office	September 11, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

September 9, 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 1 & 1A (Lead-zinc), Contract Ida-E4, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms for July 1953

Attached are the necessary copies of MF-104 forms submitted by the subject contractor showing expenditures made during July 1953. The contractor resumed operations on the property under the 2nd amended contract dated June 16, 1953. The reported expenditures apply to this amended contract, but are not necessary because the amended contract is on the short form. The operator submitted the MF-104 forms merely for the record. No reimbursement is requested. Actually, it is unnecessary that the operator report the expenditures, but for his own reason he has asked that they become a part of the contract record.

Recommendation is made that all costs shown be disallowed. Signature of W. E. Young and initialing by the Branch Chief indicate that the information contained in the forms has been studied.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

S. R. Wilson

Sept. 9, 1953

W. E. Young

Docket No. DMA No. 1 and 1A (lead-zinc), Contract Idm-E4, Chief Consolidated Mining Co., Juab County, Utah. MF-104 forms submitted for July 1953

These forms were not submitted for payment. The company understands the new amended contract pays for footage only. They submitted these forms merely as a matter of record for expenses they incurred in the course of the work. The matter was explained to them, but they insisted they wanted it done this way so a record would be available for audit. They were told that expenses incurred would not likely be audited in case of the short-form contracts. It appears any audit would involve only the interpretation of the contract plus footages involved at the costs stipulated in the contract.

The matter of sinking was discussed with the officials. They report that it may be necessary to sink only to the 2,900-foot level. They supported this contention by submitting sections showing the course of the ore body. The sections show the ore trend dipping at about 30° until it hits the Beck fault. Between the Beck and Leadville faults the ore body has a very steep dip. After crossing the Leadville fault the dip flattens to about 15°. Projection of the trend indicates the dip may flatten even more. This condition should be studied at the 2800- or 2900-foot level before the shaft is completed to the 3100- foot level to avoid shaft sinking expenses if not necessary. For this reason they are considering a change in plans and will likely submit a request to suspend the sinking operation at the 2900-foot level. At present they are cutting a station on the 2800-foot level.

W. E. Young

W. E. Young

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

U. S. Bureau of Mines
RECEIVED
AUG 26 1953
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1953 Docket No. DMEA 1 & 1A 2nd Amended Contract dated June 16, 1953 Contract No. I-DMA-E4 Project

Operator's Name Chief Consolidated Mining Co. Minerals Gold, Silver, Lead & Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

Contract Amount, $116,280.00 Government Participation: 25 % Amount, $29,070.00

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					K 10/6/53	
Bulldozing						
Crosscutting						
Drifting						
Shaft Sinking	$ 934.82	none	$ 934.82			
(2) Labor and Supervision:						
Labor	23.29	"	23.29			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	23.30	"	23.30			
(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	.67	"	.67			
Liability Insurance	1.11	"	1.11			
(8) Contingencies (specify):						
TOTALS	983.19		983.19			

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

Date Aug. 25-1953 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$

Signature
(Authorized Certifying Officer)

Date Vou. No.

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Adm-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Sept. 9, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. Kung Title Executive Officer Date SEP 14 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.

Defense Minerals Administration
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

2nd Amended Contract dated June 16,1953

Month of July 1953 Docket No. DMEA 1 & 1A Contract No. Project 1 I-DMA-E4

Operator's Name Chief Consolidated Mining Co. Minerals Gold, Silver, Lead & Zinc

Address 608 Dooly Bldg., 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								
Crosscutting								
Raising								
Shafts	Foot	$983.19	none	$983.19	none	none	323.ft.	
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		983.19		983.19				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		983.19		983.19				

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

Date Aug. 25-53 Operator Chief Consolidated Mining Co.

Per _____ Title Secretary

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

July 31-1953

Vendor: Centennial Development Co.
Eureka, Utah
"Authorized Contractor"

Charge: Chief Consolidated Mining Co.
Eureka, Utah

96-C-411 Shaft - Preparatory Work

Month of July-1953

Labor: Direct		$ 605.28	$ 605.28
Supplies:	Tools	26.98	
	Hose	75.74	
	Sundry	6.14	
	Couplings, Nipples bushings Etc.	17.82	
	Rubber goods	67.54	194.22
Expenses:	Workmens Compensation Insurance	23.11	
	Social Security Taxes	16.34	
	Group Insurance	7.26	
	General Expense	3.63	50.34
			849.84
	Surcharge		84.98
	Total		$ 934.82

Chief Consolidated Mining Company,
Eureka, Utah

Classification of Labor

18-411 Winze Shaft Sinking

July - 1953

Name	Classification	No. Shifts	Rate	Reg. Pay	O'Time Shifts	O'Time Pay	Total
Alton Baker	Electrician	½	$17.285	$ 8.64			$ 8.64
Alton Baker	"	3/8	16,8296	6.32			6.32
Earl Stewart	Blacksmith	¼	13.4042	3.35			3.35
Malcolm Jolley	" "B"	3/8	13.28	4.98			4.98
			$	23.29			$23.29

Total Wages	$ 23.29
Payroll Taxes	.67
Workmen's Compn. Insur.	1.11
	$ 25.07

July 31-1953
Eureka, Utah
Reqn.#569

Vendor: Eureka Machy. & Supply Co.,
Eureka, Utah

Charge: Chief Consolidated Mining Co.,
Eureka, Utah

1-lb.	Bronze Welding Rod		.60
1 pc.	1/8 x 2½" x 8" sheet steel	100 lbs.	9.00
9 ft.	¼" x 2" Mild Steel	15 "	1.35
1 pc.	#14 Gauge 46" x 8½' steel	103 "	9.27
6 ft.	¼" x 1¼" Mild steel	6 "	.54
	Handling charge		2.08
	Sales Tax		.46
		$	23.30

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration
SEP 3 1953

224 New Customhouse
Denver 2, Colorado

August 31, 1953

June 1953

Keating
Butz

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1 and 1A, Contract Idm-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and MF-104A, Inspecting Engineer's Narrative Report, and other supporting data for the supplemental report for the period June, 1953, pertaining to DMEA Docket 1 and 1A, Contract Idm-E4, Chief Consolidated Mining Company, Juab County, Utah.

W. H. King
W. H. King

Enclosures

mDl

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION IV

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 3 - 1953

Administrative Audit Difference Statement

Date: August 24, 1953
Payee's Reference: Progress Report - Supplemental - June, 1953

Chief Consolidated Mining Company
608 Dooley Building
Salt Lake City, Utah
I-DMA-E-4

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

Amount Claimed $4,373.78

Difference $1,699.53

Amount Approved $2,674.25

The reason for the difference was due to:

Per DMEA Audit Report

Cash discounts (not allowable)	1,247.56	
Invoice Duplicated (Utah Crane & Rigging Co.)	385.00	
Mileage to Salt Lake Airport and return (from Eureka)	12.97	
Letter and Advertising Service	54.00	
		$1,699.53

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

Very sincerely yours,

N. E. Stokes
Audit Section

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

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 - 1953

224 New Customhouse
Denver 2, Colorado

August 3, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1 and 1A, Contract Idm-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab County, Utah. Operator's Supplemental Report for the period June 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.

Documentation has been waived, therefore we recommend that payment be made for 50 percent of the amount as reported by the Operator on Form MF-104 subject to verification of arithmetical accuracy within Form MF-104, and contingent on findings of subsequent on-site audit of the Operator's accounts.

Retroactive adjustment of wages allowed by Second Amended Contract dated June 16, 1953 amounts to $4,815.32 for the two projects and claim for this amount is approved for payment.

Disallowances of $1,699.53 as per Audit Report dated July 3, 1952 by the Contract Administration and Audit Division are to be made from this report. This Audit Report has been held up in the Washington Office and was released to this office in July 1953.

Remarks:

Date of Report	July 17, 1953.
Date Received in Field Office	July 20, 1953.
Date Received in Region Office	July 24, 1953.
Date Processed for Payment	July 31, 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

July 22, 1953

Memorandum

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

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

Subject: DMEA-1 & 1A, Contract Idm-E4, Chief Consolidated Mining Co., Juab County, Utah. Supplemental MF-104 forms for June 1953 covering retroactive wage adjustment allowed by Second Amended Contract dated June 16, 1953

Attached are the required copies of MF-104 forms covering retroactive wage adjustments for two projects under the subject contract. The Second Amended Contract allows a total of $4,815.32 as retroactive adjustment of wages for the two projects.

Total approved expenditure for project 1 under the original contract is $63,994.54. Retroactive wages, including workmen's compensation and payroll taxes, reported on the MF-104 forms, total $4,373.78. Addition of this amount to "Totals Previously Reported" gives $68,373.32. The contract permits 50 percent Government participation in allowable expenditures under project 1.

Retroactive wage adjustments plus workmen's compensation and payroll taxes for project 1A, the winze-sinking project, total $883.09, as reported on the MF-104 forms. Expenditures allowed under this project previously total $35,395.52. The Government participates on a 25-percent basis for allowable expenditures under project 1A.

The total allowable retroactive wage adjustment is as follows:

Project 1 - $4,373.78 (total reported on MF-104 form)
Project 2 - $ 441.54 (50 percent of total reported on MF-104 form)
$4,815.32.

It is recommended that the operator be reimbursed by 50 percent of $4,815.32, or $2,407.66 for the retroactive wages under the two projects.

The attached forms were received from the operator July 20, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures

S. R. Wilson

July 21, 1953

W. E. Young

DMEA 1 and 1A, Contract Idm-E4, Chief Consolidated Mining Co., Eureka, Utah. MF-104 forms for June 1953, for retroactive wage increases from July 1, 1951, to July 1, 1952.

The authority for this retroactive increase comes from the Second Amended Contract dated June 16, 1953. The percentage increase is 17.49 percent plus additional payroll taxes and compensation. The company entered into a wage contract with the union whereby an agreement was made that when a wage scale was agreed upon, such a scale would be retroactive to July 1, 1953. Labor of Centennial Development Co., a subcontractor, also participated.

The accounts were checked in Salt Lake City with W. W. Watson, secretary, on July 21, 1953.

Payment is approved for $2,186.89 for project 1. This is 50 percent of $4,373.78, the amount of increase.

Payment is approved for $220.77 for project 1A. This is 25 percent of $883.09, the amount of increase.

W. E. Young

W. E. Young

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

Retroactive Wage Adjustment 2700 Level Drift

Month of June 1953 Docket No. DMEA 1 & 1A Contract No. 4

Operator's Name Chief Consolidated Mining Co. Minerals Gold, Silver

Address 608 Dooly Bldg., Salt Lake City, Utah Lead & Zinc

Contract Amount, $63,000.00 Government Participation: 50 % Amount, $31,500.00

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:						9/8/53 K-
Drilling						
Bulldozing						
Crosscutting	3022.62	41,393.44	44,416.06			
Drifting						
(2) Labor and Supervision:						
Labor	1233.63	412.19	1,645.82			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber	None	11.73	11.73			
Explosives						
Pipe						
Track						
Other	None	149.78	149.78			
(4) Operating Equipment:						
Rental Grouting Machine	None	536.41	536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	33.31	11.02	44.33			
Payroll Taxes						
Liability Insurance						
Workmen's Compen.	84.22	27.77	111.99			
(8) Contingencies (specify):						
Applicable Compressing etc.	None	11,292.95	11,292.95			
Applicable Hoisting Exp.	None	4,416.48	4,416.48			
Applicable Pumping Exp.	None	5,747.77	5,747.77			
TOTALS	$ 4,373.78	63,999.54	68,373.32	4373.78	63,999.54	68,373.32
				*-1699.53		*-1,699.53
				2674.25	63,999.54	66,673.79

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

Date July 17, 1953 *Payee Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

*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:

$ 1,337.12

Signature [illegible] (Authorized Certifying Officer)

Date 8/25/53 Vou. No. DMA 54-20

(See other side)

* Per Audit Report

(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. Udm-E4 in accordance with the terms of the contract.

Signature W. E. Young SRW Title Mining Engineer Date July 21, 1953

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

Signature W. H. King Title Executive Officer Date AUG 3 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

Retroactive Wage Adjustment 2700 Level Drift

Month of June 1953 Docket No. DMEA 1 & 1A Contract No. 4

Operator's Name Chief Consolidated Mining Co. Minerals Gold, Silver Lead & Zinc

Address 608 Dooly Bldg., 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	Foot	4,373.78	None	60,969.99	1663.0'	$36.66	1800.0'	
Crosscutting								
Raising	Foot	None	None	7,403.33	300.0'	24.68	300.0'	
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		4,373.28	None	68,373.32				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		None						
Initial Rehabilitation and Repairs		None						
New Buildings, Improvements, etc.		None						
TOTAL COSTS		4,373.28		68,373.32				

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 17, 1953 Operator Chief Cons. Mining Co.

Per W. W. Watson Title Secretary

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

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 Exploration RECEIVED AUG 31 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Retroactive Wage Adjustment 18-411 Shaft

Month of June, 1953 Docket No. DMEA 1 & 1A Contract No. Project 1

Operator's Name Chief Consolidated Mining Company Minerals Gold, Silver, Lead & Zinc

Address 608 Dooly Bldg., Salt Lake City, Utah

Contract Amount, $ 140,000.00 Government Participation: 25 % Amount, $ 35,000.00

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~~ Shaft	62.25	22,726.28	22,788.53			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor	749.45	2,875.36	3,624.81			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Other	none	3,700.45	3,700.45			
(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	20.23	74.77	95.00			
Liability Insurance						
Workmen's Compensation	51.16	188.69	239.85			
(8) Contingencies (specify):						
Applicable Compressing Etc	none	3,017.59	3,017.59			
" Hoisting Exp.	none	1,831.36	1,831.36			
" Pumping Exp.	none	981.02	981.02			
TOTALS	883.09	35,395.52	36,278.61	883.09	35,395.52	36,278.61

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

Date July 17, 1953 *Payee Chief Consolidated Mining Co.

Per W. W. Walker Title Secretary

*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:

$ 220.77

Signature [illegible]
(Authorized Certifying Officer)

Date 8/25/53 Voucher No. 54-20

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Adm-E4 in accordance with the terms of the contract.

Signature W. E. Young Skew Title Mining Engineer Date July 21, 1953

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

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Retroactive Wage Adjustment 18-411 Shaft

Month of June 1953 Docket No. DMEA 1 & 1A Contract No. Project 1

Operator's Name Chief Consolidated Mining Co. Minerals Gold, Silver Lead & Zinc

Address 608 Dooly Bldg., 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								
Crosscutting								
Raising								
Shafts Underground	Foot	883.09	None	36,278.61	77.0	471.15	400.0	350.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		883.09	None	36,278.61				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		None						
Initial Rehabilitation and Repairs		None						
New Buildings, Improvements, etc.		None						
TOTAL COSTS		883.09		36,278.61				

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 17, 1953 Operator Chief Cons. Mining Co.

Per W. W. Watson Title Secretary

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 ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

September 16, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 1 and 1A, Contract I-DMA-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab and Utah Counties, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of May, 1952, for Project No. 1, pertaining to DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company.

W. H. King
W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

August 22, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 1 and 1A, Contract I-DMA-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab and Utah Counties, Utah - Operator's Monthly Progress Report, for the period of May 1952, for Project No. 1

Enclosed are the original and four copies of Form MF-104, 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 $3,307.74, which is 50 percent of the total of $6,615.47.

The report is passed for payment subject to findings of an on-site audit which is in process.

for W. H. King

Enclosures

JWT:fwo

cc: Sec. Oper. Comm. (2)
Wilson
Contract
Koehmann (2)
Chron

Mining Division
Date Rec'd.
AUG 11 1952
BUREAU OF MINES
Denver, Colorado

August 7, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA-1 and 1A, Contract Idm-E4, Chief Consolidated Mining Co., Eureka, Utah. Project 1. MF-104 Forms for May 1952.

Enclosed are the required copies of MF-104 forms and supporting data covering expenditures during May 1952 under the subject contract. The property was inspected by W. E. Young June 6, 1952 and the accounts July 29, 1952. Required copies of the progress report are attached.

It is recommended that the operator be reimbursed for May expenditures as noted in the progress report.

Stephen R. Wilson

Stephen R. Wilson

Encls.

S. R. Wilson August 6, 1952

W. E. Young

DMA 1 and 1A, Contract Idm-E4, Chief Consolidated Mining Co., Eureka, Utah. Project 1. Progress Report and MF-104 Forms for May 1952.

Underground progress was checked on June 6, 1952. The drifting reported has been accomplished. The accounts were checked with W. W. Watson, secretary, on July 29, 1952. Payroll and invoices for Centennial Development Company were checked in Eureka with R. Watts, accountant, on July 31, 1952.

Item 10- Contract Work. Checked and verified correct. Payroll copy submitted. Supplies listed as shown by invoices. Payroll taxes, workmen's compensation, group insurance, and general expenses are as shown.

Item 11 - Other. This item includes prorated charges for compressing, steel sharpening, tramming, hoisting, and pumping. Prorated charges are for waste only from DMEA development. These charges have been checked and are equitable and reasonable. They have been verified correct from company accounts.

Payment is approved for $3,307.74 for the month of May 1952. This is 50 percent of $6,615.47, the amount expended on the 2700 foot level drifting.

W. E. Young

W. E. Young

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 4

Name of Operator Chief Consolidated Mining Company
Docket No. DMA 1 and 1A Project 1
Total Contract Amount $ 63,000.00
Government Participation: 50 % Amount $ 31,500.00
Distribution of Expenditures for Month of May - 1952

DEPARTMENT OF THE INTERIOR
SEP 22 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

Chief Consolidated Mining Company
(Name of Company)

By W. W. Watson
(Signature of Authorized Official)

June 27-1952
(Date)

Secretary
(Title)

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

16--64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
Groating Machine	none	536.41	536.41			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	none	412.19	412.19			
5. Supervision						
6. Supplies						
(a) Timber						
(b) Explosives	none	11.73	11.73			
(c) Repair Parts						
(d) Other	none	149.78	149.78			
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	none	27.77	27.77			
10. Contract Work	4,598.59	32,553.69	37,152.28			
11. Other (specify)						
Payroll Taxes	none	11.02	11.02			
ApplicableCompressingEtc.	1,005.89	9,148.23	10,154.12			
" Hoisting Exp.	430.54	3,217.42	3,647.96			
" Pumping Exp.	580.45	4,204.06	4,784.51			
Total	6,615.47	50,272.30	56,887.77	6,615.47	50,272.30	56,887.77
Deletions			*		176.79	176.79
Adjusted totals			**		79.26	79.26
Totals previously reported			***		240,784.88	240,784.88
Totals to date				6,615.47	291,154.71	297,770.18

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by W. E. Young
Amount approved for payment
Remarks

Schedule DOA 53-32
Sept 12, 1952
3307.74

16—64068-3

* Adjustment due to wrong totals carried forward to MF104 by operator.
** Previous Disallowances
*** Amount paid operator on installation of pumping system.

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May - 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting				6,615.47	6,615.47	Foot	217.0	1,208.0	1,425.0	1,800.0 ft.
Crosscutting										
Raising						Foot		300.0	300.0	300.0 ft.
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals				6,615.47	6,615.47		217.0	1,508.0	1,725.0	2,100.0 ft.

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Re: DMA Docket 1 and 1A Contract Idm - E4

The following work was done during the month of May on the Chief No.1 2700 Level:

Drifting:

27/27 Drift advanced	(eastmost on accompanying map)	139. feet.
27/39 Drift advanced	(longest north drift from 27/27 Drift, as above, on accompanying map)	26. feet.
27/55 Drift run	(southwesterly drift from near face of 27/27 Drift, as above, on accompanying map)	52. feet.
Total footage 2700 Level		217. feet.

5 samples, taken during the month at various faces of 27/27 Drift as it was advanced, averaged Ag. 0.8 oz.; Pb. 1.9%; Zn. 3%.

3 samples, taken during the month at various faces of 27/55 Drift as it was run, averaged Ag. 0.9 oz.; Pb. 1.9%; Zn. 5.9%

Each of the three drifts, above, was directed along faults and breaks as shown on the accompanying map.

J. G. Hall
General Superintendent,
Chief Consolidated Mining Co.

June 1st,1952.

Chief Consolidated Mining Company
608 Dooly Bldg.,
Salt Lake City, Utah

May 31-1952

2700 Level Exploration

Section of Report	Item		Amount
10 -	Contract Work:		$ 4,598.59
	Authorized Contractor:		
	Centennial Development Co.	$ 4,598.59	
11 -	Other:		2,016.88
	Applicable Compressing Etc.	$ 1,005.89	
	Applicable Hoisting Exp.	430.54	
	Applicable Pumping Exp.	580.45	
		$ 2,016.88	
	Total		$ 6,615.47

INVOICE

Centennial Development Company

Mining Contractors and Engineers

EUREKA, UTAH

Chief Consolidated Mining Company
Eureka, Utah

May - 1952

F2 1M 3-8-51

2700 Level 96-EDM

27/27 Drift	2,913.64	
27/39 Drift	519.20	
27/55 Drift	1,165.75	
		4,598.59

DETAIL OF COSTS

MAY - 1952

LABOR

Direct	2,822.37	
Supervision	63.00	2,885.37
Workmen's Comp. Ins.		111.14
Social Security taxes		77.90
Group Insurance		43.23
General Expense		14.64
A/C Payble Chief Const. Eng. Co.		1,048.25
		4,180.53
Surcharges		418.06
		4,598.59

DETAIL OF COSTS

MAY - 1952

27/27 Drift 96-2 DM

LABOR

Direct	1,788.25	
Supervision	39.91	1,828.16

SUPPLIES

Explosives	462.01	
Rail & Fittings	56.05	
Hose & Fittings	4.37	
Rubber Goods	20.91	
Tools	2.99	
Ventube	116.66	
Sundry	1.18	664.17

EXPENSES

Workmen's Comp. Ins.	70.41	
Social Security Taxes	49.35	
Group Insurance	27.39	
General Expense	9.28	156.43
		2,648.76
Surcharge		264.88
		2,913.64

Advance	145 ft.
Cost per ft.	20.09

DETAIL OF COSTS

MAY - 1952

27/39 Drift 96-C DDA

LABOR

Direct	318.65	
Supervision	7.12	325.77

SUPPLIES

Explosives	82.32	
Rail & Fittings	9.99	
Pipe & Fittings	.78	
Rubber Goods	3.73	
Tools	.53	
Ventube	20.79	
Sundry	.21	118.35

EXPENSES

Workmen's Comp. Ins.	12.55	
Social Security Taxes	8.80	
Group Insurance	4.88	
General Expense	1.65	27.88
		472.00
Surcharge		47.20
		519.20

Advance	26 ft.
Cost per ft.	19.97

DETAIL OF COSTS

MAY - 1952

27/55 Drift 96-E MMA

LABOR

Direct	715.47	
Supervision	15.97	731.44

SUPPLIES

Explosives	184.85	
Rail & Fittings	22.42	
Hose & Fittings	1.75	
Rubber Goods	8.37	
Tools	1.19	
Ventube	46.67	
Sundry	.48	265.73

EXPENSES

Workmen's Comp. Ins.	23.18	
Social Security Taxes	19.75	
Group Insurance	10.96	
General Expense	3.71	62.60
		1,059.77
Surcharge		105.98
		1,165.75

Advance	58 ft.
Cost per ft.	20.10

CLASSIFICATION OF LABOR

2700 LEVEL 96-E DHA

MAY - 1952

NAME	CLASSIFICATION	NO. SHIFTS	RATE	REG.PAY	O'TIME SHIFTS	O'TIME PAY	TOTAL
Norval Palmer	Miner	3	21.10	63.30	1	10.55	
	"	1	21.58	21.58			95.43
Ronald F. Brewer	"	1	23.82	23.82			23.82
Arlo Broderick	"	3	21.58	64.74	1	10.79	
	"	1	21.10	21.10			
	"	2	23.82	47.64	1	11.91	
	"	12-3/16	24.30	296.16	2-3/16	26.58	478.92
Dennis Downey	"	11	23.82	262.02	1	11.91	273.93
Medey Fairless	"	3	21.58	64.74	1	10.79	
	"	1	21.10	21.10			
	"	2	23.82	47.64	1	11.91	
	"	12-3/16	24.30	296.16	2-3/16	26.58	478.92
Pete Goodwine	"	3	21.10	63.30	1	10.55	
	"	1	21.58	21.58			
	"	2	24.30	48.60	1	12.15	
	"	12	23.82	285.84	2	23.82	465.84
Norman Larrabee	"	3	21.58	64.74	1	10.79	
	"	1	21.10	21.10			
	"	2	23.82	47.64	1	11.91	
	"	12-3/16	24.30	296.16	2-3/16	26.58	478.92
Merlin Lindquist	"	1	24.30	24.30			24.30
William Paxman	"	1	24.30	24.30	1	12.15	36.45
							2,356.53

CLASSIFICATION OF LABOR

2700 LEVEL 96-E DRA

MAY - 1952

NAME	CLASSIFICATION	NO. SHIFTS	RATE	REG. PAY	O'TIME SHIFTS	O'TIME PAY	TOTAL
Loo Henlove	Miner	3	21.10	63.30	1	10.55	
	"	1	21.58	21.58			
	"	2	24.30	48.60	1	12.15	
	"	12	23.82	285.84	2	23.82	465.84
Lawrence Stubblefield	Foreman	5-¼	12.00	63.00			63.00
							528.84
						Balance Forward	2,356.53
							2,885.37

Chief Consolidated Mining Company
608 Dooly Building
Salt Lake City, Utah

New 2700 Drift Project

	Compressing	Sharpen Steel	Underground Tramming	Hoisting	Cage Riders	Surface Tramming	Total
27-27 Drift	$ 140.32	$ 34.72	$ 179.90	$ 148.35	$ 53.43	$ 90.57	$ 647.29
27-39 Drift	25.30	6.33	32.41	26.73	9.63	16.32	116.72
27-55 Drift	57.51	14.19	64.83	53.46	19.25	32.64	241.88
Total	$ 223.13	$ 55.24	$ 277.14	$ 228.54	$ 82.31	$ 139.53	$ 1,005.89

Total Cost for Month of May, 1952:
Basis for arriving at above proportions

$4,600.57	$1,021.12	$8,103.49	$6,682.60	$2,406.82	$4,079.87	$26,894.47

Total Compressing Shifts for May, 1952: 1,444
Proportion of Compressing Shifts to:

	Shifts	Percentage of Total
27-27 Drift	44	3.05%
27-39 Drift	8	.55%
27-55 Drift	18	1.25%
Total	70	4.85%

Total Steel Sharpening Shifts for May, 1952: 648
Proportion of Steel Sharpening Shifts to:

	Shifts	Percentage of Total
27-27 Drift	22	3.40%
27-39 Drift	4	.62%
27-55 Drift	9	1.39%
Total	35	5.41%

Total cars of ore & waste handled during May, 1952: 18,149
Proportion of cars waste Hoisting & Tramming to:

	Cars	Percentage of Total
27-27 Drift	404	2.22%
27-39 Drift	72	.40%
27-55 Drift	145	.80%
Total	621	3.42%

Summary

Drifting Charge $ 1,005.89

Chief Consolidated Mining Company
608 Dooly Building
Salt Lake City, Utah

Proportion of 18-411 Winze Cost Applicable to 2700 Level Exploration

Month of May, 1952

Amount applicable to 2700 Level Development		$ 430.54
Labor - 18-411 Winze Shaft Hoisting	$ 4,559.23	
Supplies	None	
Total unallocated Cost	$ 4,559.23	
Total cars of ore & waste hoisted by 18-411 Winze Shaft	9,930	
Cars of Waste Hoisted from 2700-Level Dev.	621	
Percentage of Total 6.25%		
Total Unallocated Costs $4,559.23 x 6.25%	$ 284.95	
Electric Power Cost directly allocated to 2700-Level Development	145.59	
Total	$ 430.54	

Summary

Drifting Charge $ 430.54

Chief Consolidated Mining Company
608 Dooly Building
Salt Lake City, Utah

Proportion of Pumping Costs Applicable to 2700 Level Exploration

Month of May, 1952

Amount Applicable to 2700 Level Development		$ 580.45
Total Pumping Costs for the Month of May, 1952	$ 16,963.96	
Total number of cars of ore & waste hoisted during April, 1952	18,149	
Total number of cars of waste hoisted from 2700 Level Development during April, 1952	621	
Proportion of Pumping Costs chargeable to 2700 Level Exploration:		
$16,963.96 x $\frac{621}{18,149}$		$ 580.45

Summary

Drifting Charges	$ 580.45

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

September 16, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 1 and 1A, Contract I-DMA-E4 (Lead-Zinc), Chief Consolidated Mining Company, Juab and Utah Counties, Utah-Project No. 1A

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period May, 1952, pertaining to DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company, for Project No. 1A.

W. H. King
W. H. King

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

August 22, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 1 and 1A, Contract I-DMA-44 (Lead-Zinc), Chief Consolidated Mining Company, Juab and Utah Counties, Utah - Operator's Monthly Progress Report, for the period of May 1952, for Project No. 1A

Enclosed are the original and four copies of Form MF-104, 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 $175.63, which is 25 percent of the total of $702.54.

The report is passed for payment subject to findings of an on-site audit which is in process.

W. H. King

Enclosures

JWT:fwo

cc: Sec. Oper. Comm. (2)
Wilson
Contract
Koschmann (2)
Chron

Mining Division
Date Rec'd.
AUG 11 1952
BUREAU OF MINES
Denver, Colorado

August 7, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA-1 and 1A, Contract Idm-E4, Chief Consolidated Mining Co., Eureka, Utah. Project 1A. MF-104 Forms for May 1952.

Enclosed are the required copies of MF-104 forms and supporting data covering expenditures during May 1952 under the subject contract. The property was inspected by W. E. Young June 6, 1952 and the accounts July 29, 1952. Required copies of the progress report are attached.

It is recommended that the operator be reimbursed for May expenditures as noted in the progress report.

Stephen R. Wilson

Stephen R. Wilson

Encls.

S. R. Wilson

August 6, 1952

W. E. Young

DMA 1 and 1A, Contract Idm-E4, Chief Consolidated Mining Co., Eureka, Utah. Project 1A. Progress Report and MF-104 Forms for May 1952.

Underground progress was checked on June 6, 1952. The work reported was preparatory to making ready for shutdown in case of labor difficulty. The accounts were checked with W. W. Watson, secretary, on July 29, 1952. Payroll and invoices for Centennial Development Company were checked in Eureka on July 31 with R. Watts, accountant.

Item 6 - Supplies. Checked and verified correct. Copy of invoices included.

Item 10 - Contract Work. Payroll and invoices of Centennial Development Company checked and verified correct.

Payment is approved for $175.64. This is 25 percent of $702.54, the amount expended on project 1A during the month of May 1952.

W. E. Young

W. E. Young

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 4

Name of Operator Chief Consolidated Mining Company
Docket No. DMA 1 and 1A Project 1
Total Contract Amount $ 140,000.00
Government Participation: 25 % Amount, $ 35,000.00
Distribution of Expenditures for Month of May - 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 22 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

Chief Consolidated Mining Company
(Name of Company)

By W. W. Watson
(Signature of Authorized Official)

June 27-1952
(Date)

Secretary
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	none	2,875.36	2,875.36			
5. Supervision						
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other	16.11	3,684.34	3,700.45			
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	none	188.69	188.69			
	686.43	22,039.85	22,726.28			
10. Contract Work						
11. Other (specify)						
Payroll Taxes	none	74.77	74.77			
ApplicableCompressingEtc	none	3,017.59	3,017.59			
" Hoisting Exp.	none	1,831.36	1,831.36			
" Pumping Exp.	none	981.02	981.02			
Total	702.54	34,692.98	35,395.52	702.54	34,692.98	35,395.52
Deletions						
Adjusted totals						
Totals previously reported				34,692.98		
Totals to date				35,395.52		

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by W. E. Young
Amount approved for payment
Remarks

Schedule DMA 53-32
Sept 12, 1952
175.63

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF May - 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts Underground			16.11	686.43	702.54	Foot	none	77.0	77.0	400.0 ft.
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals			16.11	686.43	702.54		none	77.0	77.0	400.0 ft.

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Re: DMA Docket 1 and 1A Contract Idm - E4

Sinking of 18/411 Winze was suspended, temporarily, until such a time as a suitable contract can be worked out with the local labor union.

WINZING:

18/411 Winze-
No advance during the month of May, 1952.

June 1st, 1952.

J. G. Hall
General Superintendent,
Chief Consolidated Mining Co.

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City Utah

May 31-1952

18-411 Winze Shaft Sinking

Section of Report	Item			Amount
6 - Supplies				$ 16.11
(d) Other: Delta Bus Line			$ .52	
Eureka Machy. & Sup. Co.			2.19	
Bucyrus-Erie So.Milwaukee Wks.			5.30	
The Lang Co.			8.10	
			$ 16.11	
10 - Contract Work;				686.43
Authorized Contractor:				
Centennial Development Co.		$ 686.43		
	Total			$ 702.54

May 31, 1952
Salt Lake City, Utah

Invoice No. 5006

DELTA BUS LINE

March 12, 1952

Consignee: Eureka Machinery & Supply Co.
Eureka, Utah

(for Chief Consolidated Mining Co.)

Shipper: The Lang Co., Inc.
Salt Lake City, Utah

Shipped: 1 package

Shipping Charges	$ .50
Tax	.02
Total	$ .52

May 31, 1952
Salt Lake City, Utah

Express Charge

Shipper: Railway Express Agency
Eureka, Utah

Charge: Eureka Machinery & Supply Co.
(for Chief Consolidated Mining Co.)
Eureka, Utah

April 9, 1952	For Transportation of:		Express Charges
	1 Pkg. Machinery	Value: 50¢ lb. 6 lbs.	$ 2.15
	Date of Shipment	April 2, 1952	Tax .06
	Delivery Sheet No.	72-29-05	
Shipper:	Ingersoll Rand Co. Easton, Pa.		Total $ 2.19

2700 Level Exploration

Shipper's Prepaid Receipt

Shipper: Eureka Machinery & Supply Co.
Eureka, Utah

Date Shipped
4/26/52

Consignee: Bucyrus-Erie South Milwaukee Works
South Milwaukee, Wisconsin

Receipt No.
793

1 Package	Value $ 100.00	Value Charge .15
	Weight 37 lbs.	Express Charge 5.00
		Tax .15
		Total $ 5.30

Total both freight bills $ 7.49

May 31, 1952
Salt Lake City, Utah

Inoivce No. 22485

Vendor: The Lang Company
P. O. Box 479
Salt Lake City 10, Utah

Charge: Eureka Machinery & Supply Co.
(for Chief Consolidated Mining Co.)
Eureka, Utah

March 20, 1952 -	1 Set of 3 matched V Belts (Gilner) B46-R	$ 2.70 per belt	$ 8.10

2700 Level Exploration

INVOICE

Centennial Development Company

Mining Contractors and Engineers

EUREKA, UTAH

Chief Consolidated Mining Company
Eureka, Utah

May - 1952

F2 1M 3-8-51

18/411 Winze Sinking 96-8 DWA	686.43	
		686.43

DETAIL OF COSTS

MAY - 1952

LABOR

Direct	346.25	
Supervision	7.50	353.75
Workmen's Comp. Ins.		13.63
Social Security Taxes		9.55
Group Insurance		5.30
General Expense		1.80
Shop Expense		264.00
		648.03
Surcharge		38.40
		686.43

DETAIL OF COSTS

MAY - 1952

18/411 Winze Sinking 96-C DMA

LABOR

Direct	346.25	
Supervision	7.50	353.75

EXPENSES

Workmen's Comp. Ins.	13.63	
Social Security Taxes	9.55	
Group Insurance	5.30	
General Expense	1.80	
Shop Expense	264.00	294.28
		648.03
Surcharge		38.40
		686.43

CLASSIFICATION OF LABOR

18/411 MINZE SINKING 96-C DIA

MAY - 1952

NAME	CLASSIFICATION	NO. SHIFTS	RATE	REG. PAY	O'TIME SHIFTS	O'TIME PAY	TOTAL
Hebor Cushing	Miner	8	12.80	102.40	1	6.40	108.80
Dennis Dorney	"	8	12.80	102.40	1	6.40	108.80
Richard Sizemore	Hoistman	8	12.30	98.40	1	6.15	104.55
Donald Weierman	Miner	2	12.05	24.10			24.10
Lawrence Stubblefield	Foreman	-5/8	12.00	7.50			7.50
							353.75

Mining Division
Region IV

August 30, 1952

June 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 1 and 1A, Contract I-DMA-E4 (Lead-Zinc) Chief Consolidated Mining Company, Juab and Utah Counties, Utah - Operator's Monthly Progress Report for the period of June 1952, for Project No. 1

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 accomplished is in accordance with the contract and payment is recommended for the amount of $3,555.88, which is 50 percent of the total of $7,111.77.

Remarks:-- The Engineer's Report contains the recommendation for a deduction of $999.54, which is the amount of expenditure in excess of the funds allocated to Project No. 1. However, the full amount reported is passed for payment, without the deduction, contingent on final audit of the project accounts. Documentation in support of charges on Form MF-104 has been waived.

W. H. King
W. H. King

Enclosures

JWT:jp
cc Contract
Chron
Secretary to the Operating Committee (2)
SRWilson
AHKoschmann (2)

Mining Division
Date Rec'd

AUG 11 1952

BUREAU OF MINES
Denver, Colorado

August 7, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA-1 and 1A, Contract Idm-E4, Chief Consolidated Mining Co., Eureka, Utah. Project 1 . MF-104 Forms for June 1952.

Enclosed are the required copies of MF-104 forms and supporting data covering expenditures during June 1952 under the subject contract. The property was inspected by W. E. Young June 6, 1952 and the accounts July 29, 1952. Required copies of the progress report are attached.

It is recommended that the operator be reimbursed for June expenditures as noted in the progress report.

Stephen R Wilson
Stephen R. Wilson

Encls.

S. R. Wilson August 6, 1952

W. E. Young

DMA Docket 1 and 1A, Contract Idm-E4, Chief Consolidated Mining Co., Eureka, Utah. Progress Report and MF-104 Forms for June 1952.

Project 1

During the interim between the inspection for May and June labor trouble developed and it became necessary to abandon the lower working levels to cut down on pumping overhead. As a result the measurements could not be made for June progress. In lieu thereof a notorized certification has been submitted by J. G. Hall, superintendent, verifying that the work has been done. The narrative report and maps are adequate.

Accounts were checked in the Salt Lake office with W. W. Watson, secretary. Payroll and invoices of the Centennial Development Company were checked with R. Watts, accountant, in Eureka on July 31, 1952. Supply and service charges were necessary and do not appear excessive. No certification is made on payroll and supply documents because they are submitted by the subcontractor.

Item 1 - Drifting. Done under contract to Centennial Development Company. Checked and verified correct. Payroll and itemized totals of supplies submitted with report.

Item 8 - Contingencies. This item includes charges for compressing, steel sharpening, hoisting, tramming, and pumping. These charges are prorated against shifts worked or total tons hoisted. The method is considered equitable and reasonable. Verified correct from company accounts.

Form MF-104A shows total footage of drifting and raising. Total drifting done equals 1,663 feet, total allowed 1,800 feet, estimated cost $30 per foot. Unit cost to date is $34.03. Total amount allowed under project 1 for 2,700 level drifting and raising is $63,000. Total expended is $63,999.54. Therefore, delete $999.54.

Payment is approved for $3,056.12. This is 50 percent of $6,112.23, the amount remaining to be expended on 2700 level work.

W. E. Young

W. E. Young

Note: No commitment has been made by the operators regarding plans for the future. In view of the low metal prices and continuing threat of labor trouble, it is considered unlikely the management will pump out the mine and continue with the DMSA project. Therefore, it appears an audit may be in order before final payment of the June MF- 104.

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 June, 1952 Docket No. DMEA 1 & 1A Contract No. 4
Operator's Name Chief Consolidated Mining Company Minerals Gold, Silver Lead and Zinc
Address 608 Dooly Building, Salt Lake City 1, Utah
Contract Amount, $ 63,000.00 Government Participation: 50 % Amount, $ 31,500.00

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	4,241.16	37,152.28	41,393.44			
(2) Labor and Supervision:						
Labor	None	412.19	412.19			
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives	None	11.73	11.73			
Pipe						
Track						
Other	None	149.78	149.78			
(4) Operating Equipment:						
Rental Groating Machine	None	536.41	536.41			
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes	None	11.02	11.02			
Liability Insurance						
Workmens Compensation	None	27.77	27.77			
(8) Contingencies (specify):						
Applicable Compressing Etc	1,138.83	10,154.12	11,292.95			
" Hoisting Exp.	768.52	3,647.96	4,416.48			
" Pumping Exp.	963.26	4,784.51	5,747.77			
TOTALS	7,111.77	56,887.77	63,999.54	~~7,111.77~~	~~56,887.77~~	~~63,999.54~~
				*	176.79	176.79
				**	79.26	79.26
				***	78,688.88	78,688.88
				7,111.77	297,770.18	304,881.95

I certify that the above bill is correct and just and that payment therefor has not been received.
Date June 30, 1952 *Payee Chief Consolidated Mining Company
Per W. W. Watson Title Secretary

*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 delegated in me, I certify that this account is correct and approved for payment in the amount of $ 3555.88

Signature
(Authorized Certifying Officer)
Date 9/22/52 Voucher DMA 53-35
(See other side)

* Adjustment due to wrong totals carried forward to MF104 by operator
** Previous Disallowances
*** Amount paid operator on installation of Pumping System.

(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. 1m-E4 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date 8/1/52

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 June 1952 Docket No. DMEA 1 & 1A Contract No. 4

Operator's Name Chief Consolidated Mining Company Minerals Gold, Silver

Address 608 Dooly Building, Salt Lake City 1, Utah Lead and Zinc

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot	7,111.77	238.0'	$56,596.21	1,663.0'	$34.03	1,800.0'	
Crosscutting								
Raising	Foot	None	None	7,403.33	300.0'	25.68	300.0'	
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		$7,111.77	238.0'	$63,999.54				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased		None						
Initial Rehabilitation and Repairs		None						
New Buildings, Improvements, etc.		None						
TOTAL COSTS		$7,111.77		$63,999.54				

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 June 30, 1952 Operator Chief Consolidated Mining Co.

Per W. W. Watson Title Secretary

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

CECIL FITCH, PRESIDENT & GEN'L MGR.
BERT L. CRIPPS
VICE PRES'T. SECTY. ASST. TREAS.
CECIL FITCH, JR., ASST. GEN'L MGR.
THOMAS CARMICHAEL, TREASURER
W. W. WATSON, ASST. SECTY. ACCT.

JOHN G. HALL, GEN'L SUPT.
H. J. PITTS, CHIEF ENGINEER

Chief Consolidated Mining Co.

EUREKA, UTAH

July 31, 1952.

Mr. W. H. King, Executive Officer,
Defense Minerals Exploration Administration
224 New Custom House Bldg.
Denver, Colorado.

Subject: Docket No. DMEA 1 and 1A
Contract No. 4

Dear Sir:

Due to labor strike we have found it necessary to allow our 2700 level to flood with water and it was inaccessible to your engineers when they visited our property to check DMEA work performed during month of June, 1952.

I hereby certify that work described in operators monthly report and voucher for June, 1952 has been performed as reported, and that I personally measured and inspected this work before area became inaccessible

Yours very truly,

J. G. Hall

J. G. Hall
Gen'l Supt.

CC - DMEA - 5
W. W. Watson

Subscribed and sworn to before me this 31st day of July, 1952.

W. E. Gamble Notary Public

Re: DMA Docket 1 and 1A Contract Idm - E4

The following work was done during the month of June on the Chief No.1 2700 Level:

DRIFTING:

27/27 Drift advanced	(eastmost on accompanying map)	109. feet.
27/56 Drift run	(runs southeasterly from point near face of above 27/27 Drift on accompanying map)	64. feet.
27/55 Drift advanced	(runs southwesterly and westerly-first SWly drift back of face of above 27/27 Drift on accompanying map)	65. feet.
Total footage 2700 Level		238. feet

The above drifts followed more or less mineralized faults and breaks. No new ore deposits were discovered in these extensions.

July 1st,1952.

J.T.Hall
General Superintendent,
Chief Consolidated Mining Co.

Chief Consolidated Mining Company,
608 Dooly Building,
Salt Lake City, Utah

June 30-1952

2700 Level Exploration

Section of Report	Item		Amount
(1)	Contracts:		$ 4,241.16
	Authorized Contractor:		
	Centennial Development Co.	$4,241.16	
(8)	Contingencies:		2,870.61
	Applicable Compressing Etc.	$1,138.83	
	Applicable Hoisting Expense	768.52	
	Applicable Pumping Expense	963.26	
		$2,870.61	
	Total		$ 7,111.77

INVOICE

Centennial Development Company

Mining Contractors and Engineers

Eureka, Utah

Chief Consolidated Mining Company
Eureka, Utah

June, 1952

F2 1M 6-9-52

2700 Level - 96-4 Mill

27/27 Drift	1,988.65
27/55 Drift	1,137.22
27/53 Drift	1,115.29
	4,241.16

[illegible]

[illegible]

[illegible]	2,[illegible].46	
[illegible]	97.50	2,[illegible].96
c/o [illegible] Gas. [illegible] Co.		[illegible].50
[illegible]		[illegible].40
[illegible]'s G[illegible]. Ins.		137.47
[illegible] Country Dues		75.33
Group Insurance		19.32
General Expense		36.71
		3,[illegible].60
Surcharges		285.50
		[illegible]

[illegible]

[illegible] - 1952

27/27 [illegible] - [illegible]

[illegible]

Direct	1,[illegible]	
Supervision	[illegible]	1,[illegible]

[illegible]

[illegible]	[illegible] -	
[illegible]	71.60 -	
[illegible]	[illegible] -	
[illegible]	2.93 -	
Other Goods	18.36 -	
Tools (Warehouse Stock)	4.70 -	
Luxury	6.11 -	375.42

[illegible]

[illegible] Ins.	[illegible]	
[illegible] Security Taxes	[illegible]	
[illegible] Insurance	[illegible]	
[illegible] Insurance	7.65	[illegible]
		1,[illegible]
[illegible]		[illegible]
		[illegible]

[illegible]	106 [illegible]
Cost per ft.	[illegible]

[illegible] OF [illegible]

[illegible] - 1952

27/55 Drift - Steel [illegible]

Labor

Direct	753.[illegible]	
Supervision	[illegible].20	[illegible].19

Supplies

Explosives	136.00	
Drill & Fittings	43.92	
Hose & Fittings	30.15	
Pipe & Fittings	1.79	
Rubber Goods	11.25	
Tools (Warehouse Stock)	2.35	
Sundry	3.74	2[illegible].10

Expense

Workmen's Comp. Ins.	[illegible].35	
Social Security Taxes	27.[illegible]	
Group Insurance	[illegible].13	
General Expense	4.62	[illegible]
		1,[illegible].22
Overhead		[illegible].22
		1,[illegible].22

Advance	35.[illegible]
Cost per ft.	[illegible].37

[illegible] OF [illegible]

[illegible] - 1952

27/56 [illegible] - [illegible]

[illegible]

Direct	7[illegible].12	
Supervision	[illegible]	7[illegible].7[illegible]

[illegible]

Explosives	128.58	
Nail & Fittings	41.25	
Hose & Fittings	2[illegible].32	
Pipe & Fittings	1.69	
Rubber Goods	10.56	
Tools (Warehouse Stock)	2.55	
Sundry	1.52	2[illegible].27

[illegible]

Workman's Comp. Ins.	[illegible].27	
Social Security Taxes	19.01	
Group Insurance	11.39	
General Expense	7.40	[illegible]
		1,0[illegible].0[illegible]
Surcharge		[illegible]
		1,[illegible].20

Revenue	61 [illegible].
Cost per ft.	3[illegible].2[illegible]

CREW TO TOW OF [illegible]

2700 [illegible] 96 [illegible]

[illegible] - 1952

NAME	CLASSIFICATION	HOURS	RATE	AMOUNT	OVERTIME	AMOUNT	TOTAL
Arlo Broderick	Liner	12	[illegible]	[illegible]	1	12.21	
	"	3	[illegible]	[illegible]			345.81
Dennis Dormoy	Liner	12	24.90	298.80	2	24.90	
	"	9-3/8	20.93	196.09	1-3/8	14.42	534.01
Toto Gesualino	Liner	12	24.90	298.80	2	24.90	
	"	9-3/8	20.93	196.09	1-3/8	14.42	534.01
Doreen Lorenzoe	Liner	12	24.42	293.04	2	24.42	
	"	3	21.43	64.29			361.90
Leo Malove	Liner	12	24.90	298.80	2	24.90	
	"	8-3/8	20.93	177.71	1-3/8	14.42	523.53
Perley Fairlese	Liner	12	24.42	293.04	2	24.42	
	"	3	21.43	64.29			361.90
Lawrence Stubblefield	Foreman	1-3/4	12.00	21.00			21.00
		114-3/4		2,712.22	12-3/4	179.41	4,700.26

CHIEF CONSOLIDATED MINING COMPANY
608 Dooly Building
Salt Lake City, Utah

New 2700 Drift Project

	Compressing	Sharpen Steel	Underground Tramming	Hoisting	Cate Riders	Surface Tramming	Total
27-27 Drift	$ 173.21	$ 22.14	$ 103.50	$ 91.99	$ 51.32	$ 84.94	$ 527.10
27-56 "	96.48	12.37	60.97	54.18	30.23	50.03	304.26
27-55 "	96.48	12.37	61.97	55.07	30.73	50.85	307.47
Total	$ 366.17	$ 46.88	$ 226.44	$ 201.24	$ 112.28	$ 185.82	$ 1,138.83

Total Cost for Month of June, 1952:
Basis for arriving at above proportions:

$5,642.14	$683.43	$3,349.61	$2,976.89	$1,660.88	$2,748.89	$17,061.84

Total Compressing Shifts for June, 1942: 1,172
Proportion of Compressing Shifts to:

	Shifts	Percentage of Total
27-27 Drift	36	3.07%
27-56 "	20	1.71%
27-55 "	20	1.71%
Total	76	6.49%

Total Steel Sharpening Shifts for June, 1952: 555
Proportion of Steel Sharpening Shifts to:

	Shifts	Percentage of Total
27-27 Drift	18	3.24%
27-56 "	10	1.81%
27-55 "	10	1.81%
Total	38	6.86%

Total cars of ore & waste handled during June, 1952: 13,318
Proportion of cars waste Hoisting & Tramming to:

	Cars	Percentage of Total
27-27 Drift	412	3.09%
27-56 "	242	1.82%
27-55 "	246	1.85%
Total	900	6.76%

Summary

Drifting Charge $ 1,138.83

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City, Utah

Proportion of 18-411 Winze Cost applicable to 2700 Level Exploration

Month of June - 1952

Amount applicable to 2700 Level Development		$ 768.52
Labor - 18-411 Winze Shaft Hoisting	$ 3,926.26	
Supplies	247.58	
Total Unallocated cost	$ 4,173.84	
Total cars of ore & waste hoisted by 18-411 winze shaft		6,530
Cars of waste Hoisted from 2700-Level Development		900
Percentage of Total 13.78%		
Total Unallocated cost $4,173.84 x 13.78%		$ 575.16
Electric Power cost directly allocated to 2700-Level Development		193.36
Total		$ 768.52

Summary

Drifting Charge $768.52

Chief Consolidated Mining Company,
608 Dooly Building,
Salt Lake City, Utah

Proportion of Pumping Costs applicable to 2700 Level Exploration

Month of June - 1952

Amount applicable to 2700 Level Development	$ 963.26
Total Pumping Costs for the month of June - 1952	$ 14,254.05
Totalnumber of carsof ore & waste hoisted during June - 1952	13,318
Tota number of cars of waste hoisted from 2700 Level Development during June - 1952	900

Proportion of Pumping Costs chargeable to 2700-Level Exploration:

$14,254.05 x $\frac{900}{13,318}$ $ 963.26

Summary

Drifting Charges $ 963.26

LARGE FORMAT DOCUMENTS AT END OF FILE

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

224 New Customhouse
Denver 2, Colorado

July 1, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company, Juab and Utah Counties, Utah, Project No. 1A.

Enclosed is the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report and other supporting data for the period of April, 1952, pertaining to Project No. 1A, DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company.

Only one copy of this Progress Report is available for the Washington office because the report has been in process prior to the date of our instructions to submit two copies. According to our agreement with Mr. Mittendorf and Mr. Chambers, the Washington office will photostat all Progress Reports that were being processed prior to the date of our instructions.

W. H. King
W. H. King

Enclosures

Feb 28, 1952, when I was in Denver.
This 104 is for April and was
prepared by operator on May 24, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 1952

Mining Division
Region IV

June 20, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company, Juab and Utah Counties, Utah - Operator's Monthly Progress Report for the period of April 1952 for Project No. 1A, Shaft Sinking

Enclosed are the original and ~~four~~ three copies of Form MF-104, 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 $3,816.29, which is 25 percent of the total of $15,265.18.

Note: Labor rates paid by subcontractor, in excess of those established under "Exhibit D" attached to the contract, are allowable on the basis of Hofflund's letter dated March 4, 1952 to the Executive Officer, Region IV.

W. H. King
W. H. King

Enclosures

JWT:jp
cc Secty. to the Operating Committee (2)
SRWilson
Contract
Chron
WHKoschmann (2)

Mining Division
Date Rec'd.
JUN 16 1952
BUREAU OF MINES
Denver, Colorado

June 12, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA 1 and 1A, Contract Idma-E4, Chief Consolidated Mining Co., Eureka, Utah, Project 1A. MF-104 forms for April 1952

Enclosed are the original and four copies of MF-104 forms and accompanying data covering the subject project for April 1952. W. E. Young inspected the property April 29, 1952, and prepared the enclosed progress report.

Recommendation is made that repayment to the operator be made in accordance with the progress report.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson June 11, 1952

W. E. Young

DMA 1 and 1A, Contract Idma-E4, Chief Consolidated Mining Co., Eureka, Utah. MF-104 forms for April 1952. Shaft sinking.

The underground inspection was made on April 29, 1952. The progress reported in the shaft had been accomplished.

The accounts were checked in Salt Lake City with Mr. Cornwell, company bookkeeper.

Item 6 Other -

Invoice copies submitted. Checked and verified correct.

Item 10 Contract work -

Invoice and payroll from Centennial Development Co., contractors, submitted. Checked and verified correct.

Item 11 Prorated charges for Compressing, Hoisting, Pumping, etc. Same system of prorating used on shaft sinking as on other DMA work. Checked and verified correct.

Payment is approved for $3,816.29. This is 25 percent of the amount expended, $15,265.18, for shaft sinking for the month of April.

W. E. Young

W. E. Young

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 4

COPY

Name of Operator Chief Consolidated Mining Company
Docket No. DMA 1 and 1A Project 1
Total Contract Amount $ 140,000.00
Government Participation: 25 % Amount, $ 35,000.00
Distribution of Expenditures for Month of April - 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

Chief Consolidated Mining Company
(Name of Company)

By /s/ W. W. Watson
(Signature of Authorized Official)

May 24-1952
(Date)

Secretary
(Title)

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

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	none	2,875.36	2,875.36	none	2,875.36	2,875.36
5. Supervision						
6. Supplies						
(a) Timber						
(b) Explosives						
(c) Repair Parts						
(d) Other	17.40	3,666.94	3,684.34	17.40	3,666.94	3,684.34
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	none	188.69	188.69	none	188.69	188.69
10. Contract Work	11,942.98	10,096.87	22,039.85	11,942.98	10,096.87	22,039.85
11. Other (specify)						
Payroll Taxes etc	none	74.77	74.77	[illegible]	74.77	74.77
Applicable Compressing	1,770.76	1,246.83	3,017.59	1,770.76	1,246.83	3,017.59
" Hoisting Exp.	1,034.30	797.06	1,831.36	1,034.30	797.06	1,831.36
" Pumping Exp.	499.74	481.28	981.02	499.74	481.28	981.02
	15,[illegible]					
Total	15,265.18	19,427.80	34,692.98	15,265.18	19,427.80	34,692.98
Deletions						
Adjusted totals						
Totals previously reported				19,427.80		
Totals to date				34,692.98		

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by /s/ W. E. Young SRW
Amount approved for payment
Remarks

WY
NS

16—64068-3

Schedule DMA 53 - 1
July 1, 1953
3816.29

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April - 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts Underground			$ 17.40	15,247.78	15,265.18	Foot	40.5	36.5	77.0	400.0 ft.
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals			17.40	15,247.78	15,265.18		40.5	36.5	77.0	400.0 ft.

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Re: DMA Docket 1 and 1A Contract Idm - E4

During the month of April, work, extending the three-compartment 18/411 Winze of Chief No.1 Mine, was continued:

Winzing:

18/411 Winze (see map accompanying 2700 Level development)
sunk from Elev. 3855.2 to Elev. 3814.7 40.5 feet.

Pump Station excavated at Elev. 3841.7 1934. cubic feet.

General Superintendent,
Chief Consolidated Mining Co.

May 1st,1952.

Chief Consolidated Mining Company,
608 Dooly Building,
Salt Lake City, Utah

April 30-1952

18-411 Winze Shaft Sinking

Section of Report	Item		Amount
6 - (d)	Supplies-Other;		$ 17.40
	The Lang Co.	$ 10.41	
	Western Sales Engrg. Co.	4.43	
	North Lily Mining Co.	2.56	
		$ 17.40	
10 -	Contract Work		11,942.98
	Authorized Contractors:		
	Centennial Development Co. $ 11,942.98		
11 -	Other		3,304.80
	Applicable Compressing Etc.	$ 1,770.76	
	Applicable Hoisting Exp.	1,034.30	
	Applicable Pumping Exp.	499.74	
		$ 3,304.80	
	Total		$ 15,265.18

April 30, 1952
Salt Lake City, Utah

Invoice No. 24825
Invoice Date - April 21, 1952

Vendor: The Lang Company
P. O. Box 479
Salt Lake City 10

Charge: Eureka Machinery & Supply Co.
608 Dooly Building
Salt Lake City, Utah

For: Chief Consolidated Mining Co.
Eureka, Utah

1 set	of 3 matched V belts (Gilner) B42-R	2.50 per belt	$ 7.50
	Postage		.61
	Sales Tax		.16
			$ 8.27

Invoice No. 24832
Invoice Date - April 21, 1952

4	1/4" SW Female NPT Eastman Couplings	.38	$ 1.52
	Sales Tax		.04
	Postage		.58
			$ 2.14

Total $ 10.41

April 30, 1952
Salt Lake City, Utah

Invoice No. 293
Invoice Date April 7, 1952

Vendor: Western Sales Engineering Co.
375 South West Temple
Salt Lake City 1

Charge: Eureka Machinery & Supply Co.
608 Dooly Building
Salt Lake City

For: Chief Consolidated Mining Co.
Eureka, Utah

6	Gaskets for 4" Evertitle Coupling	.68	$ 4.08
	PP		.27
			$ 4.35
	2% Utah State Tax		.08
			$ 4.43

April 30, 1952
Salt Lake City, Utah

Invoice - April 1, 1952

Vendor: North Lily Mining Company
Eureka, Utah

Charge: Chief Consolidated Mining Company
Eureka, Utah

2-1/2 lbs.	- 1/2" Garlock #262 Packing	$ 2.33
	Handling Charge	.23
		$ 2.56

CLASSIFICATION OF LABOR

18/411 SHAFT 96E-DMA

APRIL - 1952

NAME	CLASSIFICATION	NO. SHIFTS	RATE	REG. PAY	O'TIME SHIFTS	O'TIME PAY	TOTAL
Bob Ashworth	Shaftman	2-¼	20.67	46.51	-¼	2.58	
	"	3-3/8	20.35	68.68	1-3/8	13.99	
	"	6-3/4	23.32	157.41	1-5/8	18.95	
	"	9	23.64	212.76	2-1/8	25.11	545.99
Mike Ashworth	Shaftman	1-1/8	20.67	23.25	-1/8	1.29	
	"	3-3/8	20.35	68.68	1-3/8	13.99	
	"	6-3/4	23.32	157.41	1-5/8	18.95	
	"	9	23.64	212.76	2-1/8	25.11	521.44
Clelon Ames	Hoistman	3-3/8	15.03	50.73	1-3/8	10.33	
	"	2-¼	15.35	34.54	-¼	1.92	
	"	6-3/4	15.81	106.72	1-5/8	12.84	
	"	9	16.13	145.17	2-1/8	17.14	379.39
Isreal Bale	Topman	3-3/8	15.66	52.85	-3/8	2.94	
	"	2-¼	15.98	35.95	-¼	2.00	
	"	4-½	19.71	88.70	1-½	14.78	
	"	6-3/4	19.07	128.82	-3/4	7.15	333.09
Ronald Brewer	Shaftman	2-¼	20.67	46.51	1-¼	12.92	
	"	1-1/8	20.03	22.53	-1/8	1.25	
	Topman	1-1/8	16.30	18.34	-1/8	1.02	
	"	9	19.71	177.39	2	19.71	
	"	3-3/8	19.39	65.44	-3/8	3.63	
	Shaftman	2-¼	23.64	53.10	1-¼	14.77	436.70
Ray Cook	Shaftman	1-1/8	20.03	22.53	-1/8	1.25	
	"	1-1/8	20.67	23.25	-1/8	1.29	
	"	10-1/8	23.96	242.59	2-1/8	25.46	
	"	4-½	23.64	106.38	1-½	17.73	440.48
Frank Coombe	Hoistman	2-¼	15.03	33.82	-¼	1.88	
	"	4-½	14.71	66.20	1-½	11.03	
	"	7-7/8	15.81	124.50	-7/8	6.91	244.34
Dennis Downey	Shaftman	2-¼	23.64	53.18	-¼	2.96	56.14
				2,646.60		310.88	2,957.57

NAME	CLASSIFICATION	NO. SHIFTS	RATE	REG. PAY	O'TIME SHIFTS	O'TIME PAY	TOTAL
Melvin Eatough	Lead Shaftman	2-¼	21.67	48.75	-¼	2.71	
	" "	3-3/8	21.35	72.06	1-3/8	14.68	
	" "	9	24.64	221.76	1	12.32	
	" "	3-3/8	24.32	82.08	-3/8	4.56	458.92
Floyd Marshall	Lead Shaftman	1-1/8	21.03	23.66	-1/8	1.31	
	" "	3-3/8	21.67	73.14	1-3/8	14.90	
	" "	10-1/8	24.96	252.70	2-1/8	26.52	
	" "	4-½	24.64	110.88	-½	6.16	509.29
Merlin Lindquist	Lead Shaftman	2-¼	21.35	48.04	-¼	2.67	
	" "	4-5/8	21.03	97.36	1-5/8	17.08	
	" "	9	24.32	218.88	2	24.32	
	" "	4-½	24.96	112.32	1-½	18.72	539.29
Jerald Drussel	Shaftman	2-¼	20.35	45.79	-¼	2.54	
	"	4-5/8	20.03	92.64	1-5/8	16.27	
	"	9	23.32	209.88	2	23.32	
	"	4-½	23.96	107.82	1-½	17.97	516.23
Heber Cushing	Shaftman	1-1/8	20.03	22.53	-1/8	1.25	
	"	3-3/8	20.67	69.76	1-3/8	14.21	
	"	10-1/8	23.96	242.60	2-1/8	25.46	
	"	4-½	23.64	106.38	1-½	17.73	499.92
John Kohr	Shaftman	2-¼	23.32	52.47	1-¼	14.58	
	Topman	2-¼	16.30	36.68	2-¼	2.04	
	"	3-3/8	15.98	53.93	1-3/8	10.98	
	"	9	19.39	174.51	2	19.39	
	"	4-½	19.07	85.82	1-½	14.30	464.70
Veikko Kauppinen	Miner	1	12.05	12.05			
	Shaftman	2-¼	20.35	45.79	-¼	2.54	
	"	4-5/8	20.03	92.64	2-5/8	26.29	
	"	9	23.32	209.88	2	23.32	
	"	4-½	23.96	107.82	1-½	17.97	538.30
James Maxwell	Shaftman	2-¼	20.35	45.79	-¼	2.54	
	"	4-5/8	20.03	92.64	1-5/8	16.27	
	"	9	23.32	209.88	2	23.32	
	"	4-½	23.96	107.82	1-½	17.97	516.23
				3,586.76		456.21	4,042.88

NAME	CLASSIFICATION	NO. SHIFTS	RATE	REG. PAY	O'TIME SHIFTS	O'TIME PAY	TOTAL
Lief Peterson	Shaftman	2-¼	20.67	46.50	-¼	2.58	
	"	3-3/8	20.35	68.68	1-3/8	13.99	
	"	9	23.64	212.76	2-1/8	25.12	
	"	5-5/8	23.32	131.18	-½	5.83	506.64
Richard Sizemore	Hoistman	3-¼	14.71	47.80	-¼	1.83	
	"	3-3/8	15.35	51.80	1-3/8	10.55	
	"	10-1/8	16.45	166.56	2-1/8	17.48	
	"	4-½	16.13	72.58	1-½	12.10	380.70
Seth Van Leuven	Hoistman	1-3/16	15.82	18.78	-3/16	1.48	
	"	4-½	16.45	74.02	1-½	12.33	106.61
Fred Conklin	Topman	1	18.11	18.11			18.11
Arlo Broderick	Miner	1	12.05	12.05			12.05
Merley Fairless	Miner	1	12.05	12.05			12.05
Lawrence Stubblefield	Foreman	10-½	12.00	126.00			126.00
				1,058.87		103.29	1,162.16 -3-
				2,646.60		310.88	2,957.57 -1-
				3,586.76		456.21	4,042.88 -2-
				7,292.23		870.38	8,162.61

INVOICE

Centennial Development Company

Mining Contractors and Engineers

EUREKA, UTAH

Chief Consolidated Mining Company
Eurek,a Utah

April - 1952

F2 1M 3-8-51

1600 Level 96C-DMA

18/411 Shaft	11,942.98	11,942.98

DETAIL OF COSTS

APRIL - 1952

LABOR

Direct	8,036.61	
Supervision	126.00	8,162.61
Workmen's Comp. Ins.		314.42
Social Security Taxes		220.39
Group Insurance		90.14
General Expense		30.53
Audited Vouchers		28.00
a/c Payable Chief Cons. Mng. Co.		1,532.30
Shop Expense		526.75
		10,905.14
Surcharge		1,037.84
		11,942.98

DETAIL OF COSTS

APRIL - 1952

18/411 Shaft 966-DMA

LABOR

Direct	8,036.61	
Supervision	126.00	8,162.61

SUPPLIES

Explosives	230.36	
Timber	710.94	
Hose & Fittings	158.99	
Pipe & Fittings	108.27	
Iron & Steel	44.42	
Rubber Goods	54.32	
Tools	71.53	
Electric Supplies	135.31	
Sundry	18.16	1,532.30

EXPENSES

Workmen's Comp. Ins.	314.42	
Social Security Taxes	220.39	
Group Insurance	90.14	
General Expense	30.53	
Shop Expense	526.75	1,182.23

AUDITED VOUCHERS

Utah Bit & Steel Service Co.

50 2 1/8" H Bits S. H.	ea. 0	.529	26.45
		Tax	.53
		P.P.	1.02
			10,905.14
Surcharge			1,037.84
			11,942.98

Advance	40½ ft.
Cost per ft.	294.89

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City, Utah

18-411 Winze Shaft Sinking

	Compressing	Sharpen Steel	Underground Tramming	Hoisting	Cage Riders	Surface Tramming	Total
18-411 Winze Shaft	$ 1,032.47	32.76	305.22	154.95	81.65	163.71	$ 1,770.76
Total	$ 1,032.47	32.76	305.22	154.95	81.65	163.71	1,770.76

Total Cost for month of April-1952.
Basis for arriving at above proportions:

	$ 9,805.09	892.76	8,431.47	4,280.42	2,255.47	4,522.42	$ 30,187.63

Total Compressing Shifts for April -1952 1,690
Proportion of Compressing Shifts to:

	Shifts	Percentage of Total
18-411 Shaft	178	10.53%
Total	178	10.53%

Total Steel Sharpening Shifts for April-1952 762
Proportion of Steel Sharpening Shifts to:

	Shifts	Percentage of Total
18-411 Shaft	28	3.67%
Total	28	3.67%

Total cars of ore & waste handled during April - 1952 18,521
Proportion of cars waste Hoisting and Tramming to:

	Cars	Percentage of Total
18-411 Shaft	672	3.62%
Total	672	3.62%

Summary

18-411 Winze Shaft Sinking charges $ 1,770.76

CHIEF CONSOLIDATED MINING COMPANY
608 Dooly Building
Salt Lake City, Utah

18-411 Winze Shaft Sinking

Proportion of 18-411 Winze Cost Applicable to 18-411 Winze Shaft Sinking

Month of April, 1952

Amount Applicable to 18-411 Winze Shaft Sinking		$ 1,034.30
Labor - 18-411 Winze Shaft Hoisting	$ 4,042.55	
Supplies	154.24	
Total Unallocated Cost	$ 4,196.79	
Cars of ores & waste hoisted by 18-411 shaft	10,158	
Cars of waste hoisted from 18-411 Winze Shaft Sinking	672	
Percentage of Total 6.62%		
Total Unallocated cost $4,196.79 x 6.62%	$ 277.83	
Electric Power cost directly allocated to 18-411 Winze Shaft Sinking	756.47	
Total	$ 1,034.30	

CHIEF CONSOLIDATED MINING COMPANY
608 Dooly Building
Salt Lake City, Utah

18-411 Winze Shaft Sinking

Proportion of Pumping Costs Applicable to 18-411 Winze Shaft Sinking

Month of April, 1952

Amount Applicable to 18-411 Winze Shaft Sinking		$ 499.74
Total Pumping Costs for April, 1952	$13,773.31	
Total number of cars of Ore & Waste hoisted during April, 1952	18,521	
Total number of cars of waste hoisted from 18-411 Winze Shaft Sinking during April, 1952	672	
Proportion of Pumping Costs chargeable to 18-411 Winze Shaft Sinking:		
$13,773.31 x $\frac{672}{18,521}$		$ 499.74

Mining Division
Region IV

June 20, 1952

Memorandum

To: T. A. Christensen

From: Acting Chief, Mining Division, Region IV

Subject: DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company, Juab and Utah Counties, Utah - Operator's Monthly Progress Report for the period of April 1952 for Project No. 1

Enclosed are the original and four copies of Form MF-104, 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 $2,525.23, which is 50 percent of the total of $5,050.45.

Note: Labor rates paid by the subcontractor in excess of those established in "Exhibit D" attached to the contract, are allowable on the basis of Hofflund's letter dated March 14, 1952 to the Executive Officer, Region IV.

W. H. King

W. H. King

Enclosures

JWT:jp
cc Secty. to the Operating Committee (2)
SRWilson
Contract
Chron
AHKoschmann (2)

Mining Division
Date Rec'd.
JUN. 16 1952
BUREAU OF MINES
Denver, Colorado

June 11, 1952

Memorandum

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

From: Chief, Utah-Wyoming Branch, Mining Division

Subject: DMA 1 and 1A, Contract Idma-E4, Chief Consolidated Mining Co., Eureka, Utah, Project 1. MF-104 forms for April 1952

Enclosed are the original and four copies of MF-104 forms and accompanying data covering the subject project for April 1952. W. E. Young inspected the property April 29, 1952, and prepared the enclosed progress report.

Recommendation is made that repayment to the operator be made in accordance with the progress report.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson June 12, 1952

W. E. Young

DMA 1 and 1A, Contract Idma-E4, Chief Consolidated Mining Co., Eureka, Utah. MF-104 forms for April 1952

The underground inspection was made on April 29, 1952. The progress reported in the headings had been accomplished. Footage for raising was cut off at 300, the amount of the contract, although considerable additional raising had been done on company account. It will be noted that there are allotted funds remaining for raising because footage costs were lower than the estimate.

The accounts were checked in Salt Lake City with Mr. Cornwell, company bookkeeper.

Item 4 Labor -

An amendment dated August 13 permits wages under company's performance incentive wage plan, allowing rates paid. Payroll submitted.

Item 6 Supplies, Explosives -

Powder and blasting caps $11.73. Correct and verified by invoice.

Item 9 Insurance, Workmen's Compensation -

Covers payroll submitted.

Item 10 Contract Work -

Invoice and payroll from Centennial Development Co., contractors, submitted. Checked and verified correct.

Item 11 Payroll Taxes -

Covers payroll submitted.

Prorated charges for main shaft and mine plant -

Compressing and steel sharpening prorated against total shifts at mine. Checked and verified correct.

Tramming and Hoisting -

Cars of waste hoisted from DMA headings are prorated against total ore and waste hoisted in main shaft. Checked and verified correct.

Prorated charges for 18-411 Winze -

Cars of waste hoisted from DMA headings are prorated against total ore and waste hoisted from 18-411 winze. Checked and verified correct.

Prorated charges for pumping -

Proration based on cars of waste from DMA headings against total ore and waste from entire mine. Checked and verified correct.

Payment is approved for $2,525.23. This is 50 percent of the amount expended, $5,050.45, for the month of April.

W. E. Young

W. E. Young

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

224 New Customhouse
Denver 2, Colorado

June 26, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Form MF-104, DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company, Juab and Utah Counties, Utah

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of April, 1952, pertaining to Project No. 1, DMA Docket 1 and 1A, Contract I-DMA-E4, Chief Consolidated Mining Company.

W. H. King

W. H. King

Enclosures

jp
cc: SRWilson
Contract
Chron
AHKoschmann (2)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1951

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 4

Name of Operator Chief Consolidated Mining Company
Docket No. DMA I and IA Project 1
Total Contract Amount $ 63,000.00
Government Participation: 50 % Amount, $ 31,500.00
Distribution of Expenditures for Month of April - 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 30 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—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.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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.

Chief Consolidated Mining Company
(Name of Company)

By W. W. Watson
(Signature of Authorized Official)

May 24-1952
(Date)

Secretary
(Title)

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

16--64068-6

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]						
(b) Rented[2]						
Groating Machine	none	536.41	536.41	none	536.41	536.41
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]	47.56	364.63	412.19	47.56	364.63	412.19
5. Supervision						
6. Supplies						
(a) Timber						
(b) Explosives	11.73	none	11.73	11.73	none	11.73
(c) Repair Parts						
(d) Other	none	149.78	149.78	none	149.78	149.78
7. Power						
8. Transportation						
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation	3.28	24.49	27.77	3.28	24.49	27.77
10. Contract Work	3,540.75	29,012.94	32,553.69	3,540.75	29,012.94	32,553.69
11. Other (specify)						
Payroll Taxes	1.28	9.74	11.02	1.28	9.74	11.02
ApplicableCompressingEtc.	847.06	8,301.17	9,148.23	847.06	8,301.17	9,148.23
" Hoisting Exp.	313.97	2,903.45	3,217.42	313.97	2,903.45	3,217.42
" Pumping Exp.	284.82	3,919.24	4,204.06	284.82	3,919.24	4,204.06
Total	5,050.45	45,221.85	50,272.30	5,050.45	45,221.85	50,272.30
Deletions						
Adjusted totals						
Totals previously reported				45,221.85		
Totals to date				50,272.30		

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

Note.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by W. E. Young
Amount approved for payment
Remarks

16—64068-3

Schedule DMa 52-63
June 25, 1952
2525.23

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF April - 1952

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting			11.73	2,516.82	2,528.55	Foot	80.5	1,127.5	1,208.0	1,800.0 ft.
Crosscutting										
Raising	$ 47.56			2,474.34	2,521.90	Foot	115.0	185.0	300.0	300.0 ft.
Shafts										
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify)										
Totals	$ 47.56		11.73	4,991.16	5,050.45		195.5	1,312.5	1,508.0	2,100.0 ft.

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

Re: DMA Docket 1 and 1A Contract Idm - 34

The following work was done during the month of April on the Chief No.1 2700 Level:

Drifting:

27/27 Drift advanced	(eastmost on accompanying map)	25. feet.
27/43 Drift run	(runs S'ly from 27/27 Dft.-above)	23. feet.
27/49 Drift run	(runs N'ly from point near face of 27/27 Drift- above)	32½ feet.

Raising:

27/37 Raise completed to 2600 Level	(vertical part from stope over 27/18 Drift- most N'ly drift on accompanying map)	4½ feet.
27/43 Raise run	(from 27/43 Drift- above)	11½ feet.
27/49 Raise run	(eastmost raise on accompanying map)	16. feet.
27/50 Raise advanced	(previously designated as 27/39-1 Raise- from 27/39 Drift running N'ly from 27/27 Drift- above)	16½ feet.
27/52 Raise advanced	(westmost on accompanying map)	66½ feet.
Total footage 2700 Level		195½ feet.

Ore, assaying 8.3 oz. g., 5.2% Pb., 10% Zn. was discovered by means of 27/52 Raise. Previously discovered ore, on and above 27/18 Drift, was mined throughout April- average assay: 10 oz. g., 9% Pb., 14½% Zn. Ore from 27/43 Raise assayed 9.8 oz. g., 9.8 % Pb., 17.3% Zn. Ore from 27/50 Raise assayed 5.2 oz. g., 7% Pb., 12.4% Zn. Ore from 27/27 face- assayed 1 oz. g., 2.3% Pb., 3.3% Zn.

General Superintendent,
Chief Consolidated Mining Co.

May 1st, 1952.

Chief Consolidated Mining Company,
608 Dooly Building,
Salt Lake City , Utah

April 30 - 1952

2700 Level Exploration

Section of Report	Item		Amount
4 - Labor			$ 47.56
6 - (b) Explosives:			11.73
	Eureka Machinery & Supply Co.	$ 11.73	
9 - Insurance			3.28
	Workmans Compensation	3.28	
10 - Contract Work:			3,540.75
	Authorized Contractor:		
	Centennial Development Co.	$3,540.75	
11 - Other:			1,447.13
	Payroll Taxes	1.28	
	Applicable Compressing Etc.	847.06	
	Applicable Hoisting Expense	313.97	
	Applicable Pumping Expense	284.82	
	$	1,447.13	
	Total		$ 5,050.45

Chief Consolidated Mining Company

Distribution of Labor chargeable against
Project 2737 Raise - 96-E D.M.A. for April 1-15, 1952.

Name	Miner	Shifts	Rate	Total	Differential Rate	O.T.	Grand Total
Neil Thomas	"	1	15.53	15.53	.48	--	16.01
Floyd Eatough	"	1	15.53	15.53	.48	--	16.01
Martin Morse	"	1/2	15.53	7.77	--	--	7.77
Gilbert Wightman	"	1/2	15.53	7.77	--	--	7.77
Total		3		46.60	.96		$47.56

April 30-1952
Eureka, Utah
Reqn.# 496

Vendor: Eureka Machinery & Supply Co.,
Eureka, Utah

Charge: Chief Consolidated Mining Co.,
Eureka, Utah

50 lbs. Powder	$ 9.13
10 Electric blasting caps	2.37
Sales Tax	.23
	$ 11.73

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City,Utah

18-411 Winze Shaft Sinking

Payroll Workmen's Compensation Insurance Premium paid by
Chief Consolidated Mining Company

Month	Payroll Amount	Factor	Premium
April - 1952	$ 47.56	.06827	$ 3.28

Factor:
$6.827 per hundred dollars of Payroll
plus 1.00% of Premium amount.

INVOICE

Centennial Development Company

Mining Contractors and Engineers

EUREKA, UTAH

[illegible] Consolidated Mining Company
[illegible], Utah

[illegible] - [illegible]

F2 1M 3-8-51

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Wages	[illegible]	
Superviion	[illegible]	[illegible]

[illegible]

Depreciation	[illegible]	
Rent	[illegible]	
Ins & Taxes	[illegible]	
Other Costs	[illegible]	
Coals	[illegible]	
Indirect Expenses	[illegible]	
Total Cost	[illegible]	[illegible]

[illegible]

Electric Co. Ltd.	[illegible]	
Total Energy Costs	[illegible]	
Gas Consumed	[illegible]	
Coal Consumed	[illegible]	[illegible]

	[illegible]
Overheads	[illegible]
	[illegible]

Income	[illegible]
Cost per Sq.	[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]

[illegible]

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[illegible]		[illegible]
		[illegible]

[illegible]	[illegible]
[illegible]	[illegible]

CLASSIFICATION OF LABOR

2700 LEVEL 96E-DMA

APRIL - 1952

NAME	CLASSIFICATION	NO. SHIFTS	RATE	REG. PAY	O'TIME SHIFTS	O'TIME PAY	TOTAL
Arlo Broderick	Miner	5	25.37	126.85	1	12.68	
	"	7	24.89	174.23			
	"	5	22.55	112.75			
	"	4-1/8	22.07	91.04	2-1/8	23.45	541.00
Jerald Drussel	Miner	4	22.55	90.20	1	11.28	101.48
Merley Fairless	Miner	5	25.37	126.85	1	12.68	
	"	8	24.89	199.12	1	12.45	
	"	4-1/8	22.07	91.04	2-1/8	23.45	
	"	8	22.55	180.40			645.99
Heber Cushing	Miner	1	22.07	22.07			22.07
Pete Goodwine	Miner	5	24.89	124.45	2	24.89	
	"	8	25.37	202.96	1	12.68	
	"	4	22.55	90.20	1	11.28	
	"	9	22.07	198.63	1	11.03	676.12
Norman Larrabee	Miner	5	25.37	126.85			126.85
		82-1/4		1,957.64		155.87	2,113.51

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City, Utah

Payroll Taxes incurred by Chief Consolidated Mining Company

18-411 Minze Shaft Sinking

Month	Payroll Amount	Tax Factor	Payroll Tax
April - 1952	$ 47.56	.027	$ 1.28

Basis of Tax Factor:

Federal Old Age Insurance	.015
Utah State Unemployment	.009
Federal Excise	.003
Total	.027

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City, Utah

New 2700 Drift Project

	Compressing	Sharpen Steel	Underground Tramming	Hoisting	Cage Riders	Surface Tramming	Total
27-37 Raise	$ 11.77	1.16	3.37	1.71	.90	1.81	$ 20.72
27-43 "	22.55	2.32					24.87
27-43 Drift	46.09	4.64	14.33	7.28	3.83	7.69	83.86
27-27 "	46.09	4.64	64.08	32.53	17.14	34.37	198.85
27-49 "	69.62	7.05	50.59	25.68	13.53	27.13	193.60
27-49 Raise	35.30	2.32	11.80	5.99	3.16	6.33	64.90
27-50 "	35.30	3.48					38.78
27-52 "	139.24	14.03	29.51	14.98	7.89	15.83	221.48
Total	$ 405.96	39.64	173.68	88.17	46.45	93.16	$ 847.06

Total Cost for month of April-1952;
Basis for arriving at above proportions:

$ 9,805.09	892.76	8,431.47	4,280.42	2,255.47	4,522.42	$ 30,187.63

Total Compressing Shifts for April-1952 1,690

Proportion of Compressing Shifts to:

	Shifts	Percentage of Total
27-37 Raise	2	.12%
27-43 "	4	.23%
27-43 Drift	8	.47%
27-27 "	8	.47%
27-49 "	12	.71%
27-49 Raise	6	.36%
27-50 "	6	.36%
27-52 "	24	1.42%
Total	70	4.14%

Total Steel Sharpening Shifts for April-1952 762

Proportion of Steel Sharpening Shifts to:

	Shifts	Percentage of Total
27-37 Raise	1	.13%
27-43 "	2	.26%
27-43 Drift	4	.52%

Total Steel Sharpening Shifts cont'd.:

27-27 Drift	4	.52%
27-49 "	6	.79%
27-49 Raise	2	.26%
27-50 "	3	.39%
27-52 "	12	1.57%
Total	34	4.44%

Total cars of ore & waste handled during April-1952 18,521

Proportion of cars waste Hoisting & Tramming to:

	Cars	Percentage of Total
27-37 Raise	7	.04%
27-43 Drift	31	.17%
27-27 "	142	.76%
27-49 "	112	.60%
27-49 Raise	26	.14%
27-52 "	65	.35%
Total	383	2.06%

Summary

Raising Charge	$ 370.75
Drifting Charge	476.31
Total	$ 847.06

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City, Utah

Proportion of 18-411 Winze Cost applicable to 2700 Level Exploration

Month of April - 1952

Amount applicable to 2700-Level Development		$ 313.97
Labor - 18-411 Winze Shaft Hoisting	$ 4,042.55	
Supplies	154.24	
Total Unallocated Cost	$ 4,196.79	
Total cars of ore & waste Hoisted by 18-411 Winze shaft		10,158
Cars of Waste Hoisted from 2700-Level Dev.		383
Percentage of Total 3.77%		
Total Unallocated costs $4,196.79 x 3.77%		$ 158.22
Electric Power cost directly allocated to 2700- Level Development		155.75
Total		$ 313.97

Summary

Raising Charge	$ 80.34
Drifting Charge	233.63
	$ 313.97

Chief Consolidated Mining Company
608 Dooly Building,
Salt Lake City, Utah

Proportion of Pumping Costs applicable to 2700 Level Exploration

Month of April - 1952

Amount applicable to 2700 Level Development	$ 284.82
Total Pumping costs for the month of April - 1952	$ 13,773.31
Total number of cars of ore & waste Hoisted during April - 1952	18,521
Total number of cars of waste Hoisted from 2700 Level Development during April - 1952	383
Proportion of Pumping Costs chargeable to 2700 Level Exploration:	
$13,773.31 x $\frac{383}{18,521}$	$ 284.82

Summary

Raising Charges	$ 72.89
Drifting Charges	211.93
Total	$ 284.82

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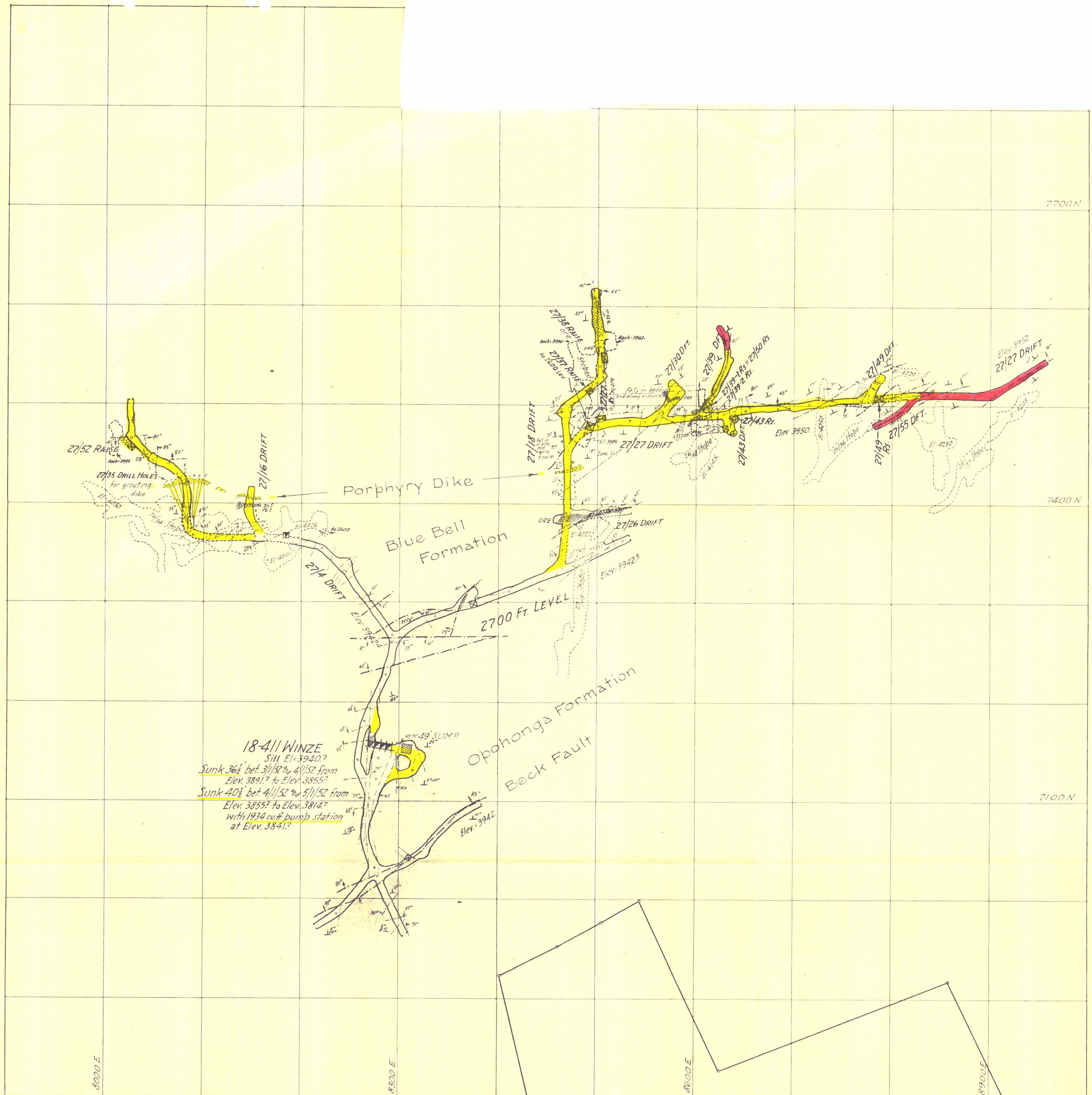
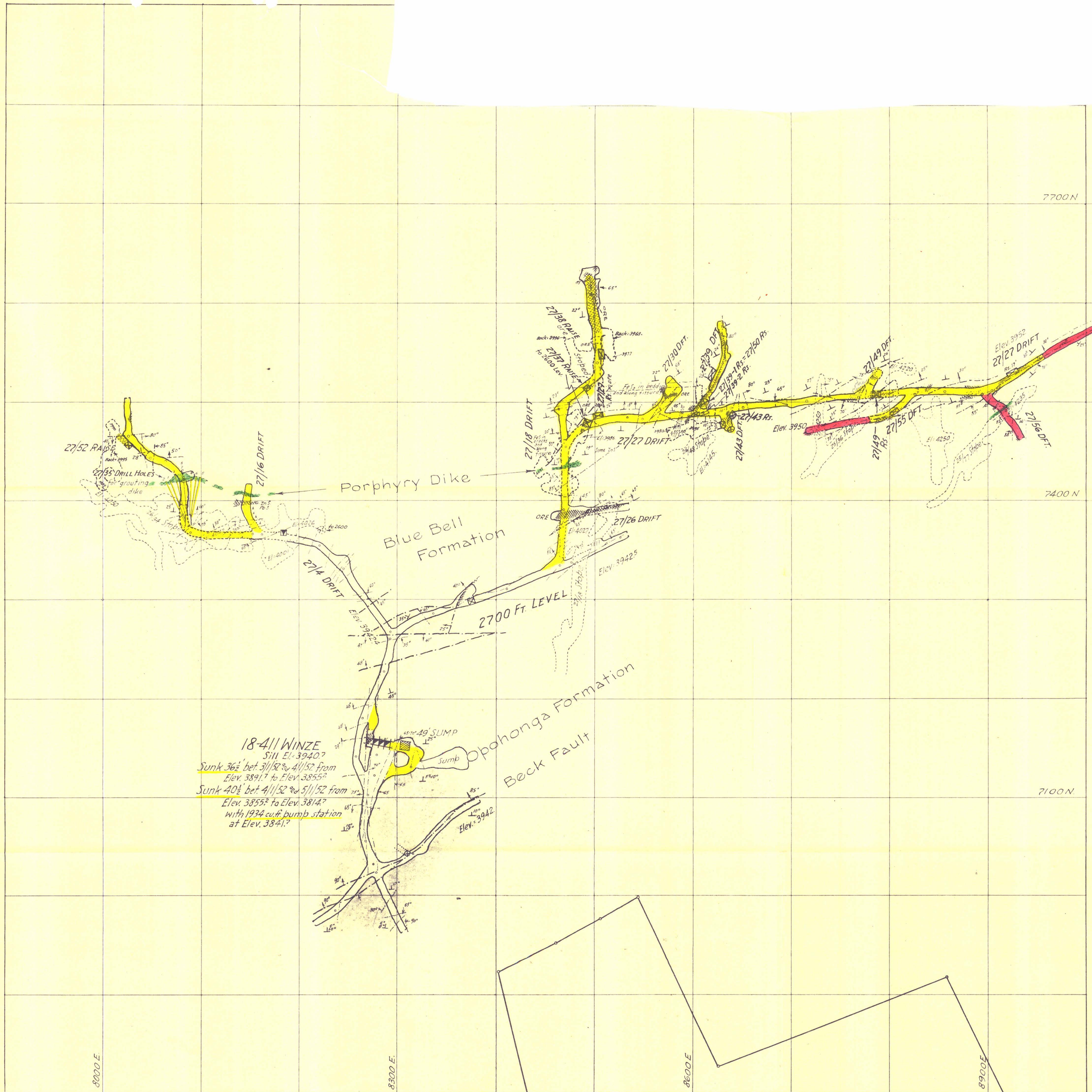
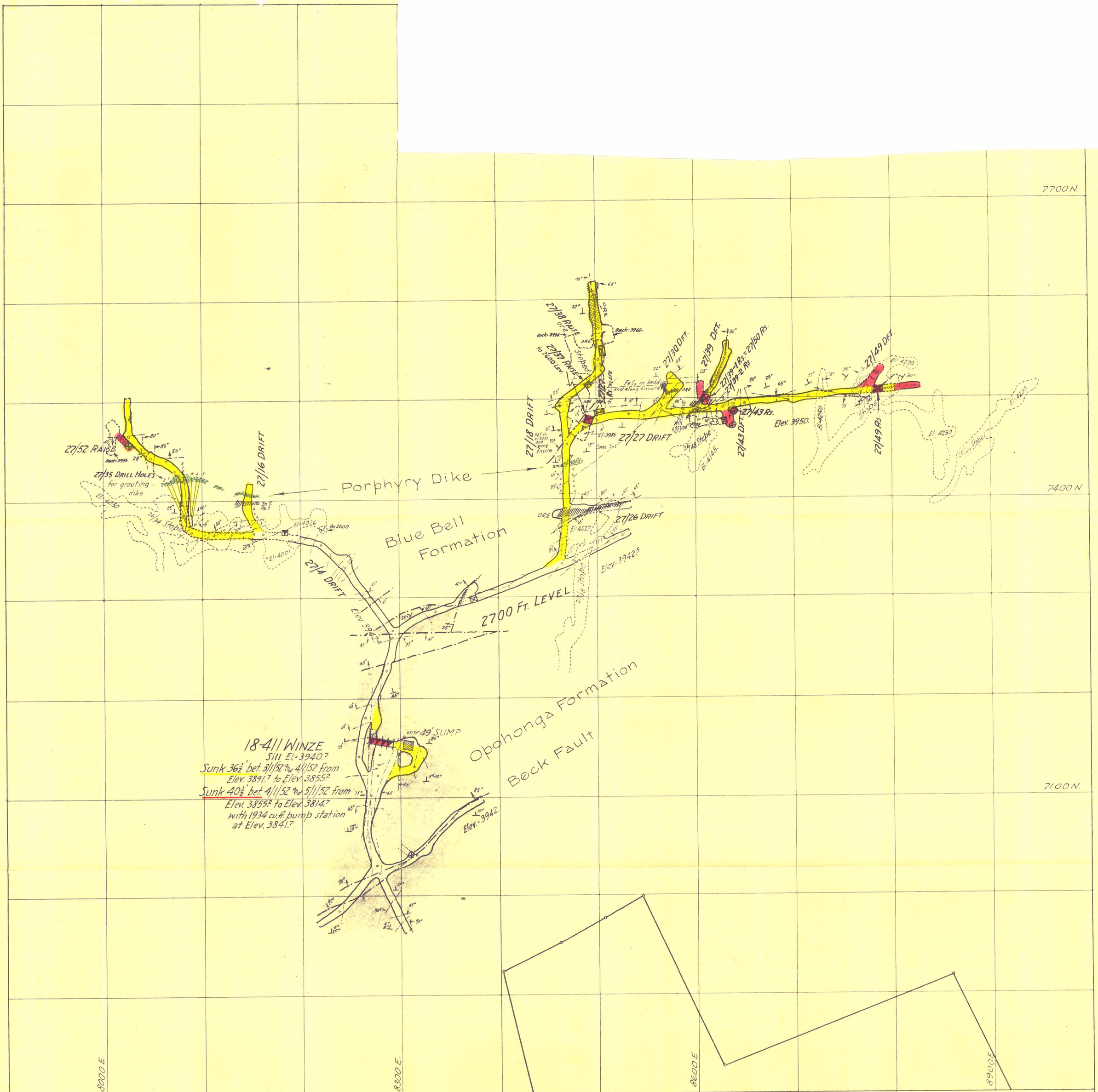


Work done prior to May 1st, 1952.
Work done between May 1st, 1952, and June 1st, 1952.

CHIEF CON. MNG. CO.
2700 LEVEL
Scale: 50'=1"

EXHIBIT A


7700 N
7400 N
7100 N
8000 E
8300 E
8600 E
8900 E
27/38 RAISE
27/37 RAISE
27/30 DFT.
27/39 DFT.
27/39-1 Rs.=27/50 Rs.
27/39-2 Rs.
27/43 Rs.
27/43 DFT.
27/49 DFT.
27/49 Rs.
27/55 DFT.
27/56 DFT.
27/27 DRIFT
27/18 DRIFT
27/52 RAISE
27/35 DRILL HOLES for grouting dike
27/16 DRIFT
Porphyry Dike
Blue Bell Formation
27/26 DRIFT
27/14 DRIFT
2700 FT. LEVEL
Opohonga Formation
Beck Fault
49' SUMP
Sump
18-411 WINZE
Sill El.=3940.?
Sunk 36½' bet. 3/1/52 & 4/1/52 from Elev. 3891.? to Elev. 3855.?
Sunk 40½' bet. 4/1/52 & 5/1/52 from Elev. 3855.? to Elev. 3814.?
with 1934 cu.ft. pump station at Elev. 3841.?
Work done prior to June 1st, 1952
Work done between June 1st, 1952, and July 1st, 1952
CHIEF CON. MNG. CO.
2700 LEVEL
Scale: 50'=1"
EXHIBIT A


7700 N
7400 N
7100 N
8000 E.
8300 E.
8600 E.
8900 E.
27/38 RAISE
27/37 RAISE to 2600 Lev.
27/18 DRIFT
27/27 DRIFT
27/26 DRIFT
27/30 DFT.
27/39 DFT.
27/39-1 Rs.=27/50 Rs.
27/39-2 Rs.
27/43 Rs.
27/43 DFT.
27/49 DFT.
27/49 Rs.
27/52 RAISE
27/35 DRILL HOLES for grouting dike
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Porphyry Dike
Blue Bell Formation
2700 FT. LEVEL
Opohonga Formation
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Sill El.=3940.?
Sunk 36½' bet. 3/1/52 & 4/1/52 from Elev. 3891.? to Elev. 3855.?
Sunk 40½' bet. 4/1/52 & 5/1/52 from Elev. 3855.? to Elev. 3814.? with 1934 cu.ft. pump station at Elev. 3841.?
Work done prior to April 1st, 1952.
Work done between April 1st, 1952, and May 1st, 1952.
CHIEF CON. MNG. CO.
2700 LEVEL
Scale: 50'=1"
EXHIBIT A