DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Base Metals

Report Period 1-1 to 6-30-58

DMEA No.	Operator	Contract No.
2992	Consolidated Eureka Mining Co.	628

ORE ESTIMATES

	Tons	Analysis
DMEA		
Operator to date		
Total		
Production to date		
Ore in ground	4,018	

INVESTMENT

Type	Size	Feet	Cost
Shafts	5' x 11'	828	45,240
Winzes	5' x 9'	175	13,125
Drifts and Crosscuts	5' x 7'	1,710	51,300
Raises			
Drilling	Type		
Rehabilitation	Description: Retimbering shaft	$8,000	

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

12 men employed, extending 650 level drift to adjoining Silver Connor property.

Prepared by W. R. Griswold Date 9-10-58

31390

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

Prepare in duplicate. File original in Official Docket. Send copy

To: Statistics Branch (Code 210)

From: Division of Base Metals

Report Period: Through December 31, 1957

DMEA No.	Operator	Contract No.
299	Consolidated Eureka Mining Company	IDM-E 628

ORE ESTIMATES

	Tons	Analysis
DMEA	8360	24% Pb. 50 oz. Ag/T 0.69 oz. Au/T.
Operator to date	8,000	"
Total	16,360	
Production to date	12,342	
Ore in ground	4,018	

INVESTMENT

Type	Size	Feet	Cost
Shafts	5'x11'	728	$39,740
Winzes	5'x9'	135	9,375
Drifts and Crosscuts	5'x7'	1,060	31,800
Raises			
Drilling	Type		
Rehabilitation	Description: Retimbering Shaft 400-500 foot Level		$8,000

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Prepared by W. P. Klingenschmidt Date 3/13/58

31390

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the Period - January 1 to June 30, 1957

Base Metals Division Date August 14, 1957

Semi-Annual Report - Certified Project Date June 30, 1957

DMEA No. 2992 Operator Consolidated Eureka Mining Company Contract No. Idm-E 628

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (~~Operator~~) T.T.	4,000	24% Pb., 50.5 oz. Ag., 0.69 oz. Au.
Total		
Decrease (Production) (This Period)	2,970	25% Pb., 32 oz. Ag., 0.87 oz. Au.
Net Available		

Investment

Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
5'x 11'	728	$39,740	5'x9'	125	$9,375	5'x7'	1,060	$31,800

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost
						Retimbering Shaft 400-500 ft. level	$8,000

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Twenty men currently employed. Incline Shaft extended to 600 foot level and drilling will start soon. Some good-grade ore developed on 500 foot level. Other work consists of raising by small ore pipes from 300 and 400 levels. Currently shipping ore - 66 tons per week to U.S.&R. Smelter, Murray, Utah.

J. M. Bell

100330

DEFENSE MINERALS EXPLORATION ADMINISTRATION
For the Period July 1 - December 31, 1956

Base Metals Division Date February 5, 1957

Semi-Annual Report - Certified Project Date December 31, 1956

DMEA No. 2992 Operator Consolidated Eureka Mining Company Contract No. Idm-E 628

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)	4,000	
Total		
Decrease (Production)	3,450	25.35% Pb., 35.13 oz. Ag., 0.775 oz Au/ton
Net Available		

Investment

Shafts

Size	Feet	Cost
5' x 11'	428	$23,540.00

Winzes

Size	Feet	Cost
5' x 9'	70	$5,250.00

Drifts & Crosscuts

Size	Feet	Cost
5' x 7'	800	$24,000.00

Raises

Size	Feet	Cost

Drilling

Type & Size	Feet	Cost

Rehabilitation

Description	Cost
Retimbering shaft 400-500 ft. level	$8,000.00

Facilities

Mine Plant

Description	Cost

Mill

Description	Cost

Roads

Description	Cost

Remarks

At present, 26 men working on 3 levels. Ore projected to 400-foot level. Some sulfide ore found on 500-foot level. Currently shipping one 22-ton truck load per day to A.S. & R. Smelter, Murray, Utah.

J. W. Alt

J. W. Alt/er

100338

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the Period January 1 to June 30, 1956

Base Metals Division JWA/er Date July 31, 1956

Semi-Annual Report - Certified Project Date June 30, 1956

DMEA No. 2992 Operator Consolidated Eureka Mining Company Contract No. Idm-E 628

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)	1,302	Same
Total		
Decrease (Production)	4,662	Same
Net Available		

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

Continued active operations; 22 men currently employed.

J. W. Alt

100338

DEFENSE MINERALS EXPLORATION ADMINISTRATION

To JANUARY 1, 1956

Base Metals J.W.A. Division Date June 6, 1956

Semi-Annual Report - Certified Project Date December 1955

DMEA No. 2992 Operator ~~Consolidated Eureka~~ Mining Company Contract No. Idm-E 628

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production)	3342	45 oz. Ag., 0.748 oz. Au., 35% Pb.
Net Available	3658	

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

In current production - 17 men working on two shift basis. An incline shaft being driven to intersect the DMEA ore body 150 feet below the discovery level.

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/58 - 6/30/58 Date of Examination 6/30/58

Operator Consolidated Eureka Mining Co.

Mine Name Diamond Mine

County and State Eureka County, Nevada

Docket Number and Commodity DMEA-2992 (Lead)

Contract Number Idm-E 628

Date of Contract

Date of Certification

Expiration Date of Royalty Payments

8-4 C 220
Com 100
Fry 110
800
NO CHANGE 500

Total Amount of Contract

Total Expenditures under Contract

Amount of Government Participation at % Investment Ratio

Royalty Payments this Period

Previous Royalty Payments

Total Royalty Payments to Date

Percent Government Participation Repaid

NO CHANGE

Royalty Due on Production to Date

Royalty Remarks:

Consolidated Eureka Min. Co. DMEA-2992 Idm-E 628

		Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [ ] Survey [ ] Joint [X]		8,360	24% Pb. 50.5 oz. Ag./T 0.69 oz. Au./T
Revised Estimate of DMEA Reserves (Field Team) Mines [X] Survey [ ] Joint [ ]		16,360	23% Pb. 35 oz. Ag/T 0.85 oz. Au/T
Increase of Reserves by work performed subsequent to DMEA project work		8,000	23% Pb. 35 oz. Ag./T 0.80 oz. Au/T
Production DMEA ore	(This Period)	None	
	(Previous)	8,360	25% Pb. 32 oz. Ag./T 0.87 oz. Au./T
	(To date)	8,360	" " "
Operator's ore found subsequent to DMEA work	(This period)	360	8.4% Pb. 9.9 oz. Ag./T .85 oz. Au./T
	(Previous)	3,982	25% Pb. 32 oz. Ag./T 0.87 oz. Au/T
	(To date)	4,342	24.3% Pb. 31.0 oz. Ag./T .87 oz. Au/T

Percent Revised Reserves mined 78%

Investment Data

Inclined Shafts			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
5'x11'	828	$45,240.	5'x9'	175	$13,125.	5'x7'	1710	$51,300.

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost
						Retimbering shaft	400-500 ft. level $8,000.

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Twelve men now employed, extending the 650 level drift to adjoining Silver Connor property. No ore shipped since May, 1958.

Signed Henry W. Jones (Engineer)
Henry W. Jones

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/57-12/31/57 Date of Examination 12/31/57

Operator Consolidated Eureka Mining Co.

Mine Name Diamond Mine

County and State Eureka County, Nevada

Docket Number and Commodity DMEA-2992 (Lead)

Contract Number Idm-E 628

DMEA
RECEIVED FEB 3 1958

DATE	INITIALS	CODE
2/4	C	220
2/6	~~all~~	~~5~~

Date of Contract

Date of Certification

Expiration Date of Royalty Payments

NO CHANGE

Total Amount of Contract

Total Expenditures under Contract

Amount of Government Participation at %

Royalty Payments this Period

Previous Royalty Payments

NO CHANGE

Total Royalty Payments to Date

Percent Government Participation Repaid

Royalty Due on Production to Date

Royalty Remarks:

[illegible] ANSON [illegible] ANSHEM

[illegible] FINAL FIELD TEAM REPORT

Date 12/4

Referred to:

1. ~~Mr. [illegible]~~
2. ~~Mr. [illegible]~~
3. ~~Mr. Chambers~~
4. Docket Control Mails and Files
5. ~~Division~~
6. Docket Control Mails and Files

Note comments in report regarding:

1. Investment data
2. Revised reserves
3.
4.

and take appropriate action.

- - - - - - - - - -

Action taken by Division:

Robert E. Adams

DMEA-2992 Idm-E

		Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [ ] Survey [ ] Joint [x]		8,360	24 % Pb. 50.5 oz. Ag/T 0.69 oz. Au/T
Revised Estimate of DMEA Reserves (Field Team) Mines [x] Survey [ ] Joint [ ]		16,360	23 % Pb. 35. oz. Ag/T 0.85 oz. Au/T
Increase of Reserves by work performed subsequent to DMEA project work		8,000	" " "
Production DMEA ore	(This Period)	None	? 20% Pb. 20 oz. Ag/T 1.0 oz. Au/T
	(Previous)	8,360	25 % Pb. 32 oz. Ag/T 0.87 oz. Au/T
	(To date)	8,360 x	" " "
Operator's ore found subsequent to DMEA work	(This period)	1,260 ✓	20% Pb. 20 oz. Ag/T 1.0 oz. Au/T
	(Previous)	2,722 x	" " "
	(To date)	3,982	" " "

11,082
1,260
12,342

Percent Revised Reserves mined 75.5%

Investment Data

Inclined Shaft			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
5'x11'	828	$45,240.	5'x9'	175	$13,125.	5'x7'	1,210	$36,300.

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost
						Retimbering shaft 400-500 ft. level	$8,000.

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Fourteen now currently employed. The 30° inclined shaft extended to 650 level and some drifting completed off this level. Small amount of ore found in cave off 650 level. Most ore obtained from the 300 level north winze. Present reserves equal to another year's production. ✓

Signed: [signature] (Engineer)
Henry W. Jones

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/57 - 6/30/57 Date of Examination 6/30/57

Operator Consolidated Eureka Mining Company

Mine Name Diamond Mine

County and State Eureka County, Nevada

Docket Number and Commodity DMEA-2992 (Lead)

Contract Number Idm-E 628

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 5 1957

DATE	INITIALS	CODE
8/8	Com.	100
8/9	Jun	

Date of Contract 10/26/53

Date of Certification 1/13/55

Expiration Date of Royalty Payments 10/26/63

Total Amount of Contract $57,050.00

Total Expenditures under Contract $49,912.00

Amount of Government Participation at 50% $24,956.00

Royalty Payments this Period None

Previous Royalty Payments $24,956.00

Total Royalty Payments to Date $24,956.00

Percent Government Participation Repaid 100%

Royalty Due on Production to Date None

Royalty Remarks: Total royalty paid January 14, 1955.

Consolidated Eureka Mining Co. DMEA-2992 Idm-E 628

		Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [ ] Survey [ ] Joint [X]		8,360	24% Pb. 50.5 oz Ag/T 0.69 oz. Au/T
Revised Estimate of DMEA Reserves (Field Team) Mines [X] Survey [ ] Joint [ ]		12,360	"
Increase of Reserves by work performed subsequent to DMEA project work		4,000	"
Production DMEA ore	(This period)	2,970	25% Pb. 32 oz. Ag/T 0.87 oz. Au/T
	(Previous)	8,112	"
	(To date)	11,082	"
Operator's ore found subsequent to DMEA work	(This period)		
	(Previous)		
	(To date)		

Percent Revised Reserves mined 89.7%

Investment Data

Inclined Shaft			Winzes			Drifts & Crosscuts		
Size	Feet	Cost	Size	Feet	Cost	Size	Feet	Cost
5'x11'	728	$39.740.	5'x9'	125	$9,375.	5'x7'	1,060	$31,800.

Raises			Drilling			Rehabilitation	
Size	Feet	Cost	Type & Size	Feet	Cost	Description	Cost
						Retimbering shaft 400-500-ft. level	$8,000.

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Twenty men currently employed. Inclined shaft extended to 600-foot level and drifting will start soon. Some good-grade ore discovered on 500-foot level. Other owrk consists of sinking on small ore pipes from 300 and 400 levels. Currently shipping ore - 66-ton lot per week to A.S.&R. Smelter, Murray, Utah.

Signed Henry W. Jones (Engineer)
Henry W. Jones

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/56 - 12/31/56 Date of Examination 12/31/56

Operator Consolidated Eureka Mining Company

Mine Name Diamond Mine

County and State Eureka County, Nevada

Docket Number and Commodity DMEA-2992 (Lead)

Contract Number Idm-E 628

RECEIVED JAN 28 1957 D.M.E.A.

Date of Contract 10/26/53

Date of Certification 1/13/55

Expiration Date of Royalty Payments 10/26/63

Total Amount of Contract $57,050.00

Total Expenditures under Contract $49,912.00

Amount of Government Participation at 50 % $24,956.00

Royalty Payments this Period 0

Previous Royalty Payments $24,956.00

Total Royalty Payments to Date $24,956.00

Percent Government Participation Repaid 100%

Royalty Due on Production to Date 0

Royalty Remarks: Total royalty paid on January 14, 1955.

ACTION ON INTERIM
OR FINAL FIELD TE[illegible] REPORT
Date 2[illegible] JAN 1957

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~Bus. Mgr.~~ Divisio
6. Docket Control Mails and Files

Jva

Note comments in report regarding:

1. Reserves up — Investment data
2. Not DMEA in
3. in order
4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

All taken care of in our Annual Report.

J.C.

Robert E. Adams

Diamond Mine Idm-E 628 DMEA-2992

ns Analysis

Original Estimate of DMEA Reserves (Field Team Final Report) Mines / / Survey / / Joint / x /	8,360	24%Pb. 50.5oz.Ag. 0.69 oz. Au.
Revised Estimate of DMEA Reserves (Field Team) Mines / x / Survey / / Joint / /	12,360	Wrong
Increase of Reserves by work performed subsequent to DMEA project work	4,000	
Production DMEA ore (This period)	3,450	
(Previous)	4,662	oz. Ag.
(To date)	8,112	25.35% Pb. 35.13/ 0.775 oz. Au.
Operator's ore found subsequent to DMEA work (This period)		
(Previous)		
(To date)		

Percent Revised Reserves mined 65.6%

Investment Data

Shafts Size	Shafts Feet	Shafts Cost	Winzes Size	Winzes Feet	Winzes Cost	Drifts & Crosscuts Size	Drifts & Crosscuts Feet	Drifts & Crosscuts Cost
5'x11'	428	$23,540.	5'x9'	70	$5,250.	5'x7'	800	$24,000.

Raises Size	Raises Feet	Raises Cost	Drilling Type & Size	Drilling Feet	Drilling Cost	Rehabilitation Description	Rehabilitation Cost
						Retimbering shaft 400-500 ft, level	$8,000.

Facilities

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

Remarks

At present, 26 men working on 3 levels. Ore projected to 400-foot level. Some sulfide ore found on 500-foot level. Currently shipping one 22-ton truck load/day to A. S. & R. Smelter, Murray, Utah.

Signed Henry W. Jones (Engineer)

Henry W. Jones

678

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 1/1/56 - 6/30/56 Date of Examination 6/30/56

Operator Consolidated Eureka Mining Co.

Mine Name Diamond Mine

County and State Eureka County, Nevada

Docket Number and Commodity DMEA-2992 (Lead)

Contract Number Idm-E628

Date of Contract 10/26/53

Date of Certification 1/13/55

Expiration Date of Royalty Payments 10/26/63

Total Amount of Contract $57,050.00

Total Expenditures under Contract $49,912.00

Amount of Government Participation at 50 % $24,956.00

Royalty Payments this Period -0-

Previous Royalty Payments $24,956.00

Total Royalty Payments to Date $24,956.00

Percent Government Participation Repaid 100%

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JUL 26 1956

Royalty Due on Production to Date -0-

Royalty Remarks: Total royalty paid on January 14, 1955.

ACTION ON INTERIM 2992
OR FINAL FIELD TEAM REPORT
Date _____

Referred to:

1. ~~Mr. Mittendorf~~
2. ~~Mr. Johnson~~
3. ~~Mr. Chambers~~
4. ~~Docket Control Mails and Files~~
5. ~~Open Mutual~~ Division
6. Docket Control Mails and Files

Note comments in report regarding:

1.

2.

3.

4.

and take appropriate action.

- - - - - - - -

Action taken by Division:

Letter prepared seeking further information concerning Mortgaged being given on the property - Letter

Robert E. Adams

Original Estimate of Reserves
DMEA Final Report

	Tons	Grade
Measured:		
Indicated:	1,400	24% Pb; 50.5 oz. Ag; 0.69 oz. Au
Inferred:	6,960	
	8360	

Increase (or Decrease) of Reserves
Work performed subsequent to original and last Field Team estimate:

	Tons	Grade
Measured:		
Indicated: +	1,302	
Inferred:		
Revised Estimate of Reserves	5,000	24% Pb; 30 oz. Ag; 0.60 oz. Au ✓ good
Production this Period	1,320	
Amount of Previous Production	3,342	Should have $ figures
Total DMEA Production to Date	4,662	

Production Remarks:

Other Remarks: Continued active operation; 22 men currently employed.

What are They doing? — Investments?

8360
4662
3698
1320
5000

Signed Glenn G. Gentry
Glenn G. Gentry

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APR 25 1956

SEMI-ANNUAL REPORTS OF CERTIFIED PROJECTS

Reporting Period 7/1/55-12/31/55 Date of Examination Dec. 1955

Operator Consolidated Eureka Mining Co.

Mine Name Diamond Mine

County and State Eureka County, Nevada

Docket Number and Commodity DMEA-2992 (Lead)

Contract Number Idm-E628

Date of Contract 10/26/53

Date of Certification 1/13/55

Expiration Date of Royalty Payments 10/26/63

Total Amount of Contract $57,050.00

Total Expenditures under Contract $49,912.00

Amount of Government Participation at 50 % $24,956.00

Royalty Payments this Period None

Previous Royalty Payments $24,956.00

Total Royalty Payments to Date $24,956.00

Percent Government Participation Repaid 100%

Royalty Due on Production to Date None

Royalty Remarks: Total royalty paid on January 14, 1955.

2992

4.25

Referred to:

2. [redacted]

3. [redacted]

4. Docket Control Mails and Files Division

5. Docket Control Mails and Files

Note comments in report regarding:

1. One reserves up

2.

3.

4.

and take appropriate action.

Action taken by Division:

ROBERT E. ADAMS

Original Estimate of Reserves
DMEA Final Report

	Tons	Grade
Measured:		
Indicated:	1400	24% Pb; 50.5 oz. Ag; and 0.69 oz. Au
Inferred:	6960	
Increase (or Decrease) of Reserves Work performed subsequent to original and last Field Team estimate:	8360 3342 5018	

	Tons	Grade
Measured:		
Indicated:	1982 1034	24% Pb; 50.5 oz. Ag; and 0.69 oz. Au
Inferred:	3342 7000	
Revised Estimate of Reserves	7000	
Production this Period	618	
Amount of Previous Production	2724	
Total DMEA Production to Date	3342	35%Pb; 45 oz. Ag; 0.748 oz. Au

Production Remarks: In current production - 17 men working on two shift basis. An incline shaft being driven to intersect the DMEA ore body 150 feet below the discovery level.

Other Remarks:

Signed _____
~~S. RICKER~~
for H W Jones

REGION II
SEMI-ANNUAL REPORT
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Docket No.: DMEA-2992 (Lead) **Date:** 12/31/55

RECEIVED
JAN 17 1956

Contract No.: Idm-E628

Operator: Consolidated Eureka Mining Co.
132 South Main Street
Salt Lake City, Utah

Diamond Mine
Eureka County, Nevada

Date of Contract: 10/26/53 **Completion Date:** 8/1/54

	Total	Expenditures	Gov't Participation
Amount of Contract:	$57,050.00	$49,912.00	$24,956.00

Date Certified: 1/13/55

Estimated Reserves

DMEA Project	Tons	Grade	Gross Value
Measured:	-		
Indicated:	1,400	Av. 24%, Pb, 50.5 oz. Ag,	
Inferred:	6,960	and 0.69 oz. Au	$1,254,000.00
January 1, 1956			
Measured:	1,000	Av. 35% Pb, 45 oz. Ag	$1,202,250.00
Indicated:	0	0.748 oz. Au	
Inferred:	6,000		

	This Period	Todate	Gross Value
Production:	618 tons	3,342 tons	$565,000

	This Period	Todate	Percent Payment
Royalty:	0	$24,956.00	100

Status: In active operation. The exploration loan was completely repaid January 14, 1955.

RECEIVED
JUL 12 1955

REGION II
SEMI-ANNUAL REPORT
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Docket No.: DMEA-2992 - (Lead) **Date:** June 30, 1955

Contract No.: Idm-E628

Operator: Consolidated Eureka Mining Co.,
132 South Main Street,
Salt Lake City, Utah.

(Diamond Mine,
Eureka County, Nevada)

Date of Contract: October 26, 1953 **Completion Date:** August 1, 1954

	Total	Gov't Participation	Operator
Amount of Contract:	$57,050.00	$28,525.00	$28,525.00
Expenditures:	$49,912.00	$24,956.00	$24,956.00

Date Certified: January 13, 1955

Status: Mining and development currently in progress by the company.

	Tons	Grade	Gross Value	Deductions	Net Value
Total Production DMEA:	*				

	This Period	Todate	Percent Payment
Royalty:	$100.00	$24,956.00	100

Remarks:

*Production from August 1954 through December 1954 amounted to 927 tons of lead-silver-gold ore which averaged 37.38% lead, 50.63 oz. silver per ton, and 0.75 oz. gold per ton. Gross value was $134,409.02.

Production statistic for this period not available.

SEMI-ANNUAL DMEA REPORT

Docket No.: DMEA-2992 (Lead) December 31, 1954

Contract No.: Idm-E628

Period: (Second) July 1, 1954 to December 31, 1954

Date of contract: October 26, 1953

Exploration work completed: DMEA exploration suspended Aug. 1, 1954. Operator requested cancellation of contract.

Name and address of operator: Consolidated Eureka Mining Co., 132 South Main Street Salt Lake City, Utah

Name and location of property: Diamond Mine, Eureka County, Nevada, 6 miles south of Eureka.

Date Certified:

A Certificate of Discovery has been recommended by the examining engineers; but it has not as yet been issued by the Administrator, DMEA.

Expenditures:

Operator	Government	Total
$24,956.00	$24,956.00	$49,912.00

Statement of operations:

DMEA exploration comprised shaft and drift rehabilitation and 453 feet of drifting.

Production from August 1954 through December 1954 amounted to 927 tons of lead-silver ore which averaged 0.75 ounces gold; 50.63 ounces silver per ton and 37.38 percent lead. The total value of this ore was $134,409.02; transportation and sampling charges were $12,624.57; leaving a net value of the ore at $121,784.45. Royalty payments of $24,856.00 have been made which pays all but $100.00 of the Government's share of the exploration contract.

Smelter settlement sheets and a statement of royalty payments were furnished the Mining Section, Region II, by the Regional Office.

Remarks:

The company is producing high grade lead-silver ore from a pipe-like ore body encountered by DMEA exploration. A cancellation of the contract has been requested by the operator as the Government's share of the exploration expense has been about repaid.

A. C. Johnson

A. C. Johnson
Mining Engineer

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 6 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, California

Date: November 1, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -
Docket DMEA -2992

Contract Idm-E 628

Commodity Lead

Operator - Consolidated Eureka Mining Co.

Property - Diamond Mine
Eureka County, Nevada

By Henry W. Jones, Mining Engineer

Dated October 27, 1954

Executive Officer,
DMEA Field Team, Region III

Attachments

Copy to: R. M. Smith--USGS (with copy of report)
Finance Officer, Region III (with copy of report)

2992

ACTION ON ~~INTERIM~~
OR FINAL FIELD TEAM REPORT

Date 11-5

Referred to:

1. ~~Mr. Mittendorf~~
3. ~~2. Mr. Johnson~~
~~2. 3. Mr. Chambers~~
4. Docket Control Mails and Files
5. _____ Division
6. Docket Control Mails and Files

Note comments in report regarding:

1. Termination plus Certification - (mutual agmt)
2.
3.
4.

and take appropriate action.

- - - - -

Action taken by Division:

don't detach

ROBERT E. ADAMS

Initials

Minerals Administration
RECEIVED
NOV 8 - 1954

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) October 27, 1954

Name and address of operator: Consolidated Eureka Mining Co.
132 S. Main Street
Salt Lake City 1, Utah

Name and location of property: Diamond Mine
Eureka County, Nevada

Contract No.: Idm-E628

SUMMARY

The Diamond Mine was inspected on October 14, 1954 to check if any further work had been done under terms of the DMEA exploration project. It was determined that nothing further had been done under terms of the contract since the footage reported in the interim report dated August 27, 1954.

Mining of the high grade lead-silver stope is still in progress with ore shipments trucked to the smelter at Midvale, Utah.

RECOMMENDATIONS

The operators have expressed a desire that the contract be terminated inasmuch as the purpose of the loan has been accomplished, and no further work is contemplated under the present contract.

It is therefore again recommended that:

1. The contract be terminated immediately.
2. A certificate of discovery be made on the property.

Henry W. Jones
Mining Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, Calif.

Date: September 1, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 2992

Contract Idm-E 628

Commodity Lead

Operator - Consolidated Eureka Mining Company

Property - Diamond Mine, Eureka County, Nevada

By Henry W. Jones, Mining Engineer

Dated August 27, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

BUREAU OF MINES
WASHINGTON, D. C.
SEP 7 12 51 PM '54

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) August 27, 1954

Name and address of operator: Consolidated Eureka Mining Co.,
132 S. Main Street
Salt Lake City 1, Utah

Name and location of property: Diamond Mine
Eureka County, Nevada

Contract No.: Idm-E628

SUMMARY

The Diamond Mine was inspected on Aug. 10, 1954. Progress consisted of extending the 3rd level drift northward an additional 69 feet for a total heading advance of 453 feet. High grade lead-silver-gold ore was encountered at 428 feet and penetrated for 25 feet before the opposite wall was reached.

Current plans are to drift in the ore along the south wall until the main Dominic fault has been encountered.

CONCLUSIONS AND RECOMMENDATIONS

Current ore shipments of high grade lead, silver and gold ore constitute a discovery from the mine.

As a result of this work and in order to more fully determine the amount of ore shipped, it is recommended a certificate of discovery be made so that a copy of ore settlement sheets be made available to the Government as the work progresses.

STATEMENT OF WORK COMPLETED

The Diamond Mine, situated about four miles southwest of Eureka, Nev., was visited in company with Roger Caywood, resident engineer, on Aug. 10, 1954. Work since the previous inspection of July 13, 1954 consisted of extending the 3rd level drift northward under terms of the DMEA exploration loan an additional 69 feet. Total heading advance under the contract terms was 453 feet.

Two small mineralized pipes were noted in a generally oxidized dolomitized limestone. At a point 428 feet from the point of beginning, a high grade lead-silver-gold ore was encountered and penetrated for 25 feet before the opposite limestone wall was reached. The limestone wall was penetrated only a short distance before drifting was temporarily terminated and mining of ore was started.

A drift along the south wall of the ore body, in ore, has been started on company account. Present plans are to use it as a means of blocking out the ore structure and for use as a slusher drift. Drifting will continue along this wall until the main Dominic fault has been encountered.

COMMENTS

At the time of the inspection, ten truck loads of ore, averaging 12 tons per load, had been shipped to the U. S. Smelting and Refining Co. at Midvale, Utah. Rates were quoted at 4 cents per ton mile. Assays of car samples received by the company to date reportedly averaged 51% Pb, 67 oz Ag and 0.72 oz. Au. Occasional boulders of galena within the cerrusite,

anglesite, matrix reportedly assayed 384 oz. Ag. There had been no settlement sheets received at the mine for ore shipped.

Two general samples were taken by the visiting engineer but results have not yet been received.

Henry W. Jones
Henry W. Jones
Mining Engineer

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

Defense Minerals Administration
ACCOUNTS RECEIVED
AUG 31 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1954 Docket No. DMEA Contract No. IDM-E 628
Operator's Name Consolidated Eureka Mining Company Minerals Lead
Address 132 So. Main Street, Salt Lake City, Utah
Contract Amount, $ 57,050.00 Government Participation: 50% Amount, $ 28,525.00

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 Rehab.		24,960.00	24,960.00			
Bulldozing rehabilitation		6,290.00	6,290.00			
Crosscutting	3,999.00	14,663.00	18,662.00			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3,999.00	45,913.00	49,912.00			

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

Date Aug. 16, 1954 Payee Consolidated Eureka

Per L. J. Kennell Title Secretary-Treasurer

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

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

(Instructions on reverse)

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

$ 1999.50

Signature [illegible]
(Authorized Certifying Officer)

Date AUG 26 1954 Vou. No. SF-DMEA-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. Nm-#E628 in accordance with the terms of the contract.

Signature George H. Holmes, Jr. Title Mining Methods Research Engr. Date Aug. 20, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date August 23, 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

ACCOUNTS AUG 24 1954
Defense Minerals Administration
RECEIVED
AUG 31 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1954 Docket No. DMEA 2992 Contract No. IDM-E 628
Operator's Name Consolidated Eureka Mining Co. Minerals Lead
Address 132 So. Main St. Salt Lake City, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Feet	3,999.00	93.0	18,662.00	434.0		600	43.00
~~Crosscutting~~ Shaft Rehab.	"	--	--	6,290.00	850.00		850	7.40
Raising								
Shafts Rehabilitation	"	--	--	24,960.00	320		320	78.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS							TOTAL COSTS AUTHORIZED BY CONTRACT	
Operating Equipment Purchased							57,050.00	
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3,999.00		49,912.00				

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

Date August 16, 1954 Operator Consolidated Eureka Mining Co.

Per [signature] Title Secretary-Treasurer

REMARKS: A good grade (Au- 0.61, Ag- 73.8, Pb- 16.2) of ore, of mineable proportions, was first encountered at 428 feet.

→ 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

Department of the Interior
Bureau of Mines Administration
RECEIVED
AUG 31 1954

CONSOLIDATED EUREKA MINING CO.

GENERAL OFFICES 132 MAIN STREET
SALT LAKE CITY 1, UTAH

MINES AT
EUREKA, NEVADA

Eureka, Nevada
August 13, 1954

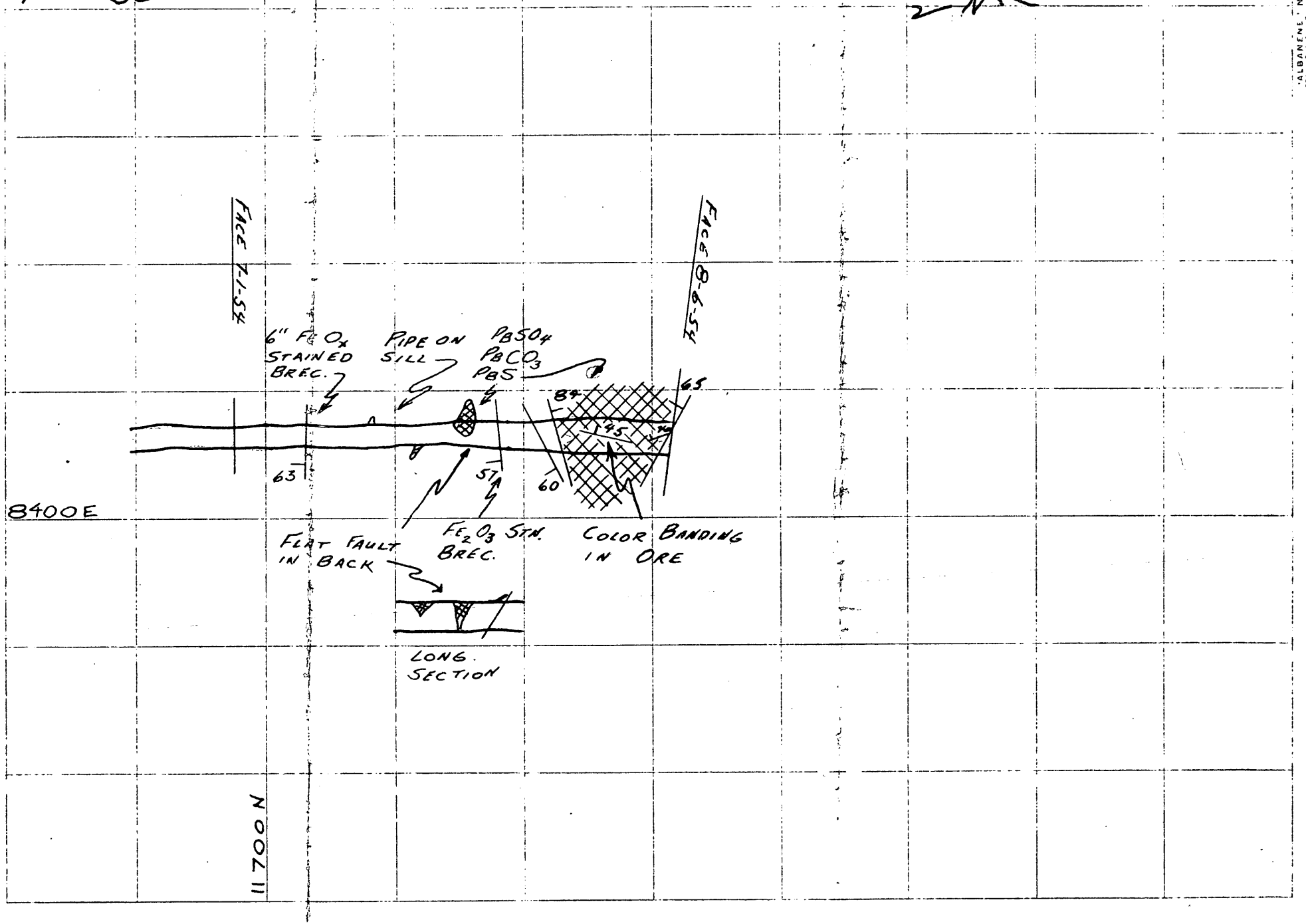
PROGRESS REPORT -- CONSOLIDATED EUREKA MINING CO. - Docket No. DMA 2992 - For the month of July 1954.

A total of 93.0 feet of advance was made in the Third Level drift during the month of July. This gives a total length, to the end of July, of 432.0 feet.

Ore was first encountered at 393.0 feet and was confined to two small pods of ore. They were roughly mushroom shaped bodies pinching out downward and having their maximum dimensions immediately below a horizontal fault exposed in the back of the drift. At 421.0 feet ore of minerable proportions was encountered. The drift is surrounded completely by ore and is composed of mainly enargite with cerussite, galena, and plumbojarosite. An average grade of the ore, on the first lot shipped (13.15 tons) was Au- 0.61 oz., Ag- 73.0 oz., and Pb- 16.2%. The next 67 mine cars (20 tn. ea.) averaged the following: Au- 0.72 oz., Ag- 67.5 oz., Pb- 21.7%. There is a color banding and mineral corrugation which gives the ore an apparent rake to the northwest at about a 45° dip. The dolo rite bordering the ore is highly fractured and is extremely friable on the immediate contact with the ore. The salvage zone of the ore is composed of a mixture of loose ore containing angular fragments of dolerite.

The plan is to outline the limits of the ore zone on the 320 Level before any stoping is done.

CONSOLIDATED EUREKA MINING CO.
DIAMOND MINE
320 LEVEL No 1 SHAFT
1" = 30'



DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 3 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

420 Custom House
555 Battery Street
San Francisco 11, Calif.

Date: **July 30, 1954**

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - **2992**

Contract Idm-E **628**

Commodity **Lead**

Operator - **Consolidated Eureka Mining Co.**

Property - **Diamond Mine**
Eureka County, Nevada

By **Henry W. Jones, Mining Engineer**

Dated **July 27, 1954**

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

Roscoe Smith, USGS (With one copy of report)

INTERIM REPORT

Defense Minerals Administration
RECEIVED
AUG 3 - 1954

Docket No.: DMEA-2992 (Lead) July 27, 1954

Name and address of operator: Consolidated Eureka Mining Co.,
132 S. Main Street
Salt Lake City 1, Utah

Name and location of property: Diamond Mine, Eureka County, Nev.

Contract No.: Idm-E628

SUMMARY

The Diamond Mine was visited on July 13, 1954 to check the work progress applicable to terms of the exploration contract. Work since the previous inspection consisted of extending the third level drift northward an additional 136 feet for a total heading advance of 384 feet. A general somewhat oxidized area in the dolomitized limestone has been encountered, with several small mineralized seams crossing the drift at approximately right angles. No mineralization of consequence has been noted in the drift to date.

STATEMENT OF WORK COMPLETED

The Diamond Mine, located about four miles southwest of Eureka, Nev., was visited in company with Roger Caywood, resident engineer. All current work was directed toward extending the third level drift northward as covered under terms of the DMEA exploration contract. The drift was driven an additional 136 feet since the previous visit of June 11, 1954. Total heading advance was measured at 384 feet.

The drift has encountered a general oxidized zone within the dolomitized limestone, containing many small seams and fissures. This zone extends from about the 320-foot mark in the drift to the face. Three samples were taken along three of the larger and more highly mineralized fissures. Results have not yet been received.

Work that has been completed to date under terms of the DMEA exploration project is listed as follows:

1. Installation of hoist, headframe and completely retimbering 330 feet of a 2-compartment shaft, 320 feet of which was chargeable to the contract.

2. Rehabilitating 850 feet of the 3rd level drift, which included slabbing corners to allow room for the trammer, blasting headroom in the lower portions of the drift, laying 16-lb. rail from the station to the face, and installing a 2-inch air line.

3. Drifting N. 5° W. from the end of the old workings for a current distance of 384 feet.

COMMENTS

Work is being carried on a contract basis. Exceptionally good footage is being maintained with an average daily advance of 6.0 feet.

Henry W. Jones
Mining Engineer

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

ACCOUNTS JUL 21 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June 1954 Docket No. DMEA 2992 Contract No. DMEA-628
Operator's Name Consolidated Eureka Mining Co. Minerals Lead
Address 132 South Main Street, Salt Lake City, Utah
Contract Amount, $7,050.00 Government Participation 50 % Amount, $23,525.00

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:						
Shaft Rehab.		24,960.00	24,960.00			
Rehab.		6,290.00	6,290.00			
Crosscutting	(5,192.00)	(8,471.00)	(14,663.00)			
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
Totals	(5,192.00)	(39,721.00)	(45,913.00)			

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

Date July 15, 1954 *Payee Consolidated Eureka Mining Co.

Per [signature] Title Secretary-Treasurer

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

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

(Instructions on reverse)

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

$3096.00

Signature [signature] (Authorized Certifying Officer)

Date AUG 5 1954 Vou. No. SF-DMEA-3

(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-E628 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div Region III Date July 19, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date July 21, 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

ACCOUNTS JUL 21 1954

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

AUG 10 1954

Month of June 1954 Docket No. DMEA 2292 Contract No. [illegible]
Operator's Name Consolidated Eureka Mining Co. Minerals Lead
Address 132 South Main Street, 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	foot	6,192.00	144.0	46,663.00	212.0		600	42.00
Crosscutting	foot	- - -	- -	6,290.00	850.0		850	7.40
Raising								
Shafts	foot	- - -	- -	21,570.00	300.0		300	70.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		6,192.00	144	85,223.00				
Operating Equipment Purchased							Total Costs Authorized by Contract	
Initial Rehabilitation and Repairs							57,000.00	
New Buildings, Improvements, etc.								
Total Costs		6,192.00	144.0	85,223.00				

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: 144 feet total advance; frequency of mineralized stringers increasing with one having values.

Date July 15, 1954 Operator Consolidated Eureka Mining Co.

Per L. J. Kennell Title Secretary-Treasurer

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

CONSOLIDATED EUREKA MINING CO.

GENERAL OFFICES 132 MAIN STREET
SALT LAKE CITY 1, UTAH

Eureka, Nevada
July 13, 1954

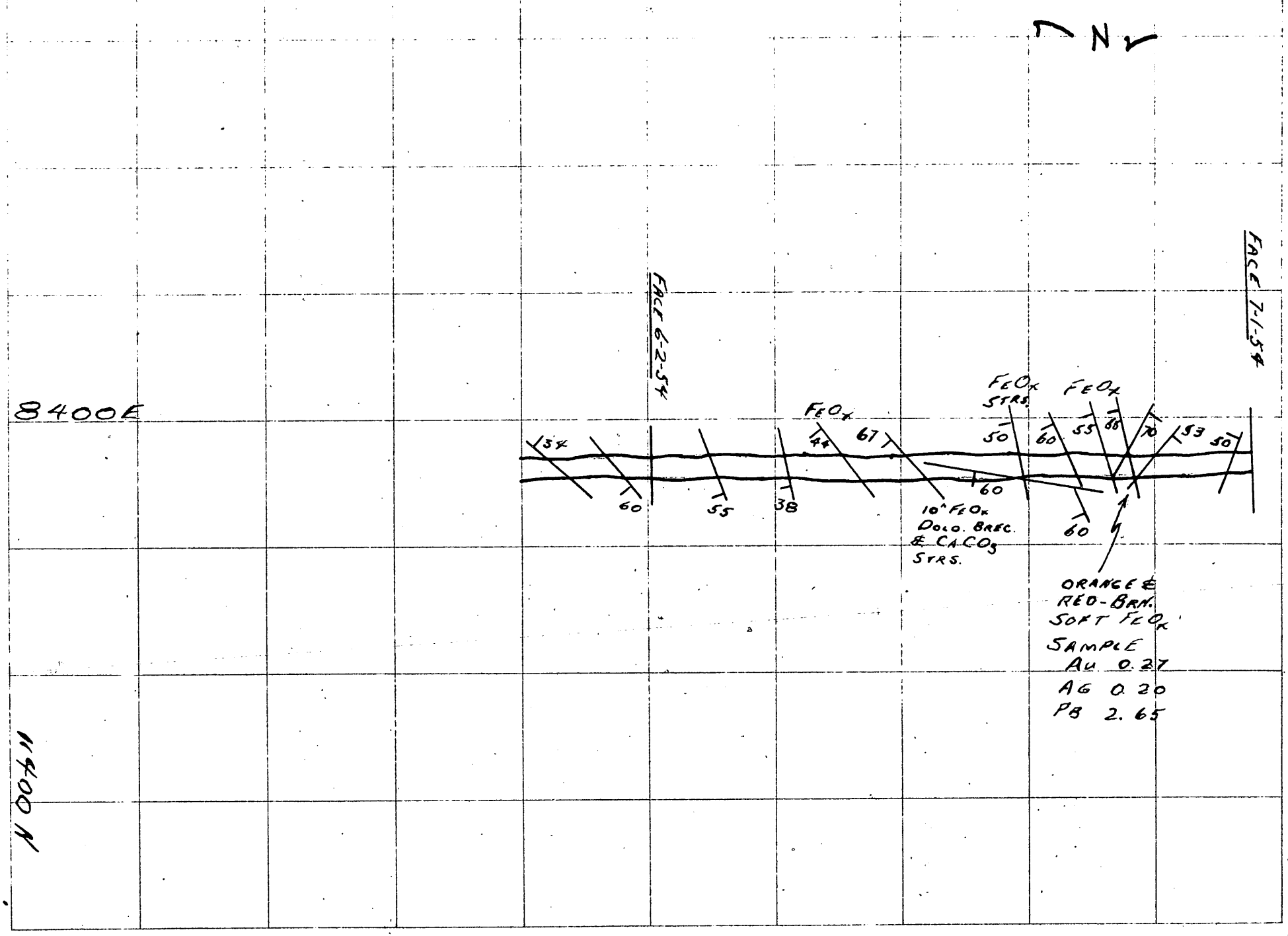
MINES AT
EUREKA, NEVADA

PROGRESS REPORT -- CONSOLIDATED EUREKA MINING CO. - Docket No. DMEA 2992 - For the month of June 1954.

A total of 144.0 feet of advance was made in the Third Level drift during the Month of June. This gives a total length of drifting to date of 341.0 feet.

The drifting is still confined to the Hamburg formation. The number of mineralized stringers is increasing as the projected zone is approached. In addition to the northeast strike, south dipping stringers there have been encountered a set with northwest strike and dipping to the north, one of which had encouraging values. (AuO .27 Ag 0.20 Pb 2.65) The joints are well coated with limonite and the dolomite is somewhat more altered.

CONSOLIDATED EUREKA MINING CO. - DIAMOND MINE
320' LEVEL #1 SHAFT
1" = 30'



FORM 10-G

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) June 25, 1954

Name and address of operator: Consolidated Eureka Mining Co.,
132 S. Main Street
Salt Lake City 1, Utah

Name and location of property: Diamond Mine
Eureka County, Nev.

Contract No.: Idm-E628

SUMMARY

The Diamond Mine was visited on June 11, 1954 to check the work progress applicable to terms of the DMEA exploration contract. Work since the previous inspection consisted of extending the 3rd level drift northward an additional 132 feet for a total heading advance of 248 feet. No mineralization of consequence was encountered.

STATEMENT OF WORK COMPLETED

The Diamond Mine, located about four miles southwest of Eureka, Nev., was visited on June 11, 1954 in company with Roger Caywood, resident engineer. The work under terms of the DMEA exploration project was directed to extending the 3rd level drift northward an additional 132 feet for a total drift advance of 248 feet.

A small mineralized seam, varying in width from knife edge to about 1 inch, was encountered at a point approximately 187 feet from the point of beginning. The seam has a strike of N. 78° E. and dips 33° N. Occasional crystals of galena and pyrite were noted in a quartzose and limonitic filling. An additional small limonitic or gossan pipe striking

N. 20° E. was noted in the East wall of the drift, about 12 feet south of the mineralized seam. No samples were taken but the company engineer assayed some of the material and reported it contained 1.2% lead content.

PROGRESS

Work is progressing quite rapidly. The mining crew averages 6.0 feet of advance in an 8-hour shift. This progress has been continuous since the start of the contract drifting.

Henry W. Jones

Henry W. Jones
Mining Engineer

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.

ACCOUNTS JUN 15 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1954 Docket No. DMEA 2092 Contract No. DMU-R 629

Operator's Name Consolidated Eureka Mining Co. Minerals Lead

Address 132 South Main Street Salt Lake City, Utah

Contract Amount, $ 57,050.00 Government Participation: 50 % Amount, $ 28,525.00

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:						
~~Drifting~~ Shaft Rehab.		24,960.00	24,960.00			
~~Bundozing~~ Rehab.		6,290.00	6,290.00			
Crosscutting						
Drifting	6,020.00	2,451.00	8,471.00			7/2/54 J.W.
(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	6,020.00	33,701.00	39,721.00			

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

Date June 9, 1954 *Payee Consolidated Eureka Mining Co.

Per L. J. Kennell Title Secretary & Treasurer

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

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

(Instructions on reverse)

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

$ 3010.00

Lloyd H. Sjolander
Authorized Certifying Officer

Signature (Authorized Certifying Officer)

Date ____ 19__ Vou. No. SF-DMEA-45

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 1dm-E628 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Date June 11, 1954.

A. C. Johnson

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Region III

Signature [illegible] Title Executive Officer Date June 15, 1954

H. O. Miller

Region III

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

JUN 15 1954 U.S. DEPT. OF INTERIOR Defense Minerals Exploration Administration RECEIVED JUN 25 1954

Month of May 1954 Docket No. DMEA 2092 Contract No. DMEA 628
Operator's Name Consolidated Eureka Mining Co. Minerals Lead
Address 132 South Main Street 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	Foot	6,020.00	140.	8,471.00	197.		600	43.00
Crosscutting Shaft Rehab	"	-0-	-0-	6,298.00	850.		850	7.40
Raising								
Shafts Rehab.	"	-0-	-0-	24,950.00	320.		320.	78.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		6,020.00	140.	39,721.00				Total Costs Authorized by Contract
Operating Equipment Purchased								57,050.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		6,020.00		39,721.00				

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: Two small mineralized zones encountered, one being a lead sulphide bearing quartz stringer.

Date June 9, 1954 Operator Consolidated Eureka Mining Co.

Per L. J. Lemmel Title Secretary & Treasurer

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

CONSOLIDATED EUREKA MINING CO.

GENERAL OFFICES 132 MAIN STREET
SALT LAKE CITY 1, UTAH

Eureka, Nevada
June 8, 1954

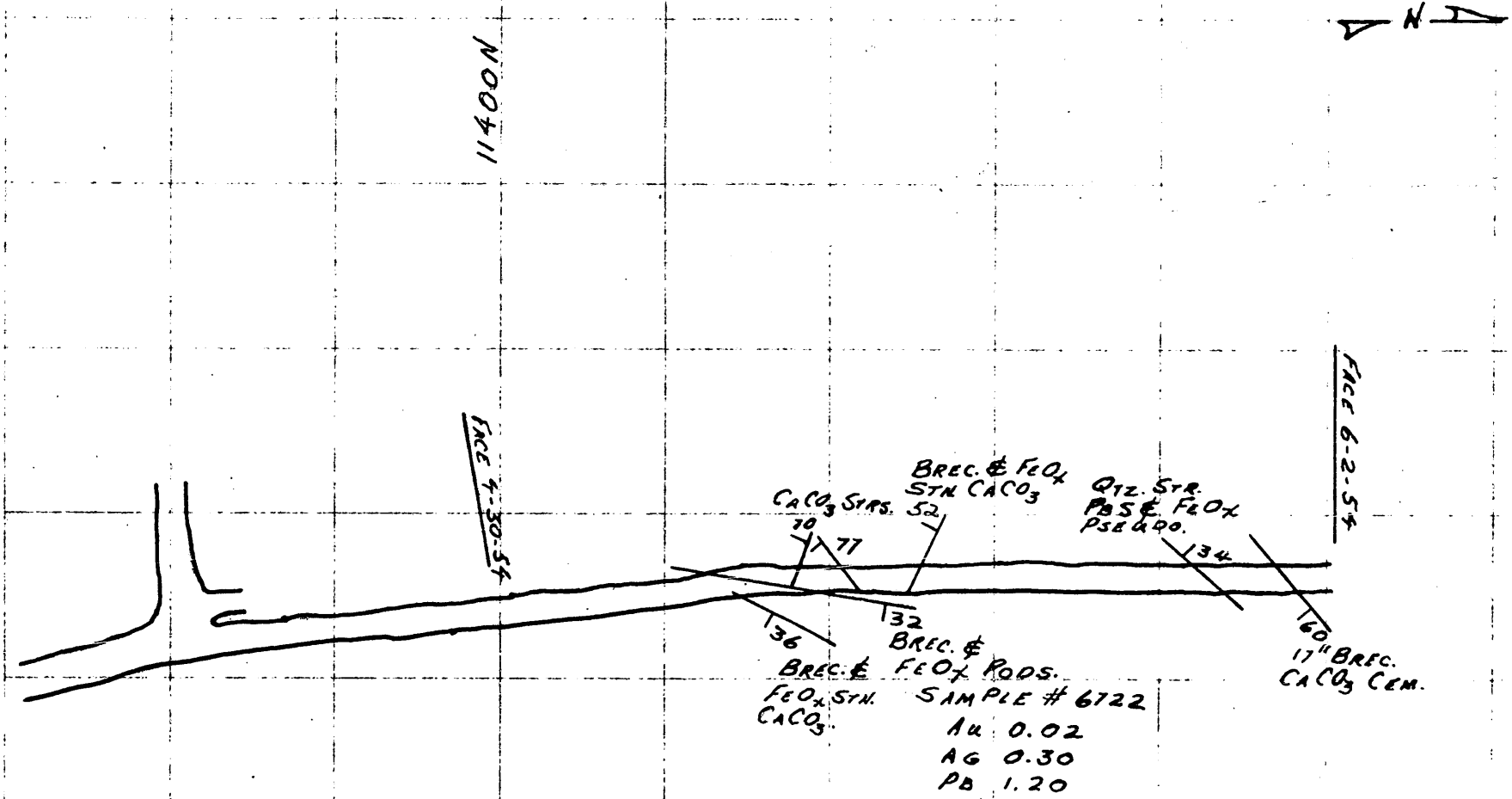
MINES AT
EUREKA, NEVADA

PROGRESS REPORT -- CONSOLIDATED EUREKA MINING CO. - Docket No. DMEA 2992
For the month of May, 1954.

A total of 140.0 feet of advance was made in the third level drift during the month of May. This gives a total length of drifting to date of 197.0 feet.

The drifting is still confined to the Hamburg formation. Some mineralization was encountered, but nothing of ore proportions. The mineralization was confined to two zones, one a N10E fault which contained limonite pods connected by small stringers of limonite. The other was a quartz stringer which contained a few small specks of PbS and numerous limonite pseudomorphs after pyrite. The quartz stringer had little visible alteration of the Hamburg, but the limonite pods had an envelope of sandy dolomite.

CONSOLIDATED EUREKA MINING CO.
DIAMOND MINE
320 LEVEL No. 1 SHAFT
1" = 30'



84 E

FORM 16-G

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 28 1954

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: May 24, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 2992

Contract Idm-E 628

Commodity Lead

Operator - Consolidated Eureka Mining Company

Property - Diamond Mine, Eureka County, Nevada

By Henry W. Jones, Mining Engineer

Dated May 20, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

~~XXXXXXXXXXX~~ USGS (With one copy of report)
Roscoe Smith

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) May 20, 1954

Name and address of operator: Consolidated Eureka Mining Co.,
132 S. Main Street,
Salt Lake City 1, Utah

Name and location of property: Diamond Mine
Eureka County, Nevada

Contract No.: Idm-E628

SUMMARY

The Diamond Mine, located about four miles southwest of Eureka, Nevada, was visited on May 13, 1954 to check the work progress applicable to terms of the DMEA exploration project. Work since the previous inspection consisted of starting and extending the 3rd level drift a distance of 116 feet on a bearing of N. 5° W. from the end of the old workings. No mineralization was encountered to date.

STATEMENT OF WORK COMPLETED

The Diamond Mine was visited on May 13, 1954 in company with Roger Caywood, resident engineer. Drift rehabilitation was completed the previous month so all work was directed to drifting N. 5° W. from the end of the old workings on the 3rd level. The drift roughly parallels and is about 40 feet west of the Dominic fault. A total of 116 feet of drift was completed at the date of inspection. No mineralization or indications of faulting was noted in the new workings.

COMMENTS

Considerable difficulty has been experienced in the tramming of loaded cars from the face to the station. Several sharp corners necessitate moving only a few cars around each corner at a time otherwise they tend to derail.

Drift advance is being carried on a contract footage basis. One shift of four men comprise the advancement crew. Two miners each receive $7.50 per foot and the trammer and hoistman each receive $5.60 per foot.

Henry W. Jones
Henry W. Jones
Mining Engineer

$26.20/ft
Contract $43.00
avg. 6'/shift

Form MF 103 (Rev.)
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Administration
RECEIVED
JUN 7 1954 JUN 10 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1954 Docket No. DMEA 2992 Contract No. IDM-E 628
Operator's Name Consolidated Eureka Mining Co. Minerals Lead
Address 132 South Main St. Salt Lake City, Utah
Contract Amount, $ 57,050.00 Government Participation: 50 % Amount, $ 28,525.00

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:						
~~xxxx~~ Shaft Rehab.		24,960.00	24,960.00			
Drilling						
~~xxxxx~~ Rehab.		6,290.00	6,290.00			
Bulldozing						
Crosscutting						
Drifting	2,451.00	-0-	2,451.00			
(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	2,451.00	31,250.00	33,701.00			

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

Date May 11, 1954 *Payee Consolidated Eureka Mining Co.

Per L. J. Lemmee Title Secretary-Treasurer

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

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

(Instructions on reverse)

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

$ 1225 50

Lloyd H. Sjolander
Authorized Certifying Officer

Signature (Authorized Certifying Officer)

Date JUN 1 1954 Vou. No. SF-DMEA-43

(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-E628 in accordance with the terms of the contract.

Signature George H. Holmes, Jr. Title Mining Methods Research Engr Date May 14, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature D. C. Miller Title Executive Officer DMEA Field Team Region III Date May 20, 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

ACCOUNTS: MAY 20 1954
Defense Minerals Exploration Administration
RECEIVED

OPERATOR'S UNIT COST AND PROGRESS REPORT

JUN 7 1954

Month of April 1954 Docket No. DMEA 2992 Contract No. IDM-E 628
Operator's Name Consolidated Eureka Mining Co. Minerals Lead
Address 132 South Main St. Salt Lake City, Utah

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting	Ft.	2,451.00	57.0	2,451.00	57.0		600	43.00
Crosscutting Rehab.	Ft.			6,290.00	850.0		850	7.40
Raising								
Shafts Rehab.	Ft.			24,960.00	320.0		320	78.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		2,451.00	57.0	33,701.00				Total Costs Authorized by Contract
Operating Equipment Purchased								57,050.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2,451.00		33,701.00				57,050.00

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

Date May 11, 1954 Operator Consolidated Eureka Mining Co.

Per L. J. Kimball Title Secretary-Treasurer

Remarks: 57.0 feet of advance was made through the Hamburg formation. No ore mineralization was encountered.

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

CONSOLIDATED EUREKA MINING CO.
GENERAL OFFICES 132 MAIN STREET
SALT LAKE CITY 1, UTAH
Eureka, Nevada
May 10, 1954

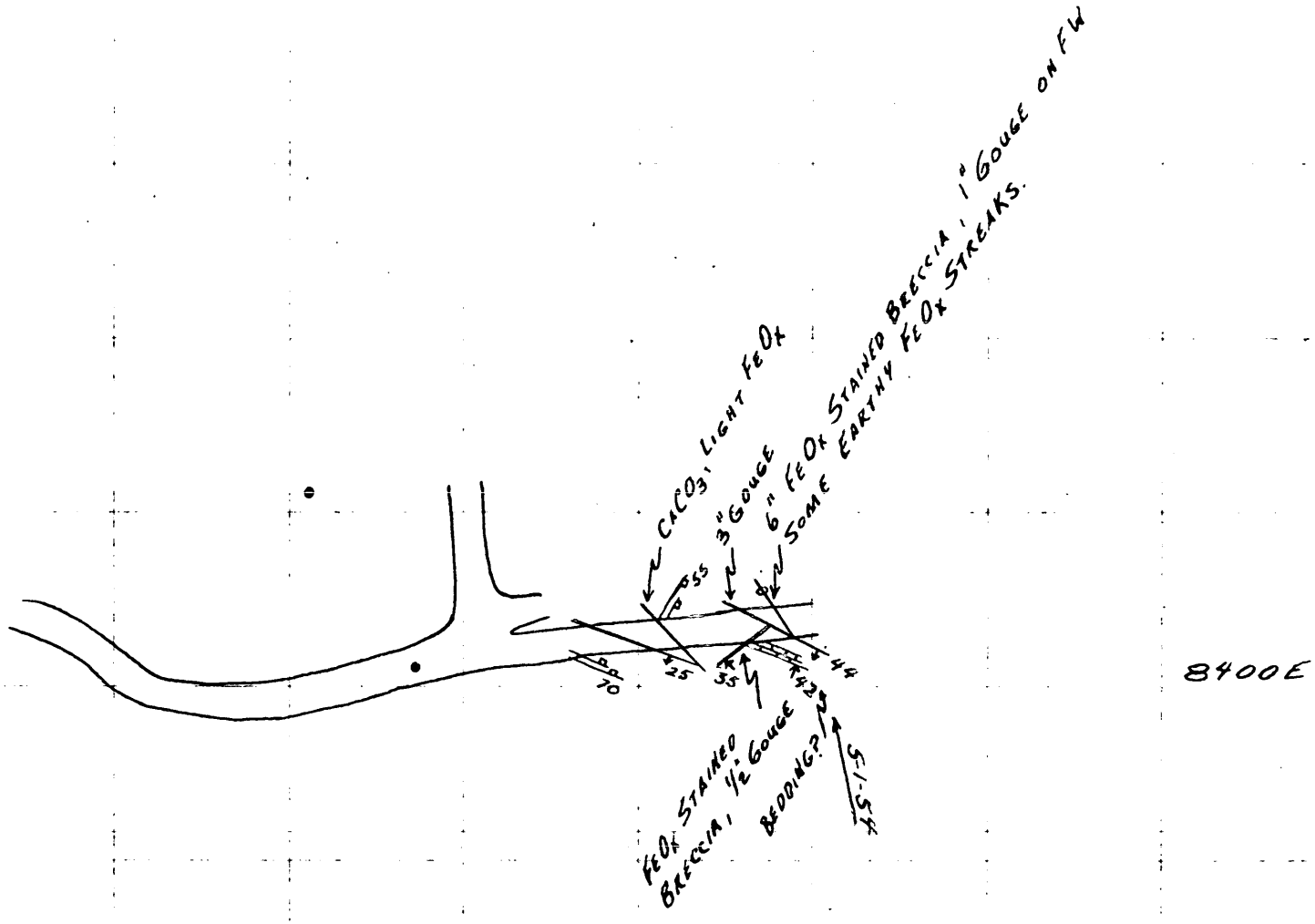
MINES AT
EUREKA, NEVADA

PROGRESS REPORT -- CONSOLIDATED EUREKA MINING CO. - Docket No. DMEA 2992
For the month of April, 1954.

A total of 57.0 feet of advance was made in the third level drift during the Month of April. The bearing of the drift is N05 00W.

The drifting to date has been confined to the Hamburg formation of the Upper Cambrian. It is here a blue dolomite with parallel bands of white dolomite and calcite with irregular boundaries. The width of these bands ranges up to an inch. These have been mapped and indicated as questionable bedding inasmuch as they may represent bleaching along bedding planes. These bleached bands are displaced by the minor faults and are in decreasing numbers as advance is made through the zone of small faults. Staining by iron oxide upon joint and fracture surfaces increases to a maximum within this zone, and one of the larger faults shows a few earthy limonite streaks and pods.

CONSOLIDATED EUREKA MINING CO.
DIAMOND MINE
320 LEVEL – No. 1 SHAFT
1" = 30'.



FORM 16-G

D. M. E. A.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 3 - 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: April 27, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 2992

Contract Idm-E 628

Commodity Lead

Operator - Consolidated Eureka Mining Company

Property - Diamond Mine, Eureka County, Nevada

By Henry W. Jones, Mining Engineer

Dated April 21, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

~~XXXXXXXXXXXX~~, USGS (With one copy of report)
Roscoe Smith

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 3 - 1954

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) April 21, 1954

Name and address of operator: Consol. Eureka Mining Co.,
132 S. Main Street
Salt Lake City 1, Utah

Name and location of property: Diamond Mine
Eureka County, Nevada

Contract No.: Idm-E628

SUMMARY

The Diamond Mine, located about 4 miles southwest of Eureka, Nevada, was visited on April 1, 1954, to check the work progress applicable to terms of the DMEA exploration project. Work since the previous inspection consisted of completing the rehabilitation of the 3rd level drift as covered in item 2 of the contract, for a total rehabilitation advance of 850 feet. Drifting northward from the end of the 3rd level drift, reportedly, is to be started immediately.

CONCLUSIONS

Rehabilitation on the 3rd level drift was rather slow during the month. Progress was hampered by the necessity of slabbing drift corners and hanging of airline from the drift back.

STATEMENT OF WORK COMPLETED

The Diamond Mine was visited on April 1, 1954 in company with Roger Caywood, resident engineer. Work since the previous reporting period of March 3, 1954 consisted of continuing the drift rehabilitation an

additional 480 feet to the face, and 117 feet of switch rehabilitation was completed on three car switches. Total rehabilitation advance on the 3rd level drift was 850 feet. Several sharp curves were slabbed off to allow the "mancha" trammer and muck cars to negotiate the turns. Additional head room was also blasted from the drift backs in low spots. A 2-inch airline was secured to the drift back by means of drill plugs. The muck cars and the trammer had to be cut down and rewelded to allow them to fit onto the shaft cage. Only one mancha trammer is available for use on the 3rd level and surface tramming.

COMMENTS

Rehabilitation progress was considerably slower this month than in previous months. Several drift corners were slabbed and headroom had to be made in the lower sections of the drift. The 2-inch airline was bent to closely follow the contours of the drift backs. Air couplings were carried with the rehabilitation advance to drill plugs for securing the pipe.

Plans were for the immediate start of drifting operations from the face of the present heading in a northerly direction and roughly paralleling the Dominic fault.

Henry W. Jones

Henry W. Jones
Mining Engineer

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

alt
Betty

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

April 23, 1954

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Operators' Monthly Progress Reports - Forms MF-104 and MF-104A

Enclosed herewith are two copies of each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E628 DMEA-2992	Consolidated Eureka Mining Company	April 7, 1954	March 1954
Idm-E637 DMEA-3106	Idamic Mines, Inc.	April 12, 1954	March 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to: Roscoe Smith, USGS

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.

OPERATOR'S MONTHLY REPORT AND VOUCHER

APR 14 1954

Month of March, 1954 Docket No. DMEA 2992 Contract No. DMI-2-628
Operator's Name Consolidated Eureka Mining Co. Minerals FB
Address 132 South Main St. Salt Lake City, Utah
Contract Amount, $57,050.00 Government Participation: 50 % Amount, $28,525.00

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~~ Shaft Rehb.					24,960.00	24,960.00
Drifting ~~x~~ Rehab.	5,113.40	1,176.60	6,290.00	5,113.40	1,176.60	6,290.00
(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	5,113.40	1,176.60	6,290.00	5,113.40	26,136.60	31,250.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 7, 1954 Payee Consolidated Eureka Mining Co.
Per L. J. Kennell Title Secretary & Treasurer

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$2556.70
Authorized Certifying Officer
Signature
(Authorized Certifying Officer)
Date APR 19 1954 Vou. No. SF-DMEA-38
(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-E628 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div., Region III Date April 12, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature R. C. Hizer Title Executive Officer DMA Field Team Region III Date April 13, 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

Month of March 1954 Docket No. DMEA 2992 Contract No. IDM-E-628
Operator's Name Consolidated Eureka Mining Co. Minerals PB
Address 132 South Main St. Salt Lake City, Utah

OPERATION	Unit	Costs This Month	Units This Month	Costs to Date	Units to Date	Unit Costs to Date	Authorized by Contract: Units	Authorized by Contract: Unit Costs
Drifting Rehab.	Ft.	5,113.40	691.0	6,290.00	850.0		850.0	7.40
Shaft Rehb.				24,960.00	320		320	78.00
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs				31,250.00				Total Costs Authorized by Contract
Operating Equipment Purchased								$57,050.00
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		5,113.40		31,250.00				

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: Drift rehab. on the third level is now complete and drifting will start the first part of April.

Date April 7, 1954 Operator Consolidated Eureka Mining Co.

Per L. J. Kennel Title Secretary & Treasurer

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

CONSOLIDATED EUREKA MINING CO.

GENERAL OFFICES 132 MAIN STREET
SALT LAKE CITY 1, UTAH

MINES AT
EUREKA, NEVADA

April 7, 1954

PROGRESS REPORT -- CONSOLIDATED EUREKA MINING CO. - Docket No. DMMA 2992 - For the month of March 1954.

During the month of March the rehabilatation of the Third level was completed. Considerable slabbing of the walls on three turns was necessary in order to have clearance for the motor, cars, and convenient lengths of pipe and rails. Switches and track necessary to mucking operations of the drift were also installed this month.

Drifting should commence about April 5th and the bearing of the drift will be N 05 00 W, roughly parallel and in the footwall of the Domonic fault, to the projected area of the Jumbo ore shoot.

Department of the Interior
Defense Minerals Administration
Received
MAR 29 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: March 23, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA -2992

Contract Idm-E 628

Commodity Lead

Operator - Consolidated Eureka Mining Co.

Property - Diamond Mine, Eureka County, Nevada

By Henry W. Jones, Mining Engineer

Dated March 22, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

~~XXXXXXXXXXXX~~, USGS (With one copy of report)
Roscoe Smith

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) March 22, 1954

Name and address of operator: Consolidated Eureka Mining Co.
132 S. Main Street
Salt Lake City 1, Utah

Name and location of property: Diamond Mine, Eureka County, Nev.

Contract No.: Idm-E628

SUMMARY

The Diamond mine, located about four miles southwest of Eureka, Nev., was visited on March 3, 1954 to check the work progress under terms of the DMEA exploration loan.

The rotted timber block was removed from the lower portion of the shaft and timbering was completed to the 300-foot level. A total of 330 feet of shaft timbering was completed, 320 feet of which was chargeable to the DMEA.

Rehabilitation work was started on the 300-level drift. At the date of inspection, a total of 253 feet of drift had been cleaned out and 16-pound rails installed. Pipe for the air and water lines had not yet been received at the mine.

CONCLUSIONS

Work is progressing quite satisfactorily with no further difficulties being experienced. The drift appears to be in excellent condition. There is little likelihood that future obstructions will seriously hamper

operations in the rest of the rehabilitation stage.

STATEMENT OF WORK COMPLETED

The Diamond mine was visited on March 3, 1954 in company with Roger Caywood, resident engineer. Shaft timbering was completed to the 300-foot level, and drift rehabilitation was well underway. The shaft block between the 200 and 300 foot levels mentioned in the interim report dated February 19, 1954 was removed by blasting a bulkhead below the 300-foot level and allowing the debris to drop on down the shaft. A total of 330 feet of timbering was completed to just below the 300-foot level, 320 feet of which was allowable under terms of the exploration project contract. A hoisting cage is beingreadied for removal of waste in lieu of a bucket and bin combination. Turn plates were installed at the shaft stations for car handling.

Measurements were taken from the edge of the plates along the center of the track on the 300 foot drift level for a total drift rehabilitation advance of 253 feet. Sixteen pound rail was installed the entire measured distance. Very little if any slough has been encountered to date. Pipe for the air and water lines were being sent from Salt Lake City, Utah, but had not been received at the time of inspection.

PROGRESS

Progress is continuing at a very rapid pace. Both the engineer in charge and the crew appear to be quite capable and efficient.

Henry W. Jones

Henry W. Jones
Mining Engineer

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

1012 Flood Building
870 Market Street
San Francisco 2, California

March 16, 1954

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Operators' Monthly Progress Reports - Forms MF-104 and MF-104A

Enclosed herewith are two copies of each of the subject reports received from the following operators as listed below. These reports have been audited and passed to the Treasury for payment.

Contract No.	Operator	Report Dated	Period Covered
Idm-E442 DMEA-2257	Walker Corporation	March 1, 1954	February 1954
Idm-E481 DMEA-2688	M. I. A. Mines Co.	Feb. 24, 1954	January 1954
Idm-E628 DMEA-2992	Consolidated Eureka Mining Company	March 5, 1954	February 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to: Roscoe Smith, USGS

Form MF-504 (Rev.)
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1954 Docket No. DMEA 2992 Contract No. LDM-E 628
Operator's Name Consolidated Eureka Mining Co. Minerals PB
Address 132 South Main St. Salt Lake City, Utah
Contract Amount, $ 57,050.00 Government Participation: 50 % Amount, $ 28,525.00

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:						3/24/54 J.W. McE.
Drilling						
Bulldozing						
Crosscutting						
~~[illegible]~~ Shaft Rehab.	9,172.80	15,787.20	24,960.00	9,172.80		
3rd level track rehab	1,176.20	-0-	1,176.60	1,176.60		
(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	10,349.90	15,787.20	26,136.60	10,349.40		

I certify that the above bill is correct and just and that payment therefor has not been received.
Date March 5, 1954 *Payee Consolidated Eureka Mining Co.
Per L. J. Kennedy Title Secretary & Treas.

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$ 5174.70
Lloyd N. Sjolander
Authorized Certifying Officer
Signature
(Authorized Certifying Officer)
Date MAR 12 1954 Vou. No. SF-DMEA-33
(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-E628 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date March 8, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date March 10, 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

Month of February 1954 Docket No. DMEA 2992 Contract No. IDM-E-628
Operator's Name Consolidated Eureka Mining Co. Minerals PB
Address 132 South Main 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 Rehab.	Ft.	9,172.80	117.6	24,960.00	320		320	78.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
3rd. Level Track Rehab.	Ft.	1,176.60	159.0	1,176.60	159.0		850	7.40
TOTAL DISTRIBUTED COSTS		10,349.40		26,136.60				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		10,349.40		26,136.60				

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 5, 1954 Operator Consolidated Eureka Min. Co.

Per [signature] Title Secy. & Treas.

REMARKS: 117.6 feet of shaft was re-timbered to give a total of 320 feet to complete the shaft to the third levelas called for in the first part of the contract. In addition 159 feet of drift was rehabilitated on the third level.

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

CONSOLIDATED EUREKA MINING CO.
GENERAL OFFICES 132 MAIN STREET
SALT LAKE CITY 1, UTAH

March 5, 1954

MINES AT
EUREKA, NEVADA

PROGRESS REPORT
CONSOLIDATED EUREKA MINING CO.
Docket No. DMEA 2992
For the month of February, 1954.

During the month the 72.0 feet of old timber and other debris was removed from the shaft and the remaining 117.6 feet of the shaft was re-timbered. This gives a total of 320 feet of shaft re-timbered thus completing Part One of the contract.

Initial work on the rehabilitation of the drift on the Third Level commenced on February 22 and 159.0 feet were completed by the end of the month.

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

Administrative Audit Difference Statement

Date: March 12, 1954
Payee's Reference: Contract Idm E 628
Docket DMEA 2992
Diamond Mine
Eureka County, Nevada

Consolidated Eureka Mining Co.
132 South Main St.
Salt Lake City, Utah

Gentlemen:

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

Amount Claimed	$ 10,349.90
Difference	$ .50
Amount Approved	$ 10,349.40

The reason for the difference was due to: Error in reporting monthly total for 3rd level track rehabilitationand error in addition of totals for the month.

Monthly total for 3rd level track rehabilitation should be $1,176.60 as shown in Totals To Date column.

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

Very sincerely yours,

L. H. Sjolander
Chief, Budget and Finance Branch
Region III

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 23 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: February 18, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 2992

Contract Idm-E 628

Commodity Lead

Operator -Consolidated Eureka Mining Co.

Property - Diamond Mine, Eureka County, Nevada

By Henry W. Jones, Mining Engineer

Dated February 16, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

~~XXXXXXXXXX~~, USGS (With one copy of report)
Roscoe Smith

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 23 1954

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) February 16, 1954

Name and address of operator: Consolidated Eureka Mining Co.
132 S. Main Street
Salt Lake City 1, Utah

Name and location of property: Consolidated Eureka Mining Co.
Diamond Mine
Eureka County, Nevada

Contract No.: Idm-E628

SUMMARY

The Diamond Mine, located about four miles southwest of Eureka, Nevada, was visited on Feb. 4, 1954 to check the work progress under terms of the DMEA exploration loan. Shaft timbering has been completed to the 200 foot level for a measured total length of 231 feet from the shaft collar. Work is now directed into removing about 70 feet of rotted timbers and old pipe wedged in the shaft between the 200 and 300 foot levels. The shaft is to be retimbered to the 300-foot level and slightly beyond to provide for a skip pocket.

CONCLUSIONS

Unforeseen difficulties have temporarily slowed down the timbering and rehabilitation of the shaft work. Work until now has been progressing satisfactorily and rehabilitation costs have been low. There should be no transfer of funds for additional shaft work, if it is requested..

STATEMENT OF WORK COMPLETED

The Diamond Mine was visited on Feb. 4, 1954 in company with Roger Kaywood, resident engineer. Work since the previous inspection of Jan. 7, 1954 consisted of timbering the shaft an additional 168 feet for a total distance of 231 feet down to the station set on the 200-foot level. The shaft is plugged at a point 30 feet below this level to somewhere beyond the 300-foot level with rotted timbers and old pipes. Access can be obtained to both the 300 and 400-foot levels through caves and old workings. For about a week prior to the inspection, the crew has been attempting to break the assumed bulkhead at the 300-foot level and let the debris on down the shaft. If this can be done, it would offer a fast means of removing the debris.

COMMENTS ON PROGRESS

Work has been progressing at a rapid pace. Shaft timbering was carried the last 144 feet on a contract basis with a resultant high footage gain per man shift worked. Work was again placed on a day's pay basis after encountering the shaft block.

OTHER INFORMATION

A tour of the heading to be rehabilitated on the 300-foot level was made by Mr. Kaywood and the visiting engineer. The adit showed no signs of cave or sluff at any place between the shaft and the face. Rehabilitation will consist only of laying track and pipe. If an electric trammer is used, some of the sharper curves will have to be slabbed off.

Henry W. Jones
Mining Engineer

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 January, 1954 Docket No. DMEA 2992 Contract No. IDM-E 628
Operator's Name Consolidated Eureka Mining Co. Minerals PB
Address 132 South Main Street Salt Lake City, Utah
Contract Amount, $ 57,050.00 Government Participation: 50 % Amount, $ 28,525.00

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 Rehab.	12,799.80	2,987.40	15,787.20			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	12,799.80	2,987.40	15,787.20			

Betty 2/25/54 J.W.G.

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

Date Feb. 3, 1954 *Payee Consolidated Eureka Mining Co.

Per L. J. Kennell Title Acct. & Treas.

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

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

(Instructions on reverse)

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

$ 6399 90

Signature Lloyd H. Sjolander
Authorized Certifying Officer
(Authorized Certifying Officer)

Date FEB 15 1954 Vou. No. SF-DMEA-30

(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-E628 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div., Reg. III Date February 5, 1954

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date February 8, 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

Month of January 1954 Docket No. DMEA 2992 Contract No. IDM-E 628
Operator's Name Consolidated Eureka Mining Co. Minerals PB
Address 132 So. Main Street 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	Ft.	12,799.80	164.1	15,787.20	202.4	78.00	320	78.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Total Distributed Costs		12,799.80	164.1	15,787.20				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		12,799.80		15,787.20				

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 February 3, 1954 Operator Consolidated Eureka Mining

Per L. J. Kennedy Title Secy & Treas.

Remarks: 164.1 feet of shaft were retimbered this month, as called for in shaft rehab. (Part 1) of the contract.

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

CONSOLIDATED EUREKA MINING CO.
GENERAL OFFICES 132 MAIN STREET
SALT LAKE CITY 1, UTAH
MINES AT
EUREKA, NEVADA

February 2, 1954

PROGRESS REPORT -- CONSOLIDATED EUREKA MINING CO. - DOCKET NO. DMEA 2992 - For the month of January, 1954.

During the month a total of 164.1 feet of shaft was re-timbered. Included in this footage are the station sets for the first and second levels. The total of shaft re-timbered to the end of January is 202.4 feet, leaving a total of 117.6 feet under the terms of Part One of the contract.

An unforeseen situation has been disclosed in the advance of the shaft work. From a depth of 248 feet to the third level, 72 feet, it was found ~~that~~ the shaft is filled with debris. The debris is composed of the old shaft timber and pipe. It will be necessary to remove this in order to complete the shaft work to the third level. Under the original estimates on the job no allowance was made for such a contingency.

Department of the Interior
Defense Minerals Administration
RECEIVED
JAN 25 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: January 20, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA - 2992

Contract Idm-E 628

Commodity Lead

Operator - Consolidated Eureka Mining Company

Property - Diamond Mine, Eureka County, Nevada

By Henry W. Jones

Dated January 14, 1954

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) January 14, 1954

Name and address of operator: Consolidated Eureka Mining Co.
Gen. Off.: 132 S. Main Street,
Salt Lake City 1, Utah

Name and location of property: Consolidated Eureka Mining Co.,
Diamond Mine, Eureka County, Nev.

Contract No.: Idm-E628

SUMMARY

The Diamond Mine, located 4 miles southwest of Eureka, Nev., was examined on Jan. 7, 1954 to check the work progress under terms of the DMEA exploration project.

All preliminary work was completed and the shaft was retimbered, as required by terms of the contract, down from the collar, a distance of 38 feet. A staging was rigged and lowered down the shaft to the first level or (120-foot level) and work was resumed from this location. Upward progress from the level was measured at 25.0 feet for a total rehabilitation advance of 63.0 feet.

STATEMENT OF WORK COMPLETED

The Diamond mine was visited on Jan. 7, 1954 in company with Roger Kaywood, resident engineer. Terms of the DMEA contract were discussed and the MF-104 forms to be filled out were gove over. Work on the mine shaft since the previous inspection of Dec. 10, 1953 consisted of completing the headframe and installing the sheave wheel. A new 1-inch steel cable was placed on the hoist drum and electrical

installations completed. Shaft timbering started on or about Dec. 18, 1953. Work was started from a staging hung by cables at a point 38.0 feet below the collar of the shaft and completed to the surface timbers. The staging was then lowered and suspended just below the (120-foot level) or first level. Timbering was again resumed and at the date of visit 25 feet of upward progress was measured, for a total shaft rehabilitation advance of 63.0 feet.

Inside measurements of the hoisting compartment and the manway were each being carried 4 feet by 4 feet in the clear with 6-inch by 6-inch dividers. Plumb bobs were suspended from the corners of the uppermost collar set as a guide for plumbing the shaft timbers.

COMMENTS

Plans are still underway to place the timbering of the shaft on a contract basis.

Henry W. Jones

Henry W. Jones
Mining Engineer

Form M1[redacted] (Rev.)
(Apri[redacted]

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

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

ACCOUNTS JAN 20 54

OPERATOR'S MONTHLY REPORT AND VOUCHER

Defense Minerals Administration RECEIVED JAN 29 1954

Month of Nov. & Dec., 1953 Docket No. DMEA 2992 Contract No. IDM-E 628
Operator's Name Consolidated Eureka Mining Co. Minerals PB
Address 132 South Main Street, Salt Lake City, Utah
Contract Amount, $ 57,050.00 Government Participation: 50 % Amount, $ 28,525.00

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 Rehab.	2,987.40	-0-	2,987.40			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2,987.40	-0-	2,987.40			

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Jan. 14, 1954 *Payee Consolidated Eureka Mining Co.
Per L. J. Kennell Title Secy & Treas.

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

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

(Instructions on reverse)

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

$ 1493.70

Signature Lloyd R. Sjolander
Authorized Certifying Officer
(Authorized Certifying Officer)

Date JAN 21 1954 Vou. No SF-DMCA-28
(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-E628 in accordance with the terms of the contract.

Signature A. C. Johnson Title Chief, Mining Div. Region III Date January 18, 1954.

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature H. C. Miller Title Executive Officer DMEA Field Team Region III Date January 19, 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 M[illegible]4A
(April [illegible])

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
JAN 29 1954

54

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Nov. & Dec. 1953 Docket No. DMEA 2992 Contract No. [illegible] 628

Operator's Name Consolidated Eureka Mining Co. Minerals Pb

Address 132 South Main Street, 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 Rehab.	Feet	2,987.40	38.3	2,987.40	38.3	- -	320	78.00
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2,987.40	38.3	2,987.40				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2,987.40		2,987.40				

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

Date Jan. 14, 1954 Operator Consolidated Eureka Mining

Per L. J. Kerwick Title Secy & Treas.

REMARKS: Work completed on drift rehab. to shaft collar, head-frame and hoist installation complete in conjunction with shaft rehab. as per contract.

→ 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".

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GPO 83-38475

Defense Minerals Administration
Received
JAN 11 1954

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Date: January 7, 1954

Memorandum

To: Operating Committee, DMEA, Interior Bldg., Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Interim Inspection Report

Attached are four copies of Interim Report on -

Docket DMEA -2992

Contract Idm-E 628

Commodity Lead

Operator - Consolidated Eureka Mining Co.

Property - Diamond Mine, Eureka County, Nevada

By Henry W. Jones

Dated December 31, 1953

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Finance Officer, Region III (With one copy of report)

E. H. Bailey, USGS (With one copy of report)

INTERIM REPORT

Docket No.: DMEA-2992 (Lead) December 31, 1953

Name and address of operator: Consolidated Eureka Mining Co.,
Gen Off.: 132 S. Main Street,
Salt Lake City 1, Utah.

Name and location of property: Consolidated Eureka Mining Co.,
Diamond Mine, Eureka County, Nev.

Contract No.: Idm-E628

SUMMARY

The Diamond Mine, located 4 miles southwest of Eureka, Nev., was examined by an engineer of the Bureau of Mines on Dec. 10, 1953 to acquaint himself with the property and to determine the extent of work progress under terms of the DMEA exploration contract.

Initial rehabilitation work started on Nov. 9, 1953. Work in the intervening period consisted of: 1. Cleaned 150 feet of tunnel and debris from around the shaft collar. 2. Installed collar sets, headframe bearers and headframe for a double hoist and shaft compartments. 3. Poured hoist foundation, moved and set up hoist. And 4, moved and set up compressor near shaft collar.

There was no work completed, subject to payment under terms of the DMEA contract.

STATEMENT OF WORK COMPLETED

The Diamond Mine was visited in company with Roger Kaywood, resident engineer on Dec. 10, 1953. Four miners, plus the engineer, were employed at the time of the visit. Initial work under the project started on Nov. 9, 1953. Rehabilitation up to the date of the inspection consisted of cleaning about 150 feet of tunnel and removing rotted timbers and old track from around the collar of the shaft (to be retimbered). Collar sets were then installed for a double shaft compartment. Extra long timbers were needed to block up the large cave area beneath the collar level. Headframe bearers and a double headframe were reinstalled in the niche originally cut for that purpose. A concrete hoist foundation was laid and a 75-horsepower Ottumwa hoist was set up. An electric driven 315 c.f.m. Sullivan compressor was being placed in operation and electrical switchboards were to be assembled.

Cost of this work is covered under terms of the exploration project contract item: "Rehabilitation No. 1 Shaft, 320 feet @ $78.00/foot." Therefore, the costs incurred during the initial phase of the work will not be subject to payment by the Government until shaft timbering has started.

COMMENTS

All preliminary work appears to be progressing satisfactorily. The miners appear to be competent in the framing of fixtures at the shaft collar and the machinery installation. No unusual difficulties were experienced.

DISCUSSION

The visiting engineer was informed that shaft timbering would be let out on a contract basis when this phase of the work is to be started.

Henry W. Jones
Mining Engineer