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

OFFICIAL FILE COPY
O. M. E
RECEIVED JUL 27 1962

DATE	INITIALS	CODE
7/27		
7/27		800
7/27		100
7/30		110
		500
	Murphy	300
		220

JUL 18 1962

Re: DMEA-195 (Uranium)
~~Ellihill Mining Co~~
~~Jomac Mine~~
~~San Juan County, Utah~~
Contract Idm-E391

Ellihill Mining Company
c/o Mr. William F. Reves
First National Bank Building
Price, Utah

Dear Mr. Reves:

After the completion of the approved exploration work under the contract identified above, we asked to be informed about changes in the status of the property and production from it during the period of royalty obligation.

To assist you to furnish this information and to assure the accuracy of our records, please answer the questions on the back of this letter and return two copies to this office with copies of any pertinent documents.

Sincerely yours,

W R Griswold

Willis R. Griswold, Chief
Division of Minerals

MME Form 63
Revised 3-62

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since ~~Jan~~July 1, 1961 , has there been a change in ownership, lease, or sublease? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents, unless they have been provided before. Yes ☐ No ☒

2. Since ~~Jan~~July 1, 1961 , has there been any production from the land subject to the contract? Yes ☐ No ☒

   A. If so and it was shipped, give quantity, value, and name and address of purchaser.

	Quantity	Value

   B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

3. Since , has any production been transported through workings (see of contract)? Yes ☐ No ☒

   A. If so, state quantity, value, and disposition of material.

Disposition of Material	Quantity	Value

Submitted by:

Name ELLIHILL MINING COMPANY Title President

Address % W. F. Reeves Date July 23rd 1962

FIRST NATIONAL BANK BLDG.
PRICE
UTAH

4511

REQUEST FOR INFORMATION
FROM OPERATOR ON CERTIFIED PROJECT
AND PROJECT UNDER ROYALTY AGREEMENT

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

From: Acting Field Officer, OME, Region III

Hugh M. Connors

Hugh M. Connors

Date: March 23, 1961

Concerning: Contract No. Idm E397
Docket No. DMEA 1957 (Uranium)
Property Ellihill Mining Company

Location

~~San Juan County, Utah~~

OFFICIAL FILE COPY
O. M. E
RECEIVED MAR 27 1961

DATE	INITIALS	
3/27	gad	220
"	gg	110
		110
3/28		800
"	gla	500
		220

The AEC production records for the entire year of 1960 have been checked and no production was shown from this property.

With the certification of the exploration project identified above, you were asked to inform our office about changes in the status of the property and production from it.

To assist you to furnish this information and to assure the accuracy of our records, we ask that you answer the questions below and return one copy to this office with copies of any pertinent documents.

Field Officer

1. Since _____, has there been a change in ownership, lease, or sublease about which the OME has not been notified? If yes, please state details of the transaction below and provide a true or signed copy of the pertinent documents. Yes ☐ No ☐

2. Since _____, has there been any production from the property?* Yes ☐ No ☐

A. If so and it was shipped, give name and address of purchaser?

	Quantity	Value

B. If stockpiled awaiting sale, state quantity, grade, and location.

Type	Quantity		Estimated Grade	Location
Ore		Tons		
Concentrates		Tons		
Other		Tons		

Submitted by:

Name _____ Title _____

Address _____ Date _____

MME Form 63 8-60 * Property means land subject to the contract. 79340-60

OFFICE OF MINERALS EXPLORATION

REGION III

Statement in Lieu of Interim Report
of Certified Project

Reporting Period	January 1, 1959 through February 15, 1960
Docket and Contract Number	DMEA-1957, Idm-E397 (Uranium)
Operator	Ellihill Mining Co. (Jomac mine) San Juan County, Utah

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

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

Remarks:

J. B. Plosser, President, reports as noted above.

OFFICIAL FILE COPY
O. M. E.
RECEIVED 1960

DATE		
3-7	gad	VVO 110
3/8	EEJ	800 500

Signed H. M. Connors
H. M. CONNORS

Date February 25, 1960

March 13, 1958

Memorandum

To: Wingfield N. Chamberlain
Records Branch

From: Ernest Wm. Ellis, Director
Division of Rare and Miscellaneous Metals

Subject: Semiannual Reports of Certified Projects

Reports have been received by this Division on the following projects indicating that the property has been inactive and data have remained unchanged since the last report:

Period January 1 - June 30, 1957

DMEA-4182 Idm-E 963 Vitro Minerals Corporation Uranium

Period July 1 - December 31, 1957

	DMEA-1631	Idm-E 236	Excalibur Uranium Corporation	"
	DMEA-1957	Idm-E 397	Ellihill Mining Company	"
	DMEA-2328	Idm-E 320	Marene Uranium Corporation	"
	DMEA-2771	Idm-E 577	Gramlich Exploration Company	"
**	DMEA-3003	Idm-E 650	El Jato Uranium Company	"
	DMEA-3078	Idm-E 653	George W. Schweigert	Thorium
	DMEA-3620	Idm-E 792	Uranium Prospectors Co.	Uranium
	DMEA-3762	Idm-E870	Shannon Oil Company	"

** The mine is presently active. The operator plans to terminate operations in June or July (1958) due to exhaustion of known ore reserves.

/s/ Ernest Wm. Ellis

Ernest Wm. Ellis

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

February 27, 1958

GENERAL FILE COPY
DMEA
RECEIVED MAR 3 1958

DATE	INITIALS	CODE
3/4	C	220
4	com	100
"	FE	110
		800
3/5		700

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

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

DMEA Docket 1957 W208
Contract Idm-E 397
Ellihill Mining Company (White Canyon)
San Juan County, Utah

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

W H King
Executive Officer, DMEA
Field Team, Region III

Enclosures
MHM:bh

cc: Semiannual Report File E -397
DMEA/SLC
Harshman
Chron.

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

Reporting Period	July 1 - December 31, 1957
Docket and Contract Number	DMEA-1957, Idm-E397
Operator	Ellihill Mining Co. White Canyon, San Juan County, Utah

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

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

Remarks:

Property has been inactive and data have remained unchanged since the last report.

Signed P. V. Fillo

P. V. Fillo

Date February 20, 1958

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

August 23, 1957

DMEA
8/26 Com 100

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1957 through June 30, 1957
DMEA Docket 1957 (Uranium)
Contract Idm-E 397, Ellihill Mining Company (White Canyon-Jomac Mine), San Juan County, Utah

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

Alternate Acting Executive Officer
DMEA Field Team, Region III

Enclosures

MHM/vj
cc: Semiannual Report File E 397
DMEA/SLC - Fillo
Harshman (2)
Chron.

DMEA, REGION III

Statement in Lieu of Semiannual Report

Reporting Period	January 1, 1957 - June 30, 1957
Docket and Contract Number	DMEA-1957, Idm-E397
Operator	Ellihill Mining Co. White Canyon, Utah San Juan County, Utah

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

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

Remarks:

Project has been inactive and data have remained unchanged since the last report.

Signed P. V. Fillo

P. V. Fillo

Date August 16, 1957

Official
COPY
DMEA
RECEIVED MAR 4 1957

DATE	INITIALS	CODE
3-7	C	220

224 New Customhouse
Denver 2, Colorado

February 21, 1957

Memorandum

To: S. R. Wilson

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

Subject: Semiannual Report Period 7/1/56 - 12/31/56, Docket DMEA 1957 (Uranium), Contract Idm-E397, Ellihill Mining Company (Jomac Mine), San Juan County, Utah

Enclosed is a copy of the Chairman's letter dated February 18, 1957 which is self explanatory.

Undoubtedly your engineer was misguided by the data contained in the listing of uranium projects enclosed with our memorandum dated January 18, 1957 pertaining to the general subject of semiannual reports of certified projects.

For this contract, our records indicate:

Bonus Royalty Paid	$1,308.53
Bonus Royalty Due	None

The last item may perhaps be more clearly understood as Balance of Bonus Royalty Due. The word "none" is used so as to be consistent with the notation following the item Amount of Royalty Due found on page 1 of the subject report.

Four copies of this memorandum are being forwarded to the Chairman for filing as a supplement to the original report.

We suggest that you hold all semiannual reports on uranium projects until advised otherwise by this office.

Original signed by
E. N. HARSHMAN

E. N. Harshman

Enclosure
NHM/vj
cc: Semiannual Report File E397
Chair. Opr. Comm. (4)
Harshman)w/cy Chair. ltr dtd 2/18/57
Hasler)
Marshall
Chron.

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Misc. Metals Division Date February 12, 1957

Semi-Annual Report - Certified Project Date 7/1/56 thru 12/31/56

DMEA No. 1957 Operator Ellihill Mining Company Contract No. Idm-E 397

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	4,370.	0.25% U_3O_8
Increase (Operator)	—	
Total	4,370	"
Decrease (Production)	2,994	
Net Available	1,386	"

Investment

None

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

No change in status since last report.

Michael Ching

100338

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

Date: February 11, 1957

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1956 through December 31, 1956
DMEA Docket 1957 (Uranium)
Contract Idm-E 397, Ellihill Mining Company (Jomac Mine), San Juan County, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office and Memorandum 29.

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

Enclosures
MHM/vj
cc: Semiannual Report File E 397
S. R. Wilson
Harshman
Hasler
Chron.

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DMEA
RECEIVED FEB 13 1957

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2/13	COM	100
2-19	C	220

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

February 5, 1957

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-1957 (Uranium), Contract Idm-E307, Ellihill Mining Co., San Juan County, Utah

Attached are the original and eight copies of "Semiannual Report of Certified Projects" covering the period July 1, 1956, to December 31, 1956. This report includes uranium data supplied with your memorandum dated January 18, 1957. The report should replace the "Statement in Lieu of Semiannual Report" previously mailed to your office.

Stephen R Wilson
Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 18 1957

DATE	INITIALS	CODE

Semiannual Report of Certified Projects

Reporting Period	July 1, 1956 to December 31, 1956
Docket and Contract Number	DMEA-1957, Idm-E397
Operator	Ellihill Mining Co. White Canyon, Utah
Commodity	Uranium
Mine Name	Jomac
County and State	San Juan County, Utah
Date of Contract	September 4, 1952
Date of Certification	November 4, 1953
Expiration Date of Royalty Payments	September 4, 1962
Date of Examination for this Report	January 10, 1957
Total Amount of Contract	$19,050.00
Total Expenditures under Contract	$18,973.11
Amount of Government Participation at 90 %	$17,075.80
Royalty Payments this Period	None
Previous Royalty Payments	$3,761.15
Total Royalty Payments to Date	$3,761.15
% Loan Repayment Completed	22%
Amount of Royalty Due	None
Royalty Remarks	None

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DMEA
RECEIVED FEB 18 1957
DATE | INITIALS | CODE

	Tons	Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [X] Survey [ ] Joint [ ]	12,000	.15% U_3O_8
Revised Estimate of DMEA Reserves (Field Team) Mines [X] Survey [ ] Joint [ ]	Same	
Increase of Reserves by work performed subsequent to DMEA project work	None	
Production DMEA ore (This period)	None	
(Previous)	2,993.70	
(To date)	2,993.70	
" Operator's ore (This period)	None	
found subsequent (Previous)	None	
to DMEA work (To date)	None	

Percent Revised Reserves mined 25%

(For Uranium Ores Only)

Initial Production Bonus:

Status of Operator: Ineligible [ ] Applied for [ ] Rec'ing pmt [ ] Pd up [X]

Pounds U_3O_8 produced this period eligible for Bonus None

Amount of Bonus paid to Operator this period $ None

Total pounds U_3O_8 produced to date eligible for Bonus 10,000

Total amount of Bonus paid to Operator to date $ 35,000

Bonus Royalty Paid $ Pd. up

Bonus Royalty Due $ Pd. up

Investment Data

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

Project has been inactive and data have remained unchanged since the last report.

Signed R.O. Fell (Engineer)

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Rare & Miscellaneous Metals Division Date September 13, 1956

Semi-Annual Report - Certified Project Date Jan. 1, 1956 thru June 30, 1956

DMEA No. 1957 Operator Ellihill Mining Company Contract No. Idm-E 397

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	4,370	0.25% U_3O_8
Increase (Operator)	—	—
Total	4,370	"
Decrease (Production)	2,994	"
Net Available	1,386	"

Investment None

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

No work has been done since June, 1954. Operations were discontinued after 10,000 pounds U_3O_8 eligible for the AEC bonus were produced. This indicates grade of remaining reserves must be marginal.

Michael Ching

200338

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

RECEIVED
SEP 1 3 1956

224 New Customhouse
Denver 2, Colorado

Date: September 7, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period January 1, 1956 through June 30, 1956
DMEA Docket 1957 (Uranium)
Contract Idm-E 397, Ellihill Mining Company (Jomac Mine), San Juan County, Utah

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

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

Enclosures

MHM/vj
cc: Semiannual Report File E 397
S. R. Wilson
E. N. Harshman
J. W. Hasler
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 12, UTAH

September 4, 1956

RECEIVED
SEP 10 1956

Memorandum

To: W. K. Trevor, Executive Officer, DMEA Field Team, Region III

From: Stephen R. Wilson

Subject: Docket No. DMEA 1967 (Uranium), Contract Idm-2397, Kilihill Mining Co., San Juan County, Utah

Attached are the original and eight copies of Statement in Lieu of Semiannual Report pertaining to the Kilihill property for the period January 1, 1956, to June 30, 1956. The property was examined by W. K. Young. No work was completed on the property during the reporting period.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

DMEA, REGION III

STATEMENT IN LIEU OF SEMIANNUAL REPORT

DMEA
DEPARTMENT OF THE INTERIOR
SEP 7 1956
REGION III
DENVER, COLORADO

Reporting Period — January 1, 1956 - June 30, 1956
Docket and Contract Number — DMEA-1957, Idm-E397
Operator — Ellihill Mining Co.
White Canyon, Utah

RECEIVED
SEP 12 1956

"X" one

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

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

Remarks: No further work has been done.

Signed W. E. Young — Date September 4, 1956

RECEIVED

MAR - 1 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

224 New Customhouse
Denver 2, Colorado

Date: February 28, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Semiannual Report of Certified Project for the period July 1, 1955 through December 31, 1955.
DMEA Docket 1957 (Uranium)
Contract Idm-E 397 , Ellihill Mining Company, Jomac Mine, San Juan County, Utah

Enclosed are the original and three copies of the subject report prepared in conformance with instructions contained in memorandum of January 6, 1956 from this office. and Memorandum 29.

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

Enclosures
RDB/vj
cc: Semiannual Report File E 397
S. R. Wilson
E. N. Harshman
J. W. Hasler
Chron.

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

RECEIVED
DMEA
Date Rec'd MAR 1 1956
FEB 1 1956
BUREAU OF MINES
Denver, Colorado

January 30, 1956

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA 1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah

Attached are the original and eight copies of a Semiannual Report of Certified Project covering the subject contract for the period July 1, 1955 to December 31, 1955.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

RECEIVED
MAR - 1 1956

SEMIANNUAL REPORT OF CERTIFIED PROJECT

Reporting Period	July 1, 1955 to December 31, 1955
Docket and Contract Number	DMEA 1957, Idm-E397
Operator	Ellihill Mining Co. White Canyon, Utah
Commodity	Uranium
Mine	Jomac
County and State	San Juan County, Utah
Date of Contract	September 4, 1952
Date of Certification	November 4, 1953
Expiration Date of Royalty Payments	September 4, 1962
Date of Examination for this Report	January 13, 1956
Total Amount of Contract	$19,050.00
Total Expenditures under Contract	$18,973.11
Amount of Government Participation at 90 percent	$17,075.80
Royalty Payments this Period	None
Previous Royalty Payments	$3,761.15
Total Royalty Payments to Date	$3,761.15
% Loan Repayment Completed	22%
Amount of Royalty Due	None
Royalty Remarks	None

Original Estimate of Reserves:	12,000 tons of ore containing 0.15% U_3O_8
Increase of Reserves by work performed subsequent to expiration or termination of contract:	None
Revised Estimate of Reserves:	Same 9,000 T
Production this Period	None
Amount of Previous Production	2,993.70 dry tons
Total DMEA Production to Date	2,993.70 dry tons
% of Revised Reserves Mined	25%

Production Remarks

No work has been done since June 1954. After expiration of the AEC bonus (10,000 pounds U_3O_8), the operation was discontinued.

W. E. Young

W. E. Young

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

RECEIVED
OCT 10 1955
BUREAU OF MINES
Denver, Colorado

DMEA
Date Rec'd.
AUG 1 1955

August 1, 1955

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah

Enclosed are the original and eight copies of a Semiannual Report of Certified Project covering the Ellihill property for the period January 1, 1955 to June 30, 1955. The property was inspected by W. E. Young July 21, 1955.

Stephen R. Wilson

Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

RECEIVED

OCT 10 1955

SEMIANNUAL REPORT OF CERTIFIED PROJECT

January 1, 1955 to June 30, 1955

Docket:	DMEA-1957, Contract Idm-E397
Commodity:	Uranium
Contractor:	Ellihill Mining Co. White Canyon, Utah
County and State:	San Juan County, Utah
Date of Certification:	November 4, 1955
Date of examination for this report:	July 21, 1955
Total contract amount:	$19,050.00
Total expended:	$18,973.11
Government participation:	$17,075.80 (90 percent)
Expiration date of royalty payments:	September 4, 1962
Production this period:	None
Royalties this period:	None
Royalties to date:	$3,714.42

The uranium mineralization in the Jomac mine occurs in association with carbonaceous material at and near the erosional contact of the Upper Triassic Shinarump formation and the underlying Lower Triassic Moenkopi formation.

No royalty was received by the Government during the reporting period. No production was made from the property during the period.

None of the company personnel was present at the time the property was visited. Equipment on the property at the time of the last inspection is still there.

W. E. Young
Mining Engineer

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

224 New Customhouse
Denver 2, Colorado

April 18, 1955

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Semi-Annual Report - Docket DMEA-1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah

Enclosed are four copies of the Semi-Annual report on the subject contract.

W. M. Traver

Enclosures

W. M. Traver

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

DMEA
Date Rec'd.

APR 14 1955

BUREAU OF MINES
Denver, Colorado
Bureau Minerals Administration
RECEIVED
APR 22 1955

April 12, 1955

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah

Attached are the original and eight copies of a Semiannual Report of Certified Project covering the subject property for the period July 1, 1954 to December 31, 1954. The report was prepared by W. E. Young and has been corrected to conform with information contained in your memorandum of April 6, 1955.

The company ceased operations on the property during December 1954. Inasmuch as the total number of pounds of U_3O_8 produced since the start of operations totals more than 10,000 pounds, the AEC bonus has expired. It is probable that the company terminated operations primarily because of this reason.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

SEMIANNUAL REPORT OF CERTIFIED PROJECT

July 1, 1954 to December 31, 1954

Docket:	DMEA-1957, Contract I&m-E397
Commodity:	Uranium
Contractor:	Killihill Mining Company, White Canyon, Utah
County and State:	San Juan County, Utah
Date of Certification:	November 4, 1953
Date of examination for this report:	March 19, 1955
Total Contract amount:	$19,050.00
Total expended:	$18,973.11
Government participation:	$17,075.80 (90%)
Expiration date of royalty payments:	September 4, 1962
Production this period:	1,047.29 dry tons
Royalties this period:	$1,311.70
Royalties to date:	$3,714.42

The uranium mineralization in the Jemac mine occurs in association with carbonaceous material at and near the erosional contact of the Upper Triassic Shinarump formation and the underlying Lower Triassic Moenkopi formation.

Royalty received by the Government during the reporting period totals $1,311.70. The ore produced totals $1,047.29 dry tons. The pounds of uranium produced since the start of operation totals 10,013.57 pounds. No work has been done at the mine since operation ceased in December 1954. It is assumed that most of the unmined material is considered to be below commerical-grade ore.

None of the company personnel was present at the time the property was visited. All equipment had been moved except two old compressors.

Est. - 4,370 T - 0.25% U_3O_8 - 5# per ton
Salts - - 0.14% U_3O_8 - 2.8# " "

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

224 New Customhouse
Denver 2, Colorado

September 24, 1954

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket DMEA 1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah

Enclosed are the original and three copies of a semi-annual report relative to operations at the site of the subject project subsequent to the issuance of a Certification of Discovery or Development by the Defense Minerals Exploration Administration.

W. H. King

Enclosures

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

August 30, 1954

DEPARTMENT OF THE INTERIOR
Defense Minerals
RE
SEP 30 1954

Mining Division
Date Rec'd
Sept 1
~~AUG 31~~ 1954
BUREAU OF MINES
Denver, Colorado

Memorandum

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

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

Subject: Docket No. DMEA-1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah.

Attached are the original and six copies of a Semi-annual Report of Certified Project covering operations of the subject property for the period January 1, 1954 to June 30, 1954. The report was prepared by M. M. Gilkey.

The property was examined July 17, 1954. During the reporting period a total of 1,966.42 dry tons of ore was shipped and royalties totaling $2,402.92 paid to the Government. Royalties paid to the Government since the effective date of the contract total $2,746.82.

Stephen R. Wilson
Stephen R. Wilson

Wilson
Brokaw

RECEIVED
SEP 30 1954

SEMIANNUAL REPORT OF CERTIFIED PROJECT

January 1, 1954 to June 30, 1954

Docket:	DMEA-1957, Contract Idm-E397
Commodity:	Uranium
Contractor:	Ellihill Mining Co. White Canyon, Utah
Mine:	Jomac
County and State:	San Juan County, Utah
Date of Certification:	November 4, 1953
Date of examination for this report:	July 17, 1954
Total contract amount:	$19,050.00
Total expended:	$18,973.11
Government participation:	(90 percent) $17,075.80
Expiration date of royalty payments:	September 4, 1962
Production this period:	1,966.42 dry tons
Royalties this period:	$2,402.92
Royalties to date:	$2,746.82

The uranium mineralization in the Jomac mine occurs in association with carbonaceous material at and near the contact of the Upper Triassic Shinarump formation with the unconformably underlying Lower Triassic Moenkopi formation.

Royalty received by the Government during the reporting period totals $2,402.92. The ore produced, totaling 1,966.42 dry tons, came principally from stopes between Drift No. 1 and Drift No. 2 and on the northeast side of Drift No. 1. A comparatively small tonnage was produced from stopes extended from the southwest side of Drift No. 2. The stopes are very irregular, both as to horizontal outline and height. Approximately one half of the mineralized material exposed in the area of the workings has been mined. It is assumed that much of the unmined material is considered to be below commercial grade.

None of the company personnel was present at the time the property was visited but inquiry at the nearby town of Hite, Utah revealed that work was to be resumed July 19, 1954.

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

224 New Customhouse
Denver 2, Colorado

January 29, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-1957 (Uranium), Contract No. Idm-E397, Ellihill Mining Company, San Juan County, Utah.

Enclosed are the original and three copies of a semi-annual report relative to operations at the site of the subject project subsequent to the issuance of a Certification of Discovery or Development by the Defense Minerals Exploration Administration.

W. H. King

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 1 1954

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

Mining Division
Date Rec'd
JAN 28 1954
BUREAU OF MINES
Denver, Colorado

January 26, 1954

Memorandum

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

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

Subject: Docket No. DMEA 1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah

Attached are six copies of Semiannual Report of Certified Project covering the period July 1, 1953, to December 31, 1953.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
[illegible] 1954

SEMIANNUAL REPORT OF CERTIFIED PROJECT

JULY 1, 1953 TO DECEMBER 31, 1953

Docket:	DMEA-1957, Contract Idm-E397
Commodity:	Uranium
Contractor:	Ellihill Mining Co., White Canyon, Utah
Mine:	Jomac
County and State:	San Juan, Utah
Date of Certification:	November 4, 1953
Date of examination for this report:	January 15, 1954
Total contract amount:	$19,050.00
Total expended:	$18,973.11
Government participation:	90 percent, $17,075.80
Expiration date of royalty payments	September 4, 1962
Production this period:	478.95 tons
Royalties this period:	(Paid and due) $343.90
Royalties to date:	(Paid and due) $343.90

The exploratory work under Contract Idm-E397 was finished at the Jomac mine with the completion of the underground drifting in Drift No. 2 about October 30, 1953. Direct mining was begun upon completion of contract work and the first shipment of ore arrived at the receiving station at Monticello, Utah, on November 4, 1953. This first shipment was made up, in part, of ore stockpiled during the exploratory work and, in part, of ore mined after October 30, 1953. The following tabulation is taken from the November 1953 settlement sheet furnished the DMEA by the ore-purchasing agent and from individual lot assays and weights for December 1953 furnished the operator by the ore purchasing agent. The figures from the settlement sheet indicate exactly the payment received by the operator, while the figures obtained from the lot weights and assays were calculated approximately and may vary from the final December settlement sheet.

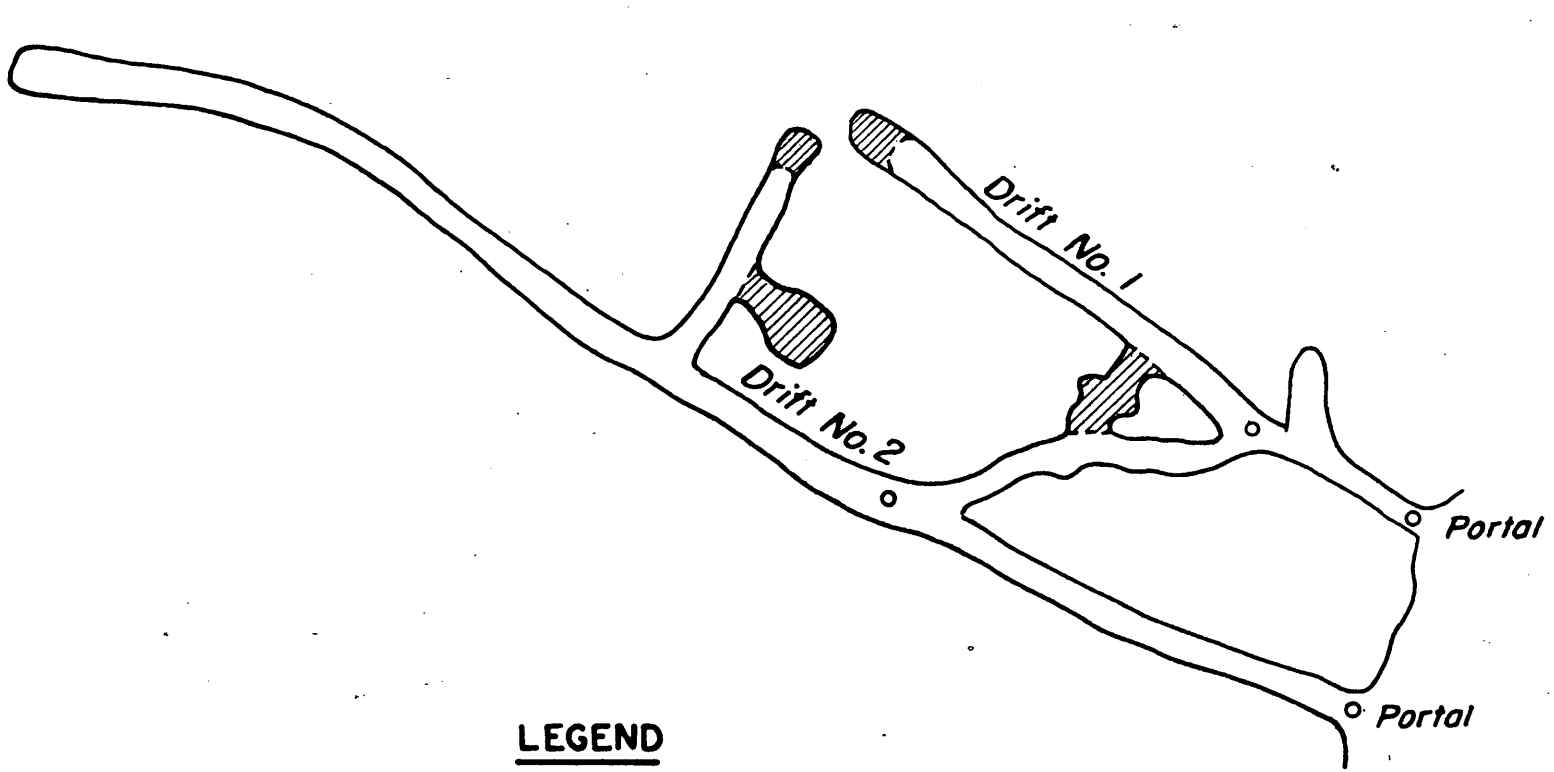
Month	Tonnage Dry Tons	Average grade Percent U_3O_8	Gross Value	Royalty Repayment
Nov.	134.10	0.13	$1,749.64	$87.33
Dec.	344.85	0.15	5,131.46	256.57
Totals	478.95	0.14 avg.	$6,881.10	$343.90

It will be noted that the royalty repayments shown above have not as yet been received from the ore-purchasing agent.

The attached map shows the work accomplished by the operator since the completion of the contract work. Ore has been mined from two small stopes and has been obtained from the widening of drifts to accommodate the horse-drawn, rubber-tired cart used for haulage underground. Some advance was measured in Drift No. 1 and in the crosscut.

The leaser presently operating the mine plans to maintain a systematic pattern of stoping, if the somewhat irregular deposition of the uranium ore will allow. The stope S. 50° E. from the crosscut is the first of a series of similar working places to be established.

Some exploratory work is planned by the operator. This will consist of advancing the faces of Drift No. 1 and Drift No. 2. A thickening of grey mudstone in Drift No. 2 is believed to have reached its maximum, and it appears that this lens of waste will thin as the face is advanced; thus Drift No. 2 will be advanced to determine the thickness of the mineralized stratum above the mudstone. Drift No. 1 will also be advanced as men are available from the mining operation.



LEGEND

PROGRESS SINCE COMPLETION OF PROJECT WORK

0 40 80

SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. DMEA Docket No. 1957, Contract Idm-E 397

Progress Sketch Map of
Semiannual Inspection Report

ELLIHILL MINING CO.

SAN JUAN COUNTY, UTAH

ENGINEER: *H. K. THURBER*	DATE: JAN. 29, 1954
TRACED: JAN., 1954, A. P. T. S.	1900 - 276 - E
CHECKED:	

4-27-56

RECEIVED
APR 27 1956

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

224 New Customhouse
Denver 2, Colorado

Date: April 24, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 1957 (Uranium), Contract Idm-E397, Ellihill Mining Company - Utah

Period: March, 1956

During the above month the following royalty payments were received for ore or concentrates shipped from the subject property:

Lot No.	Dry Tons	Royalty Due	Royalty Pd.
		(NONE)	

Totals:

Past Due Royalties Collected	None
Total Dry Tons (Ore or Cons.) Shipped to Date	3013.708
Expiration Date of Royalty Repayment	Sept. 4, 1962
Amount of Government Participation	$17,075.80
Total Royalty Payments to Date	$3,761.15
Percent of Loan Repayment	22.03%

W. M. Traver

W. M. Traver

vj

cc Royalty File E 397 w/Settlement Sheets
Monthly Royalty Payment File
~~T. A. Christensen~~
S. R. Wilson
Chron.

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

224 New Customhouse
Denver 2, Colorado

December 21, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty Payments

Enclosed are settlement sheets and Colorado Plateau Uranium Ore Project's check, No. 14247, in the amount of $421.03 in payment of royalties on the following contracts:

Liq. No.	Docket No.	Contract No.	State	Name	Amount
6539	1957	E397	Utah	Ellihill Mining Co.	$ 66.88
6635	2888	E595	Colo.	Fred Schwartzwalder	171.68
6636	2888	E595	Colo.	Fred Schwartzwalder	182.47
					$421.03

W. H. King

Enclosures

mn

cc: Royalty File E397
Royalty File E595
Sec. to the Oper. Comm. (2) w/enc. settlement sheets.
Wilson (1) w/enc. settlement sheet
Traver (1) w/enc. settlement sheets
Chron.

O-4 8-54 25M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station White Canyon, Utah — Grand Junction, Colorado 11/17/54 19

Station No. 6539 — Lot No. Various 67 — Shippers Lot No.

Bought of Ellihill Mining Company — A.E.C. License No. P-1002

Address c/o Wm F. Reyes; Certified Public Accountant; First National Bank Building;

Type of Ore Copper-Uranium — Contract No. 177-C — Date Received Oct. Del. (Price, Utah)

Mining Claim Jemac #1 — Mining District White Canyon — Pile No. 1

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CU	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	CU
23	62740	5.38	59368	0.15		5.1	0.14	89.05	3027.77		83.12
24	62000	5.50	58589	0.13		4.7	0.07	76.17	2753.68		41.01
14	91290	4.95	88771	0.12		4.0	0.13	104.13	3470.84		112.80
42	61680	4.75	58753	0.12		4.0	0.10	70.50	2350.12		58.75
43	61770	4.75	58838	0.11		5.1	0.09	64.72	3000.74		52.95
66	59540	5.25	56417	0.15		5.2	0.14	84.63	2933.68		78.98
67	44350	5.50	41912	0.23		5.1	0.10	96.40	2137.51		41.91
	443370	5.13	420648	0.139214		4.7	0.11	585.60	19674.34		469.52

U308

	Per Lb.	Per Ton	Short Tons	Total Value
.139214% = 2.78428# at	2.28428	6.36008	210.3240	$1,337.68
Development allowance 2.78428# at	.50	1.39214	"	292.80
TOTAL U308 PAYMENT		7.75222	210.3240	$1,630.48
Haulage allowance 17 miles @ 6¢ per wet ton mile			221.6850	226.12
TOTAL				$1,856.60

CU

No Pay Less Than 1%

TOTAL GROSS PRICE			$1,856.60
Deductions: Royalties:			
DMFA #387			
5% of (1337.68)		66.88	
Cash Advance		875.00	- 941.88
NET PROCEEDS			$914.72

Correct CFK — Paid 11/17/54
Checked DPR — Vo. No. 11/189
Approved HCJ — Check NO. 14029

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Ellihill Mining Company
BY
Title
Seller or Agent

Buyers assays govern if Seller fails to submit his assays prior to acceptance of shipment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

12/23/54 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D.C.

224 New Customhouse
Denver 2, Colorado

December 20, 1954

DEC 23 1954

Memorandum

To: C. O. Mittendorf, Administrator, DMEA

From: Executive Officer, DMEA Field Team, Region lV

Subject: Calculation of Royalty due, DMEA Docket 1957 (Uranium)
Contract Idm-E397, Ellihill Mining Company

Enclosed is a copy of a settlement sheet pertaining to an ore shipment under the subject contract. Net value of this shipment of 210.324 dry tons is $1,856.60, or a per ton valuation of $8.83, which demands a royalty payment of 2.0%.

Ellihill Mining Company is still eligible to receive, and has been receiving, the Atomic Energy Commission Bonus for uranium production from this property. The A.E.C. Production Bonus on this shipment would be equal to the payment for the uranium content of the ore only. In this case, this amount will be $1,337.68.

It is our opinion that DMEA royalty due on this shipment should be at the 5.0 percent rate based upon total valuation to the operator ($1,856.60 + $1,337.68 or $3,194.28) which gives a valuation of $15.19 per ton.

Please advise by return mail if our interpretation of this DMEA royalty regulation is correct so we may request the correct additional payment from this operator.

W. H. King

W. H. King

Enclosure

COLORADO PLATEAU URANIUM ORE PROJECT

Receiving Station [illegible]

Liquidation No. [illegible]

Bought of [illegible] Mining Company

Address c/o [illegible] Bonney Certified Public Accountants, First National [illegible]

Type of Ore Carnotite-Uranium

Mining Claim [illegible]

Date Received [illegible]

File No. [illegible]

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	[illegible]	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	[illegible]
23	62740	5.30	59393	0.15		3.1	0.14	89.09	3027.77	83.17	
24	62000	5.50	58590	0.13		4.7	0.07	76.17	2753.63	41.01	
14	91290	4.35	86771	0.12		4.0	0.13	104.13	3470.84	112.80	
42	61680	4.75	58733	0.12		4.0	0.10	70.48	2350.12	58.75	
43	61770	4.75	58834	0.11		3.1	0.09	64.72	3000.74	52.95	
66	59540	5.23	56417	0.15		3.2	0.14	84.63	2933.60	78.98	
67	44350	5.50	41918	0.23		3.1	0.10	[illegible]	2117.51	41.91	
	443370	5.18	420643	0.13924		4.7	0.11	[illegible]	19874.34	459.52	

U308

	Per lb.	Per ton	Short tons	Total Value
.1392143 x 2.70429 =	2.20429	0.30000	210.3240	$1,307.68
Development allowance 2.70429 =	.50	[illegible]	[illegible]	[illegible]
TOTAL 3308 PAYMENT		1.75282	210.3240	$1,[illegible]
Haulage allowance 17 miles @ 6¢ per ton per mile			210.3240	[illegible]
TOTAL				$1,[illegible]

V2

No Pay Less Than 1%

TOTAL GROSS PRICE		$1,[illegible]
Deductions: Royalties		
DMEA #397		
5% of (1307.68)	65.38	
Cash Advance	875.00	= 941.68
NET PROCEEDS		$314.72

Correct GFR
Checked LPR
Approved HSJ

BUREAU OF [illegible]
Denver [illegible]

Paid 12/17/54
Vo. No. 11/300
Check No. 24020

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and I legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5 U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

[illegible] Mining Company
By [illegible]
Seller or Agent

[illegible] assays govern if Seller fails to submit his assays prior to acceptance of payment.
[illegible] paid are based on U. S. Atomic Energy Commission Published Schedules.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

WASHINGTON 25, D. C.

November 8, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region lV

Subject: Royalty Payments

Enclosed are settlement sheets and Colorado Plateau Uranium Ore Project's check, No. 13878, in the amount of $98.80 in payment of royalties on the following contracts:

Liq. No.	Docket No.	Contract No.	State	Name	Amount
6257	3060	E638	Utah	Thornburg Mining Co.	$ 6.34
6331	1957	E397	Utah	Ellihill Mining Co.	88.57
6349	2135	E381	Utah	Sunnyside Uranium Co.	3.89
					$98.80

John F. Shaw
For W. H. King

Enclosures

mn

cc: Royalty File E638
E397
E381
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Wilson (3) w/enc. settlement sheets
Chron.

ADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore [illegible]asing Agent For
United States Atomic Energy Commission

Receiving Station Monticello, Utah — Grand Junction, Colorado October 14, 19 54

Liquidation No. 6331 — Lot No. Var. 11946 — Shippers Lot No.

Bought of Ellihill Mining Company — A.E.C. License No. P-1002

Address White Canyon, Utah

Type of Ore Copper-Uranium — Contract No. 177-C — Date Received September Del.

Mining Claim Jomac #1 — Mining District White Canyon — Pile No. 35

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	U	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	CU
11799	83810	3.50	80873	0.17	-	3.9	0.03	137.48	-	3154.05	24.26
11871	104770	3.88	100703	0.17	-	4.5	-	171.200	-	4531.64	-
11903	95550	3.06	92626	0.19	-	4.6	0.18	175.99	-	4260.80	166.78
11946	73410	4.32	70238	0.16	-	4.7	0.08	112.38	-	3301.19	56.19
	357540	3.66	344440	.173339	-	4.4	.07	597.05	-	15247.68	247.18

U308	Per Lb.	Per Ton	Short Tons	Total Value
.173339% = 3.46678# at	$2.97	$10.29	172.2200	$1,771.32
Development allowance 3.46678# at	.50	1.73	"	298.52
TOTAL U308 PAYMENT		$12.02	172.2200	$2,069.84
Haulage allowance 100 (110) Miles @ 6¢ per wet ton mile			178.770	1,072.62
TOTAL				$3,142.46
CU - No Pay				- - - -
TOTAL GROSS PRICE				$3,142.46
Deductions: Royalties:				
DMEA #397				
5% of (1771.32) =		88.57		
Cash Advance as per detail		2000.00		-2,088.57
NET PROCEEDS				$1,053.89

Correct CFK — Paid October 14, 1954
Checked DPR — Vo. No. 10/121
Approved HCJ — Check No. 13628

sp

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Ellihill Mining Company
By
Title
Seller or Agent

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

1957

224 New Customhouse
Denver 2, Colorado

October 15, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty Payments

The attached Colorado Plateau Uranium Ore Project's check, No. 13605, in the amount of $768.01 is to be deposited in the suspense account. 1 check in the amount of $15.59, isto be issued to Defense Minerals Exploration Administration and forwarded to the Region 11 office with the attached copies of settlement sheets for Eiselein, Nelligan and Nineminen, Liquidation No. 6158.

Balance of this check, $752.42, is to be credited to payments of royalties due as follows:

Liq. No.	Docket No.	Contract No.	State	Name	Amount
6128	3117	E633	Colo.	Clarence L. Neilson	$ 6.66
6164	2135	E381	Utah	Sunnyside Uranium Co.	242.49
6166	2888	E595	Colo.	Fred Schwartzwalder	342.69
6429	1957	E397	Utah	Ellihill Mining Co.	138.96
6107	3060	E638	Utah	Thornburg Mining Co.	17.19
6064	3060	E638	Utah	Thornburg Mining Co.	4.43
					$ 752.42

/s/ W. H. King

W. H. King

Enclosure

Form No. O-4 8-54-25M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station Monticello, Utah — Grand Junction, Colorado September 22, 1954

Liquidation No. 6429 — Lot No. Var. 11743 — Shippers Lot No.

Bought of Ellihill Mining Company — A.E.C. License No. P-1002

Address White Canyon, Utah

Type of Ore Copper-Uranium — Contract No. 177-C — Date Received August Deliveries

Mining Claim Jonac #1 — Mining District White Canyon — Pile No. 35

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CU	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	CU
11595	90540	3.74	87155	.23		4.2	0.03	200.46		3660.51	26.15
11616	85300	3.06	82686	.14		3.8	0.05	115.76		3142.07	41.34
11646	85690	2.80	83289	.19		3.7	0.15	158.25		3081.69	124.93
11671	83730	2.87	81331	.23		4.3	0.17	187.06		3497.23	138.26
11707	100600	3.34	97238	.13		4.3	0.22	126.41		4181.23	213.92
11743	55460	4.08	53196	.18		4.6	0.03	95.75		2447.02	15.96
	501320	3.28	484895	.182244		4.13	0.12	883.69		20009.75	560.56

U3O8	Per Lb.	Per Ton	Short Tons	Total Value
.182244% = 3.64488# at	$3.14488	$11.46271	242.4475	$2,779.10
Development allowance 3.64488# at .50		1.82244	*	441.85
TOTAL U3O8 PAYMENT		$13.28515	242.4475	$3,220.95
Haulage allowance 100 miles @ 6¢ per wet ton mile			250.6600	1,503.96
Total				$4,724.91
CU - No Pay less than 1.0%				- - -
TOTAL GROSS PRICE				$4,724.91
Deductions:				
Royalties - DMEA #397, 5% of 2779.11			138.96	
Cash Advance as per detail attached			3,300.00	-3,438.96
NET PROCEEDS				$1,285.95

Correct CFK — Paid September 22, 1954
Checked DPR — Vo. No. 9/133
Approved HCJ — Check No. 13326

eie

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Ellihill Mining Company
By
Pielo
Seller or Agent

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

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

224 New Customhouse
Denver 2, Colorado

September 23, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty Payments

Enclosed is Colorado Plateau Uranium Ore Project's check, No. 13316, in the amount of $808.35 in payment of royalties on the following contracts and liquidation numbers:

Liq. No.	Docket No.	Contract No.	State	Name	Amount
5907	2888	E595	Colo.	Fred Schwartzwalder	$239.01
5931	1957	E397	Utah	Ellihill Mining Co.	119.94
5934	1631X	E236	Utah	Excalibur Uranium	3.43
5935	3117	E633	Colo.	Clarence Neilson	24.56
5959	2135	E381	Utah	Sunnyside Uranium Co.	421.41
					$808.35

W. H. King

Enclosures

mn

cc: Royalty File E595
E397
E236
E633
E381
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Traver (2) w/enc. settlement sheets
Wilson (3) w/enc. settlement sheets
Chron.

Form No. O-

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station: Monticello, Utah — Grand Junction, Colorado: August 20, 1954

Liquidation No.: 9031 — Lot No.: Var. 11557 — Shippers Lot No.:

Bought of: Elliehill Mining Company — A.E.C. License No.: U-1002

Address: White Canyon, Utah

Type of Ore: Copper-Uranium — Contract No.: 177-C — Date Received: July Deliveries

Mining Claim: Jesse # 1 — Mining District: White Canyon — Pile No.: 35

County: San Juan — State: Utah — Locality: Deer Flat

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	~~XXXXX~~ $CaCO_3$	~~XXXXX~~ Cu	CONTENTS POUNDS U_3O_8	~~XXXX~~ $CaCO_3$	~~XXXXX~~ Cu
11421	69490	3.00	67403	.13	5.8	.14	87.62	3909.37	94.36
11440	84740	3.93	81412	.14	4.8	.04	113.98	3907.78	32.56
11466	86230	3.53	83182	.13	4.8	.05	108.14	3992.74	41.59
11480	100850	3.43	97382	.15	4.4	.04	146.08	4285.25	38.96
11528	82820	3.37	80029	.17	2.6	.06	136.05	2080.75	48.02
11557	102060	4.29	97681	.26	4.7	.03	253.97	4591.01	29.30
	526190	3.63	507099	.166802	4.5	.06	845.85	22766.90	284.79

	Per Lb.	Per Ton	Short Tons	Total Value
166802% - 3.33604# at	$2.83604	$ 9.46114	253.5485	$2,398.86
Development allowance 3.33604# at	.50	1.66802	"	422.93
TOTAL U3O8 PAYMENT		$11.12916	253.5485	$2,821.79
Haulage allowance 100 (110) miles @ 6¢ per wet ton mile			263.0950	1,578.57
TOTAL				$4,400.36
CU - No Pay Less Than 1%				— — —
TOTAL GROSS PRICE				$4,400.36
Deductions:				
Cash Advance as per detail attached			$3400.00	
Royalties: DMEA Lease Docket # 397 5% of (2398.86)-			119.94	
				-3,519.94
NET PROCEEDS				$ 880.42

Correct C/K — Paid August 20, 1954
Checked DPK — Vo. No. 8/107
Approved HCJ — Check No. 12896

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Elliehill Mining Company
by
Title
Seller or Agent

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

®

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

224 New Customhouse
Denver 2, Colorado

August 9, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Ellihill Mining Company, Docket No. DMA 1957, Contract No. E397, Utah

Enclosed is check in the amount of $84.72 in payment of balance of royalty on the following liquidation numbers:

Balance due on Liq. No.	5252	$14.43
" " " "	5581	29.00
A.E.C. Production Bonus	5581	41.29
		$84.72

W. H. King

W. H. King

Enclosure

es

cc: Royalty File E397
Sec. to the Oper. Comm. (2)
Wilson
Chron.

Form No. 4 11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Ellihill Mining
DMEA-1957
IDM-E397

Receiving Station Monticello, Utah — Grand Junction, Colorado July 23 1954

Liquidation No. 5700 — Lot No. Var. 11347 — Shippers Lot No.

Bought of Ellihill Mining Company — A.E.C. License No. R-1002

Address White Canyon, Utah

Type of Ore Copper-Uranium — Contract No. 177-C — Date Received Var. June Deliveries

Mining Claim Jeanne #1 — Mining District White Canyon — Pile No. 35

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CU	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	CU
11274	97630	2.55	95140	.18		5.7	.13	171.25		5428.98	123.68
11347	84110	2.72	81765	.14		5.2	.04	114.47		4254.14	32.71
	181740	2.66	176905	.161510		5.8	.080483	285.72		10247.12	156.39

U3O8	Per Lb.	Per Ton	Short Tons	Total Value
.161510% = 3.23020# at	$2.73020	$8.81909	88.4525	$780.07
Development allowance 3.23020# at	.50	1.61510	"	142.86
TOTAL U3O8 PAYMENT		$10.43419	88.4525	$922.93
Haulage allowance 100 miles @ 6¢ per wet ton mile			90.870	545.22
TOTAL				$1,468.15
CU - No Pay less than 1.0% -				- - -
TOTAL GROSS PRICE				$1,468.15
Deductions:				
Cash Advance as per detail attached			1,150.00	
Royalties & DMEA Loan #397, 5% of (780.07)			39.00	-1,189.00
NET PROCEEDS				$ 279.15

Correct WPP — Paid July 23, 1954
Checked LRJ — Vo. No. 7/154
Approved HCJ — Check No. 12716

SIF

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Ellihill Mining Company
By _____ Seller or Agent.
Title

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

Form No. O-4 8-54 25M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station Monticello, Utah — Grand Junction, Colorado July 23 19 54

Liquidation No. 5770 — Lot No. Var. 11381 — Shippers Lot No.

Bought of Ellihill Mining Company — A.E.C. License No. P-1082

Address White Canyon, Utah

Type of Ore Copper-Uranium — Contract No. 177-C — Date Received June Deliveries

Mining Claim Jeanc #1 — Mining District White Canyon — Pile No. 35

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CU	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	CU
11306	81730	3.20	79112	.2[illegible]		6.5	.19	158.22		5142.28	150.31
11381	83530	2.46	81473	.22		6.5	.08	179.24		5295.75	65.18
	165260	2.83	160585	.210144		6.5	.134191	337.46		10438.03	215.49

U308	Per lb.	Per Ton	Short Tons	Total Value
.210144% = 4.20288# at	$3.50	$14.71008	80.2925	$1,181.11
Development allowance 4.20288# at	.50	2.10144	"	168.73
Premium in excess of 4# per ton 4.20288# - 4# = .20288# at	.75	.15216	"	12.22
TOTAL U308 PAYMENT		$16.96368	80.2925	$1,362.06
Haulage allowance 100 miles @ 6¢ per wet ton mile			82.6300	495.78
TOTAL				$1,857.84
CU - No Pay less than 1.0% =				- - -
TOTAL				$1,857.84
Less CaCO3 Penalty				
CaCO3 in excess of 6.%				
6.5% - 6% = .50%				
.50% @ .30 per Unit + $1.00 base =		1.150	80.2925	- 92.34
TOTAL GROSS PRICE				$1,765.50
Deductions:				
Cash Advance as per detail			1,350.00	
Royalty: DMEA Loan #397, 5% of (1100.99)			55.05	-1,405.05
NET PROCEEDS				$ 360.45

Correct WPP — Paid July 23, 1954
Checked LRJ — Vo. No. 7/154
Approved HCJ — Check No. 12716

Sir

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Ellihill Mining Company

By _____ Seller or A[illegible]

Title

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

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

224 New Customhouse
Denver 2, Colorado

July 16, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Fred Schwartzwalder, Docket No. 2888, Contract No. E595, Colorado; Ellihill Mining Company, Docket No. 1957, Contract E397, Utah; C. L. Neilson, Docket No. 3117, Contract No. E633, Colorado; Sunnyside Uranium Co., Docket No. 2135, Contract No. E381, Utah

Enclosed are the following settlement sheets covering ore shipped by the above-mentioned Operators to the Colorado Plateau Uranium Ore Project:

Liq. No.	5492-Fred Schwartzwalder, E595	$123.78
	5581-Ellihill Mining Co., E397	42.37
	5566-C. L. Neilson, E633	5.39
	5588-Sunnyside Uranium Co.E381	137.72
		$309.26

Also enclosed is check in the amount of $309.26 in payment of royalty on these shipments.

W. H. King

Enclosures

es

cc: Royalty File E595
" " E397
" " E633
" " E381
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Traver (2) w/enc. settlement sheets
Wilson (2) w/enc. settlement sheets
Chron.

Form No. 4 11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station Monticello, Utah — Grand Junction, Colorado June 16 1954

Liquidation No. 5881 — Lot No. Var. 11188 — Shippers Lot No.

Bought of Gilihill Mining Company — A.E.C. License No. F-1002

Address White Canyon, Utah

Type of Ore Copper-Uranium — Contract No. 177-C — Date Received May Deliveries

Mining Claim Jesse #1 — Mining District White Canyon — Pile No. 11

Country: San Juan State: Utah Locality: White Canyon

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	Settlement Assays U_3O_8	Settlement Assays V_2O_5	Settlement Assays $CaCO_3$	Settlement Assays CU	Contents Pounds U_3O_8	Contents Pounds V_2O_5	Contents Pounds $CaCO_3$	Contents Pounds CU
11036	49980	2.72	48622	.19		5.3	.09	92.38		2576.97	43.76
11060	84180	2.88	81748	.19		5.6	.03	155.32		4577.89	24.52
11188	14780	2.80	14366	.13		5.3	.05	18.68		761.40	7.18
	148940	2.82	144736	.184045		5.5	.05	266.38	[illegible]	7916.26	75.46

U308	Per lb.	Per Ton	Short Tons	Total Value
.184045% = 3.68090# at	$3.18090	$11.70857	72.3680	$847.33
Development allowance 3.68090# at	.50	1.84045	"	133.19
TOTAL U308 PAYMENT		$13.54902	72.3680	$980.52
Haulage allowance 100 miles @ 6¢ per wet ton mile			74.4700	446.82
TOTAL				$1,427.34
CU - No Pay less than 1.0%				- - -
TOTAL GROSS PRICE				$1,427.34
Deductions:				
Cash Advance as per detail attached			1,050.00	
Royalty: DMCA Loan #397, 5% of (847.33) =			42.37	-1,092.37
NET PROCEEDS				$ 334.97

Correct WKC — Paid June 16, 1954
Checked LKJ — Ve. No. 6/130
Approved HCJ — Check No. 12359

cir

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Gilihill Mining Company
By _____ Seller or Agent.
Title

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

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

224 New Customhouse
Denver 2, Colorado

July 14, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: A.E.C. Production Bonus Payments-Ellihill Mining Company, DMA 1957, Contract No. E397, Utah

Enclosed are copies of applications for Bonus Payment under Contract No. E397, Ellihill Mining Company, showing the amount received from A.E.C. which supports A.E.C. Production Bonus Payments to date.

W. H. King

Enclosures
RDB:
es

cc: Royalty File E397
Sec. to the Oper. Comm. (2) w/enc.
Wilson w/enc.
Chron.

U. S. ATOMIC ENERGY COMMISSION

APPLICATION FOR BONUS PAYMENT

Section [illegible] of the Act of August 1, 1946, as amended
(Public Law [illegible] 79th Congress, 2d Session)

1. NAME OF APPLICANT

Millhill Mining Company

2. MAILING ADDRESS

White Canyon, Utah

3. NAME OF MINING PROPERTY

Zemac 1 60 % [illegible]

4. MINING DISTRICT

White Canyon

5. DATE

[illegible]

6. APPLICATION NO.

[illegible]

7. MINING PROPERTY CERTIFICATION NO.

[illegible]

No application for bonus payment will be considered on shipments from any mining property which has not been certified.

8. ORE SHIPMENTS DELIVERED TO AND PAID FOR BY [illegible] (Mill or Station)

LOCATED AT Marbleville, Utah

DATES OF SETTLEMENT	(Fill in either) LIQUIDATION NO.	CHECK NO.	DRY TONS ORE	GRADE U_3O_8	POUNDS U_3O_8	BONUS PAYMENT PER POUND U_3O_8	AMOUNT OF BONUS PAYMENT
1/20/54	[illegible]		[illegible]	[illegible]	[illegible]	2.30	[illegible]

(If more space is needed, use a sheet of paper the same size as this page)

TOTAL, $ [illegible] 65

Millhill Mining Company

1/22/54 Secretary

FOR USE BY ATOMIC ENERGY COMMISSION ONLY

	ACCOUNTING CLASSIFICATION	AMOUNT
Received 3/3/54 $2388.65		

16—67727-1 GPO

[illegible]

[illegible]

For use following [illegible] March 1, 1954, in connection
with AEC [illegible] Bonus Program Circular 6

1. NAME OF APPLICANT

[illegible]

2. MAILING ADDRESS

[illegible]

NAME OF MINING PROPERTY

[illegible]

4. MINING DISTRICT

[illegible]

5. DATE

[illegible]

6. AEC LICENSE NO.

[illegible]

7. MINING PROPERTY CERTIFICATION NO.

[illegible]

No application for bonus payment will be considered on shipments from any mining property which has not been certified.

8. CONCENTRATE DELIVERED TO AND PAID FOR BY [illegible]

LOCATED AT [illegible]

DATES OF SETTLEMENT	(Fill in either) LIQUIDATION NO.	CHECK NO.	DRY TONS, ORE	GRADE U_3O_8	POUNDS U_3O_8	BONUS PAYMENT PER POUND U_3O_8	AMOUNT OF BONUS PAYMENT	
2/17/54	4063		207.2868	.23228	960.1254	3.10	2312	98

(If more space is needed, use a sheet of paper the same size as this page)

TOTAL, $ 2312 98

[illegible] Mining Company

2/20/54 Secretary

FOR USE BY ATOMIC ENERGY COMMISSION ONLY

ACCOUNTING CLASSIFICATION	AMOUNT	

Received 3/16/54
$2341.60

10—07737-1 GPO

[illegible]

For ore delivered [illegible]
with AEC Domestic Uranium Program Grade 6

1. NAME OF APPLICANT

[illegible]

2. MAILING ADDRESS

[illegible]

3. NAME OF MINING PROPERTY

[illegible]

4. MINING DISTRICT

[illegible]

5. DATE

[illegible]

6. AEC LICENSE NO.

[illegible]

7. MINING PROPERTY CERTIFICATION NO.

[illegible]

No application for bonus payment will be considered on shipments from any mining property which has not been certified.

8. ORE SHIPMENTS DELIVERED TO AND PAID FOR BY [illegible]

LOCATED AT [illegible]

DATES OF SETTLEMENT	(Fill in either) LIQUIDATION NO.	CHECK NO.	DRY TONS ORE	GRADE U_3O_8	POUNDS U_3O_8	BONUS PAYMENT PER POUND U_3O_8	AMOUNT OF BONUS PAYMENT
2/12/54	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(If more space is needed, use a sheet of paper the same size as this page)

TOTAL $ 1770.25

Tellhill Mining Company

3/22/54 President

FOR USE BY ATOMIC ENERGY COMMISSION ONLY

ACCOUNTING CLASSIFICATION	AMOUNT

Received 4/12/54 #18.[illegible]

Form AEC-300 A
(6-51)

Form approved.
Budget Bureau No. 38-R043.

U. S. ATOMIC ENERGY COMMISSION

APPLICATION FOR BONUS PAYMENT

For ore delivered on or after March 1, 1951, in accordance with AEC Domestic Uranium Program Circular 6

1. NAME OF APPLICANT: Ellihill Mining Company
2. MAILING ADDRESS: White Canyon, Utah
3. NAME OF MINING PROPERTY: Jomac No. 1
4. MINING DISTRICT: White Canyon
5. DATE: April 26, 1954
6. AEC LICENSE NO.: P-1002
7. MINING PROPERTY CERTIFICATION NO: D.U.P. C 6-C-80

No application for bonus payment will be considered on shipments from any mining property which has not been certified.

8. ORE SHIPMENTS DELIVERED TO AND PAID FOR BY Colorado Plateau Uranium Ore Project (Mill or station)

LOCATED AT Monticello, Utah

DATES OF SETTLEMENT	(Fill in either) LIQUIDATION NO.	CHECK NO.	DRY TONS, ORE	GRADE U_3O_8	POUNDS U_3O_8	BONUS PAYMENT PER POUND U_3O_8	AMOUNT OF BONUS PAYMENT	
4/19/54	5251		170.0395	.13000	1612.3882	3.10	1898	31
4/19/54	5252		257.5535	.17118	8875.6819	3.90	2540	48

(If more space is needed, use a sheet of paper the same size as this page)

TOTAL, $ 4438 79

Ellihill Mining Company

4/26/54 President

FOR USE BY ATOMIC ENERGY COMMISSION ONLY

ACCOUNTING CLASSIFICATION	AMOUNT

Received 5/12/54 $4455.41

Pillihill Mining Company December 23, 1953

White Canyon, Utah D-1317

Tonic 1 to 3, Incl. D.M.M. 2 6-3-53

White Canyon

Colorado Plateau Uranium Ore Project

Monticello, Utah

12/13/1953 6718 134.1080.130688 350.43 2.11316 [illegible] 51

Pillihill Mining Company
12/23/53 President

J. B. Plosser

725.90

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

224 New Customhouse
Denver 2, Colorado

May 12, 1954

Memorandum

To: T. R. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Docket No. 2135, Contract No. E381, Sunnyside Uranium Co., Utah; Docket No. 1957, Contract No. E397, Ellihill Mining Co., Utah; Docket No. 2515, Contract No. E440, Moreno Uranium Corp., Utah; Docket No. 2838, Contract No. E595, Fred Schwartzwalder, Colo.; Docket No. 3093, Contract No. E641, Red Canyon Mines, Utah.

Enclosed are the following settlement sheets covering ore shipped by the above-mentioned Operators to Colorado Plateau Uranium Ore Project:

Liquidation No. 5200, 5251, 5252, 5182, 5201, 5338, 5259.

Also enclosed is check in the amount of $694.03 in payment of royalty on these shipments as follows:

Liq. No. 5200-Sunnyside Uranium Company	-	$257.53
5251-Ellihill Mining Company	-	94.92
5252-Ellihill Mining Company	-	114.45
5182-Moreno Cripple Creek (Moreno Uranium Corp.)	-	40.32
5201-Fred Schwartzwalder	-	123.09
5338-Fred Schwartzwalder	-	203.80
5259-Red Canyon Mines	-	56.13
Total		$691.33

John F. Shaw
John F. Shaw
For L. H. King

Enclosures

es

cc: Royalty Files, E381, E397, E440, E595, E641
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Traver w/enc. settlement sheet
Wilson w/enc. settlement sheets
Chron.

11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station: Monticello, Utah — Grand Junction, Colorado: April 19, 1954

Liquidation No.: 5283 — Lot No.: 10620 & 10716 — Shippers Lot No.:

Bought of: Kilkill Mining Company — A.E.C. License No.: F-1005

Address: White Canyon, Utah

Type of Ore: Copper-Uranium — Contract No.: 177-C — Date Received: March Delivories

Mining Claim: Jesse # 1 — Mining District: White Canyon — Pile No.: 35

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$
					CaCO3	CU		CaCO3	CU
10620	199360	3.18	193015	.18	5.5	.19	347.43	10615.83	366.73
10716	154010	4.43	147184	.18	5.7	.09	264.93	8389.49	132.47
	353370	3.73	340199	.18000%	5.6	.15	612.36	19005.32	499.20

U3O8	Per lb.	Per Ton	Short Tons	Total Value
.18000% = 3.60000# at	$3.08112	$11.16813	170.0885	$1,898.33
Development allowance 3.00000# at	.50	1.00000	"	306.18
TOTAL U3O8 PAYMENT		$12.06814	170.0885	$2,204.51
Haulage allowance 100 miles @ 6¢ per wet ton mile			176.6850	1,060.11
TOTAL				$3,264.62
CU - No Pay - Less Than 1%				- - -
TOTAL GROSS PRICE				$3,264.62
Deductions:				
Cash Advance			$2,500.00	
Royalties: DMEA Lease No. 397 - 5% of (1898.33) =			94.92	
				-2,594.92
NET PROCEEDS				$ 669.70

Correct WEC — Paid April 19, 1954
Checked LRJ — Vo. No. 4/11
Approved HCJ — Check No. 11607

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Kilkill Mining Company
By _____ Seller or Agent.
Title

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

6. 4 11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station: Monticello, Utah — Grand Junction, Colorado: April 19, 1954

Liquidation No.: 5232 — Lot No.: Var. 10761 — Shippers Lot No.:

Bought of: Kilihill Mining Company — A.E.C. License No.: F-3068

Address: White Canyon, Utah

Type of Ore: Copper-Uranium — Contract No.: 177-C — Date Received: March Deliveries

Mining Claim: Jesse # 1 — Mining District: White Canyon — Pile No.: 35

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	P_2O_5 CaCO3	V_2O_3 CU	CONTENTS POUNDS U_3O_8	P_2O_5 CaCO3	V_2O_3 CU
10577	192190	2.86	186693	.19	6.7	0.14	354.72	12508.43	261.37
10707	207670	3.60	200299	.18	6.3	0.09	360.36	12612.54	180.18
10761	132539	3.26	128315	.13	6.1	.21	166.68	7831.12	269.35
	532399	3.25	515307	.171180	6.40	0.14	881.76	32952.09	720.80

Item	Per Lb.	Per Ton	Short Tons	Total Value
.171180% = 3.42360# at	$2.92360	$30.00084	257.5535	$2,577.91
Development allowance 3.42360# at	.50	1.71180	"	440.88
TOTAL U3O8 PAYMENT		$31.72304	257.5535	$3,018.79
Haulage allowance 100 miles @ 6¢ per wet ton mile			266.1850	1,597.17
TOTAL				$4,615.96
CU - No Pay Less Than 1%				- - -
TOTAL				$4,615.96
Less CaCO3 Penalty				
CaCO3 in excess of 6.%				
(6.40% - 6%) = .40%				
.40% @ .30 per unit + $1.00 base =		1.12	257.5535	- 288.46
TOTAL GROSS PRICE				$4,327.50
Deductions:				
Cash Advance as per detail			$2,800.00	
Royalties: DMEA Loan # 307 - 5% of (2289.45) =			114.47	
				-2,914.47
NET PROCEEDS				$1,413.03

Correct WEC — Paid April 19, 1954
Checked LRJ — Vo. No. 4/131
Approved HCJ — Check No. 11807

mit

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Kilihill Mining Company
By ----------
Title
Seller or Agent.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

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

224 New Customhouse
Denver 2, Colorado

April 9, 1954

Memorandum

To: W. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Climax Uranium Co. (Excalibur Uranium Corp.), Docket No. 1631X, Contract No. E236, Utah; Ellihill Mining Co., Docket No. 1957, Contract No. E397, Utah; Sunnyside Uranium Company, Docket No. 2135, Contract No. E381, Utah.

Enclosed are the following settlement sheets covering ore shipped by the above-mentioned companies to the Colorado Plateau Uranium Ore Project:

Liquidation No. 5076-Climax Uranium Company (Excalibur Uranium Corp)----------	$ 16.87
Liquidation No. 5090-Ellihill Mining Company----------	94.52
Liquidation No. 5106-Sunnyside Uranium Company--------	464.55
	$575.94

Also enclosed is check from the Colorado Plateau Uranium Ore Project in the amount of $575.94 in payment of royalty on the above shipments.

W. H. King

Enclosures

es

cc: Royalty File E236
Royalty File E 397
Royalty File E381
Sec. to the Oper. Comm. (2) w/enc. settlement sheets
Wilson w/enc. settlement sheets
Chron.

Form No. 4 11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station: Huntsville, Utah — Grand Junction, Colorado: March 17, 1954

Liquidation No.: [illegible] — Lot No.: Var. 10436 — Shippers Lot No.: [illegible]

Bought of: Millhill Mining Company — A.E.C. License No.: [illegible]

Address: White Canyon, Utah

Type of Ore: Copper-Uranium — Contract No.: 177-C — Date Received: February Deliveries

Mining Claim: Jenna # 1 — Mining District: White Canyon — Pile No.: 26

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5 $CaCO_3$	Cu	CONTENTS POUNDS U_3O_8	V_2O_5 $CaCO_3$	Cu
10334	118380	3.94	113874	.15	5.9	.08	170.81	6718.57	91.10
10383	152240	3.05	147680	.19	5.8	.16	280.44	8560.80	236.16
10425	70068	4.11	67948	.15	5.7	.19	101.92	3873.04	129.10
10436	31520	3.28	30472	.25	7.4	.20	77.18	2254.53	61.74
	373870	3.55	360894	.174954	5.9	.14	630.35	21436.94	518.10

U3O8	Per Lb.	Per Ton	Short Tons	Total Value
.174954% = 3.49908# at	$2.99908	$10.49402	180.1470	$1,889.47
Development allowance 3.49908# at	.50	1.74954	"	315.17
TOTAL U3O8 PAYMENT		$12.24356	180.1470	$2,205.64
Haulage allowance 100 miles at 6¢ per wet ton mile			186.7850	1,120.71
TOTAL				$3,326.35
CU				
.14 - No Pay Less Than 1.00%				- - -
TOTAL GROSS PRICE				$3,326.35
Deductions: Cash Advance as per detail attached			$2,625.00	
Royalties: RMRA Loan No. 397 5% of (1889.47) =			94.52	
				-2,719.52
NET PROCEEDS				$ 606.83

Correct WEC — Paid March 17, 1954
Checked LRJ — Vo. No. 3/135
Approved HCJ — Check No. 11530

mlt

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Millhill Mining Company
By: _____ Seller or Agent.
Title

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

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

224 New Customhouse
Denver 2, Colorado

March 24, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-Ellihill Mining Col, Docket No. 1957, Contract No. E397, Utah;
Royalty-Sunnyside Uranium Co., Docket No. 2135, Contract No. E381, Utah.

Enclosed is settlement sheet covering ore shipped under Liquidation No. 4971 by Sunnywide Uranium Company to Colorado Plateau Uranium Ore Project.

Also enclosed is settlement sheet covering ore shipped under Liquidation No. 4963 by Ellihill Mining Company to Colorado Plateau Uranium Ore Project.

The attached check in the amount of $318.27 is in payment of the above two shipments as follows:

E397-Ellihill Mining Company	$118.70
E381-Sunnyside Uranium Company	199.57
	$318.27

/s/ John F. Shaw

John F. Shaw
For W.H. King

es

Enclosures

Form No. 4 11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station Monticello, Utah — Grand Junction, Colorado February 17 1954

Liquidation No. 4963 — Lot No. Var. 10274 — Shippers Lot No.

Bought of Killihill Mining Company — A.E.C. License No. P-1002

Address White Canyon, Utah

Type of Ore Copper-Uranium — Contract No. 177-C — Date Received January Deliveries

Mining Claim Jornac #1 — Mining District White Canyon — Pile No. 26

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CU	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	CU
10111	64240	4.62	61272	.16		4.7	0.12	98.04		2879.78	73.53
10128	78440	2.77	76266	.13		5.1	0.11	99.15		3889.57	83.89
10184	101700	3.39	98252	.16		4.7	0.16	157.20		4617.84	157.20
10236	84200	5.12	79893	.18		5.4	0.09	143.81		4314.22	71.90
10274	103680	4.68	98630	.26		5.8	0.16	256.96		5732.14	158.13
	432260	4.11	414513	.182180		5.2	0.13	755.16		21433.55	544.65

U3O8	Per Lb.	Per Ton	Short Tons	Total Value
.182180% = 3.64360# at	$3.14360	$11.45402	207.2565	$2,373.92
Development allowance 3.64360# at	.50	1.82180	"	377.58
TOTAL U3O8 PAYMENT		$13.275 82	207.2565	$2,751.50
Haulage allowance 100 miles @ 6¢ per wet ton mile			216.1300	1,296.78
TOTAL				$4,048.28
CU - No Pay less than 1.0%				- - -
TOTAL GROSS PRICE				$4,048.28
Deductions:				
Cash Advance as per detail attached			2,000.00	
Royalties - DMEA #397 (2373.92), 5%			118.70	- 2,118.70
NET PROCEEDS				$1,929.58

Correct WKC — Paid February 17, 1954
Checked RJ — V.C. No. 2/133
APproved HCJ — Check No. 11256

Royalty on Development and Haulage allowance not included.

air

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Killihill Mining Company
By
Title
Seller or Agent.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

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

224 New Customhouse
Denver 2, Colorado

February 24, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - Ellihill Mining Company, Docket No. 1957, Contract No. E397, Utah.
Sunnyside Uranium Co., Docket No. 2135, Contract No. E381, Utah

Enclosed is copy of settlement sheet covering ore shipped under Liquidation No. 4033 by the Sunnyside Uranium Company, and a copy of settlement sheet covering ore shipped under Liquidation No. 4810 by Ellihill Mining Company.

Also enclosed is check in the amount of $337.77 from Colorado Plateau Uranium Ore Project in payment of royalty on these shipments.

The following is a breakdown of the above-mentioned check:

Ellihill Mining Co. Contract No. E397 -	$173.75
Sunnyside Uranium Co. Contract No.E381-	164.02
	$337.77

W. H. King

Enclosures

es

cc: Royalty File E381
Royalty File E397
Sec. to the Oper. Comm. w/enc. settlement sheets
Wilson w/enc. settlement sheets
Chron.

No. 4 11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station: Monticello, Utah — Grand Junction, Colorado: January 20, 1954

Liquidation No.: 4680 — Lot No.: Var. Lent Lot 10085 — Shippers Lot No.:

Bought of: Kilihill Mining Company — A.E.C. License No.: P-1002

Address: White Canyon, Utah

Type of Ore: Copper-Uranium — Contract No.: 163-C — Date Received: December Deliveries

Mining Claim: Jenny — Mining District: White Canyon — Pile No.: 26

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5 / $CaCO_3$	$CuCO_3$ / CU	CONTENTS POUNDS U_3O_8	V_2O_5 / $CaCO_3$	$CuCO_3$ / CU
9938	180520	3.88	181202	.16	5.3	0.08	289.92	9603.71	144.96
9983	157430	4.98	149684	.21	5.3	0.10	314.15	7928.46	149.98
9981	158780	3.83	149880	.11	5.9	0.11	164.79	8838.79	164.79
10042	217820	4.02	209085	.12	5.1	.07	250.81	10663.85	146.37
10060	142260	3.96	136630	.19	5.8	.10	259.60	7924.54	136.63
10085	61130	4.22	58538	.13	5.2	0.11	76.09	3043.66	64.39
	922520	4.12	884863	.15283	5.4	0.09	1385.46	48803.03	806.73

U_3O_8	Per Lb.	Per Ton	Short Tons	Total Value
.15283% = 3.06366# at	$2.56366	$7.85418	442.4315	$3,474.94
Development allowance 3.06366# at	.50	1.53183	"	677.73
TOTAL U3O8 PAYMENT		$9.38602	442.4315	$4,152.67
Haulage allowance 100 miles at 6¢ per wet ton mile			461.4550	2,766.73
TOTAL				$6,921.40
CU NO PAY Less Than 1%				- - -
TOTAL GROSS PRICE				$6,921.40
Deductions:				
Cash Advance			$4,050.00	
Royalties: DMEA Loan Docket No. 397 5% (3474.94)			173.75	
				-4,223.75
NET PROCEEDS				$2,697.65

Correct WKC — Paid January 20, 1954
Checked LRJ — Vo. No. 1/113
Approved HCJ — Check No. 10972

mit

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Kilihill Mining Company
By _____
Title _____ Seller or Agent.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

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

224 New Customhouse
Denver 2, Colorado

January 12, 1954

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty-E595, Docket No. 2888, Fred Schwartzwalder, Colorado; E-381, Docket No. 2135, Sunnyside Uranium Company, Utah; E-397, Docket No. 1957, Ellihill Mining Co., Utah

Enclosed are copies of settlement sheets covering Liquidation No. 4650 for ore shipped by Fred Schwartzwalder, Contract No. E-595, Docket No. 2888; Liquidation No. 4690 for ore shipped by Sunnyside Uranium Company, Contract No. E-381, Docket No. 2135; and Liquidation No. 4718 for ore shipped by Ellihill Mining Company, Contract No. E397, Docket No. 1957.

Also enclosed is check from Colorado Plateau Uranium Ore Project in the amount of $433.70 in payment of royalties on these shipments.

The following is the breakdown of the above check:

Fred Schwartzwalder	$290.57
Sunnyside Uranium Company	106.10
Ellihill Mining Company	37.03
	$433.70

/s/ W. H. King

W. H. King

Enclosures

es

cc: Sec. to the Oper. Comm. w/enc. settlement sheets
Traver w/enc. settlement sheet
Wilson w/enc. settlement sheets
Chron
Royalty File E-595 Royalty File E-381 Royalty File E-397

11-53-10M

COLORADO PLATEAU URANIUM ORE PROJECT

American Smelting and Refining Company, Ore Purchasing Agent For
United States Atomic Energy Commission

Receiving Station Monticello, Utah — Grand Junction, Colorado December 18 19 53

Liquidation No. 478 — Lot No. Var. Last Lot 9912 — Shippers Lot No.

Bought of Kilihill Mining Company, Inc. — A.E.C. License No. R-1002

Address White Canyon, Utah

Type of Ore Copper-Uranium — Contract No. — Date Received November Deliveries

Mining Claim Joe Mae 1,2,3, — Mining District White Canyon — Pile No. 26

Lot No.	Wet Weight Pounds	H_2O	Dry Weight Pounds	SETTLEMENT ASSAYS U_3O_8	V_2O_5	$CaCO_3$	CU	CONTENTS POUNDS U_3O_8	V_2O_5	$CaCO_3$	CU
9733	48360	3.04	46891	.15		5.6	0.10	70.34		2625.90	46.89
9808	63820	2.14	62454	.11		5.7	0.08	68.70		3559.88	49.96
9840	105670	4.23	101201	.15		5.6	0.07	151.80		5667.26	70.84
9839	44230	4.45	42262	.09		6.3	0.12	38.03		2662.44	50.71
9912	15890	3.40	15397	.14		5.2	0.06	21.56		800.64	9.24
	277970	3.51	268204	.130658		5.7	0.08	350.43		15316.12	227.64

U308	Per Lb.	Per Ton	Short Tons	Total Value
.130658% = 2.61316# at	$2.11316	$5.52203	134.1020	$740.52
Development allowance 2.61316# at	.50	1.3065	"	175.21
TOTAL U308 PAYMENT		$6.82861	134.1020	$915.73
Haulage allowance 100 miles @ 6¢ per wet ton mile			138.9850	833.91
TOTAL			#1,749.64	$1,749.64
			1.40 *	
CU - No Pay less than 1.5			#1,748.24	---
			3.00 **	
TOTAL GROSS PRICE			#1,745.24	$1,749.64

Deductions:

Cash Advance as per detail attached	1150.00	
Telegram Charge as per detail attached	1.40 *	
Royalty - DMEA Loan Docket #397, 5% of (740.52)	37.03	
Sampling Charge a/c Lot 9912 under 10 tons	3.00 **	
	1191.43	-1,191.43

NET PROCEEDS $ 558.21

Correct WEC — Paid December 18, 1953 — #1,745.24 / 134.102 = #13.01

Checked LRJ — Vo. No. 12/107

Approved HCJ — Check No. 10719

50% of #1,745.24 = #87.26

I certify that I am the lawful owner or authorized Representative of the Lawful Owner, of the Ore described in this Settlement Sheet and have legal right to deliver the same to the Commission.

I certify that I hold the A. E. C. Source Material License numbered above.

I hereby transfer to the Commission, effective as of the date of delivery of the ore, all my right, title and interest in and to said ore.

I will accept the amount as shown above as "Total Gross Price" in full settlement, except for final quarterly adjustment for average V_2O_5—U_3O_8 ratio, for sums due to me on account of the ore deliveries described herein.

Kilihill Mining Company
By
Title
Seller or Agent.

Buyers assays govern if Seller fails to submit his assays prior to acceptance of payment.
All rates paid are based on U. S. Atomic Energy Commission Published Schedules.

3/30/54 gla

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

224 New Customhouse
Denver 2, Colorado

March 25, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 1957X (Uranium), Contract No. Idm-E397, Ellihill Mining Company, San Juan County, Utah.

Enclosed are two copies of a memorandum to Mr. T. A. Christensen dated March 18, 1954, relative to final payment under the terms of the subject contract.

Final payment to the Operator in the amount of $249.98 has now been made in conformance with the Report of Review by the Contract Administration and Audit Division dated February 19, 1954.

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

Enclosures

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

224 New Customhouse
Denver 2, Colorado

March 18, 1954.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 1957X (Uranium), Contract No. Idm-E397, Ellihill Mining Company, San Juan County, Utah. Operator's Monthly Progress Report for the month of October 1953 - **FINAL PAYMENT**

Reference is made to our memorandum of December 15, 1953 whereby we transmitted the final Form MF-104 and MF-104A, Narrative Report, and Engineer's Report for the month of October 1953 and instructed you to withhold the amount of $250.00 from reimbursement to the Operator pending receipt of the Operator's final report and release of a Report of Review of contract expenditures by the Contract Administration and Audit Division.

We now recommend that final payment to the Operator be made in conformance with the Report of Review by the Contract Administration and Audit Division dated February 19, 1954, which was released to this office March 16, 1954, on the following basis:

Basis for final payment

Total accepted cost	$18,973.11
Government participation at 90%	17,075.80
Total prior payments	16,825.82
Balance due Operator	$249.98

W. H. King

W. H. King

JWT:cwm

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

249.98
3/24/54 DMA 54-93

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

224 New Customhouse
Denver 2, Colorado

January 4, 1954.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No, 1957 (Uranium), Contract Idm-E397, Ellihill Mining Company, San Juan County, Utah.

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

W. H. King

Enclosures

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN - 7 1954

Administrative Audit Difference Statement

Date: Dec. 15, 1953
Payee's Reference: Progress Report

October, 1953

Dillhill Mining Company
White Canyon, Utah
I-DMA-B397, October, 1953

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

90% Amount Claimed $ 1505.79

Difference $ 250.00

Amount Approved $ 1255.79

The reason for the difference was due to:

$250.00 is withheld pending receipt of the Operator's Final Report and release of final Audit Report by the Contract Administration & Audit Division.

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

Very sincerely yours,

for RRC
N. E. Stokes
Audit Section

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

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

224 New Customhouse
Denver 2, Colorado

December 15, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 1957 (Uranium), Contract Idm-E397, Ellihill Mining Company, San Juan County, Utah. Operator's Monthly Progress Report for the period October 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

An amount of $250.00 is to be withheld from the total amount due the Operator pending receipt of the Operator's final report and release of the final Audit Report by the Contract Administration and Audit Division.

It is requested that a statement as to the reason why the above amount was withheld be included on the Administrative Audit Difference Statement Sheet.

A telegram has been received from J. B. Plosser, President of Ellihill Mining Company, relative to the fact that smelters have been advised to deduct royalty due the Government from payments due on all ore shipped from the Jomac mine in White Canyon, San Juan County, Utah until Ellihill Mining Company's obligation to the Government has been satisfied.

Remarks:

Date of Report	November 10, 1953.
Date Received in Field Office	November 12, 1953.
Date Received in Region Office	November 20, 1953.

W H King

W. H. King

Enclosures

RDB:cwm

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

November 18, 1953

Memorandum

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

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

Subject: Docket DMEA 1957 (Uranium), Contract 14m-R397, Kilihill Mining Co., San Juan County, Utah. MF-104 forms for October 1953.

Transmitted herewith are MF-104 forms covering work under the subject contract during October 1953. H. K. Thurber, Jr., inspected the project November 6, 1953, and verified the reported advance by measurement.

A total of 66 feet of drifting was completed under the contract during the reporting period. This advance completes the 200 feet of drifting allowed under the contract and the attached MF-104 forms are the last set to be presented on the project.

At the end of the reporting period, $76.89 remained unexpended out of the total funds allotted for the project. This arises from the fact that 16.5 feet of diamond drill footage remained to be drilled when this phase was completed. The inspecting engineer's memorandum tabulates the expenditures under the contract.

The work reported was in conformance with the contract and it is recommended that the operator be reimbursed for 90 percent of the listed expenditures subject to the usual amount withheld pending the receipt of the operator's final report.

The MF-104 forms were received in this office November 12, 1953.

F. L. Widemann
F. L. Widemann for
S. R. Wilson

Encl.

Nov. 17, 1953

S. R. Wilson

E. I. Thurber, Jr.

Docket No. DMA 1957 (Uranium), Contract Idm-8397, Hillhill Mining Co., San Juan County, Utah. Monthly progress report and MF-104 forms for September 1953

The subject property was inspected November 6, 1953, in company with Tex Cross, mining contractor. The advance was measured and samples of the drift driven recently under the contract were taken. One sample was taken in the face of the crosscut driven by the company. The assay results of the samples are not as yet reported.

The 66-foot advance during the month completes the 200 feet of drifting allowed under the contract, and thus the subject MF-104 forms are the last to be presented. The total of costs to date represents the total expenditures under the contract. The difference between this figure ($18,973.11), and the total costs authorized by the contract ($19,050.00), arises from the fact that 16.5 feet of diamond drill footage remained to be drilled. A summary of the contract expenditures follows:

Item	Authorized by Contract Units	Authorized by Contract Total Exp.	Units Completed	Expenditures	Money Remaining
Diamond core drilling	3,000 ft.	$13,980.00	2983.5	$13,903.11	$76.89
Drifting	200 ft.	$ 5,070.00	200	$ 5,070.00	0.00
		$19,050.00		$18,973.11	$76.89.

The advance during the month was made mainly through the siltstone encountered during the previous month's work. Observation of the walls of the drift shows that the siltstone thickened as the drift advanced until it occupied nearly the full drift face. At the end of the contract work, the lens had thinned, averaging about 2.5' of coarse, iron-stained sandstone, with scattered carbonaceous material, some pieces of which were 1 foot long and 1 inch thick. The pieces exhibited some radioactivity. Sufficient thickness existed to warrant sampling, and a 1.4-foot cut sample was taken. The assay results are not as yet available.

The narrative report and map are sufficient in reporting the work under the contract for the reporting period and the MF-104 forms correctly reflect the allowable expenditures. The letter of transmittal indicates that the reports are for September, but the remainder of the material shows the proper October period.

The work was in conformance with the contract and amendments thereto. Therefore, it is recommended that the operator be reimbursed for that part of 90 percent of $1,673.10, the total expenditures under the contract, which can be paid pending the receipt of the operator's final report.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

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

U. S. Bureau of Mines
RECEIVED
NOV 12 1953
Salt Lake City, Utah

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

Month of October, 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $ 19,050.00 Government Participation: 90% Amount, $ 17,145.00

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	None	13,903.11	13,903.11			
Bulldozing						
Crosscutting						
Drifting	1673.10	3,396.90	5,070.00			
(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	1673.10	17,300.01	18,973.11	1673.10	17,300.01	18,973.11

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

Date 11/10/53 *Payee Ellihill Mining Company

Per J. B. Glosser Title President

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

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

(Instructions on reverse)

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

$ 1255.~~78~~ 79

Signature RRA
(Authorized Certifying Officer)

Date 12-15-53 Vou. No. DMA-54-58

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E-397 in accordance with the terms of the contract.

Signature H. K. Thurber Jr. SRW Title Mining Eng Date Nov. 13, 1953

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: LAB.

Signature W. H. King Title Executive Officer Date DEC 15 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV - 9 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, 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	1673.10	66	5,070.00	200	25.35	200	25.35
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	None	None	13,903.11	2983.5	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1673.10		18,973.11				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1673.10		18,973.11				19,050.00

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 11/10/53 Operator Ellihill Mining Company

Per J. B. Plosser Title President

J. B. Plosser

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

[illegible]

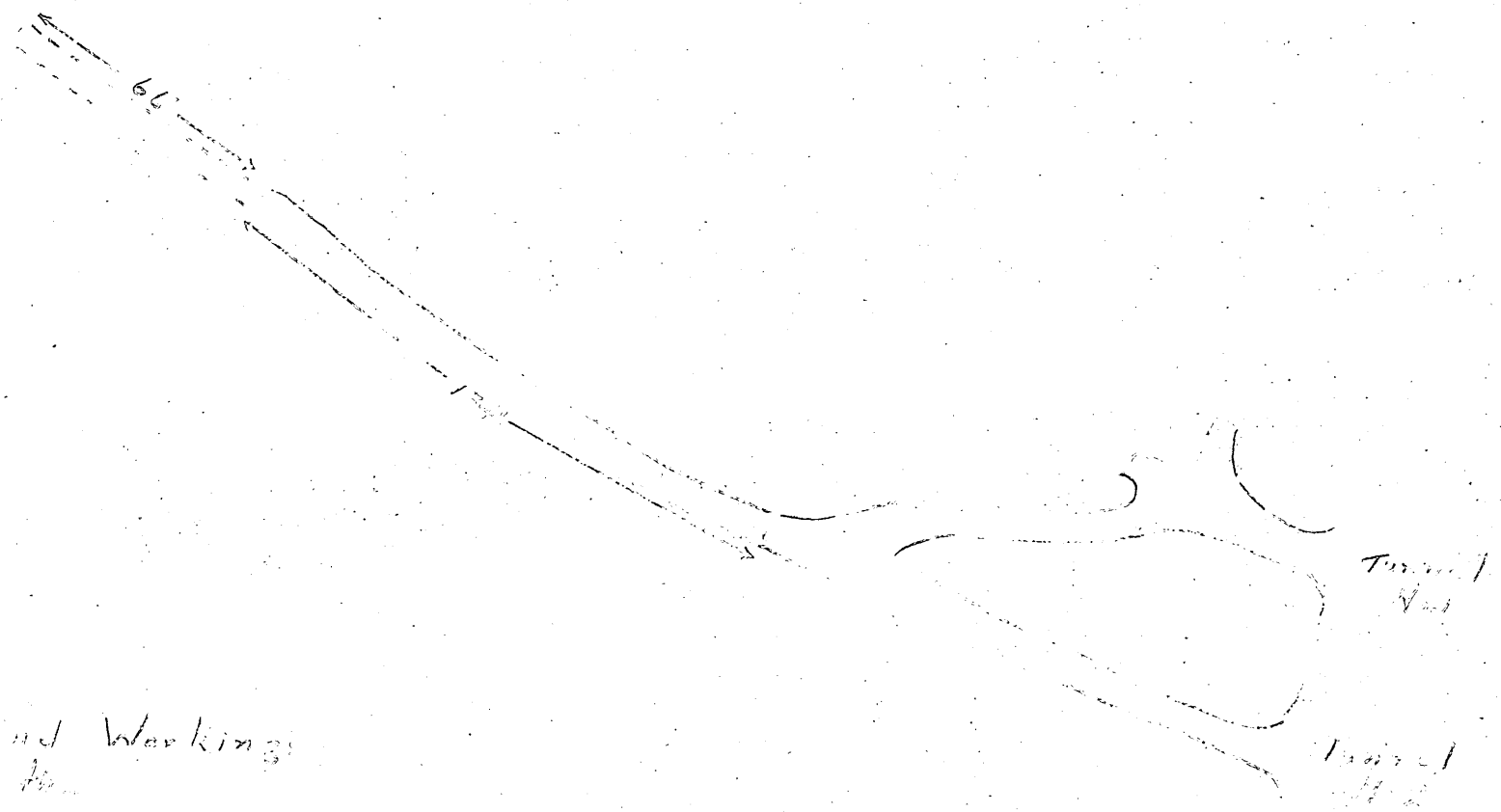
Of work accomplished on the Jomac Mining Claims under Contract No. Idm-397 during the month of October, 1953.

Drifting in the No. 2 Tunnel of the Jomac Mine proceeded a distance of 66 feet during the month.

The siltstone bed encountered in the previous month's drifting, as related in the Narrative Report for the month of September, continued rising until it occupied the full face of the tunnel, then began gradually to recede. At the end of the period it was approximately five feet from the floor.

Very little radioactivity registered on the Geiger Counter in this siltstone.

Assays of samples taken accompany this report.



Underground Workings
of the
Jason Mine, San Juan County, Utah.

Original workings and included in report
Other work under Contract
Scale: 1 in = 40 ft.

U3O8 ASSAY REPORT

No. 1	0.34 %	58" to floor, 31' from starting point of contract
No. 2	0.40 %	58" to floor, 44' from starting point of contract
No. 3	0.021%	58" to floor, 53½' from starting point of contract
No. 4	0.024%	53" to floor, 64½' from starting point of contract
No. 5	0.070%	43" to floor, 73' from starting point of contract

The above chemical assays were made in the laboratory of the Vanadium Corporation of America's mill at White Canyon, Utah.

Leroy Parker

Leroy Parker, Superintendent

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

224 New Customhouse
Denver 2, Colorado

October 28, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of September 1953, pertaining to DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

October 22, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah. Operator's Monthly Progress Report for the period September 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	October 7, 1953.
Date Received in Field Office	October 13, 1953.
Date Received in Region Office	October 22, 1953.

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

Enclosures

RDB:cwm

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

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

October 20, 1953

Memorandum

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

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

Subject: Docket No. DMEA 1957 (Uranium), Contract Idm-E397, Killihill Mining Co., San Juan County, Utah. MF-104 forms for September 1953

Transmitted herewith are MF-104 forms covering work under the subject contract during September 1953. H. K. Thurber inspected the project October 10, 1953, and verified the reported lateral advance by measurement.

A total of 72 feet of drifting was completed under the contract during the reporting period. Little uranium mineralization was exposed by the drifting. Difficult driving conditions were encountered during the latter part of the period as a result of the thickening of a bed of siltstone in the drift.

Work reported is in conformance with the contract, and it is recommended that the operator be reimbursed by 90 percent of the listed expenditures.

The MF-104 forms were received in this office October 13, 1953. The total delay in transmitting the forms to Denver resulted from the heavy work load of the inspecting engineer.

Stephen R. Wilson

Stephen R. Wilson

Enclosure

S. R. Wilson

October 19, 1953

H. K. Thurber, Jr.

Docket No. DMA 1957 (Uranium), Contract Idm-2397, Ellihill Mining Co., San Juan County, Utah. Monthly progress report for September, 1953

The subject property was inspected on October 10, 1953, in company with Tex Cross, the mining contractor. The advance was measured and one sample was taken in a newly begun crosscut. The assay results of this sample are not as yet available.

The advance during the reporting period was made in ground showing little uranium mineralization. Some carbonaceous material was encountered in the coarse, iron-stained sandstone, and a 0.3-to 0.5-foot bed of fossil tree material, believed to be above 0.30 percent U_3O_8, was observed at the back of the drift at the face.

The advance was slowed by the thickening of the gray-green siltstone usually carried as the bottom of the drift. At the time of the inspection, the clay represented over 3 feet of the drift face. The material was difficult to drill and broke very erratically.

The advance during the reporting period was found by measurement to be 72 feet, making a total of 134 feet driven since the start of underground work. Sixty-six feet remains to be driven under terms of the contract.

The work during the reporting period was done in a workmanlike manner and was in conformance with the contract. The MF-104 forms correctly reflect the charges allowable under the contract, and the narrative report sufficiently describes the results of the work. It is therefore recommended that the operator be reimbursed in the amount of $1,642.68, which is 90 percent of $1,825.20, the expenditures under the contract for the reporting period.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

F-104 (Rev.)
ril 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. Bureau of Mines
Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.
RECEIVED
OCT 13 1953
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September, 1953 Docket No. DMEA 1957 Contract No. Lam-1997
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $19,050.00 Government Participation: 90% Amount, $17,145.00

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	None	13,903.11	13,903.11			
Bulldozing						
Crosscutting						
Drifting	1825.20	1,571.70	3,396.90			
(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	1825.20	15,474.81	17,300.01	1825.20	15,474.81	17,300.01

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 10/7/53 *Payee Ellihill Mining Company
Per [signature] Title President

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

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

(Instructions on reverse)

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

$1642.68

Signature [signature]
(Authorized Certifying Officer)
Date 10/26/53 Vou. No. DMA 54-42
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E 397 in accordance with the terms of the contract.

Signature H. K. Thurber, Jr. Title Mining Eng. Date Oct. 15, 1953

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

Signature John F. Shaw for W. H. King Title Executive Officer Date OCT 22 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

[redacted]04A
[redacted]52)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot	1825.20	72	3,396.90	134	25.35	200	25.35
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	None	None	13,903.11	2983.5	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1825.20		17,300.01				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1825.20		17,300.01				19,050.00

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 10/7/53 Operator Ellihill Mining Company

Per J. B. Plosser Title President

J. B. Plosser

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

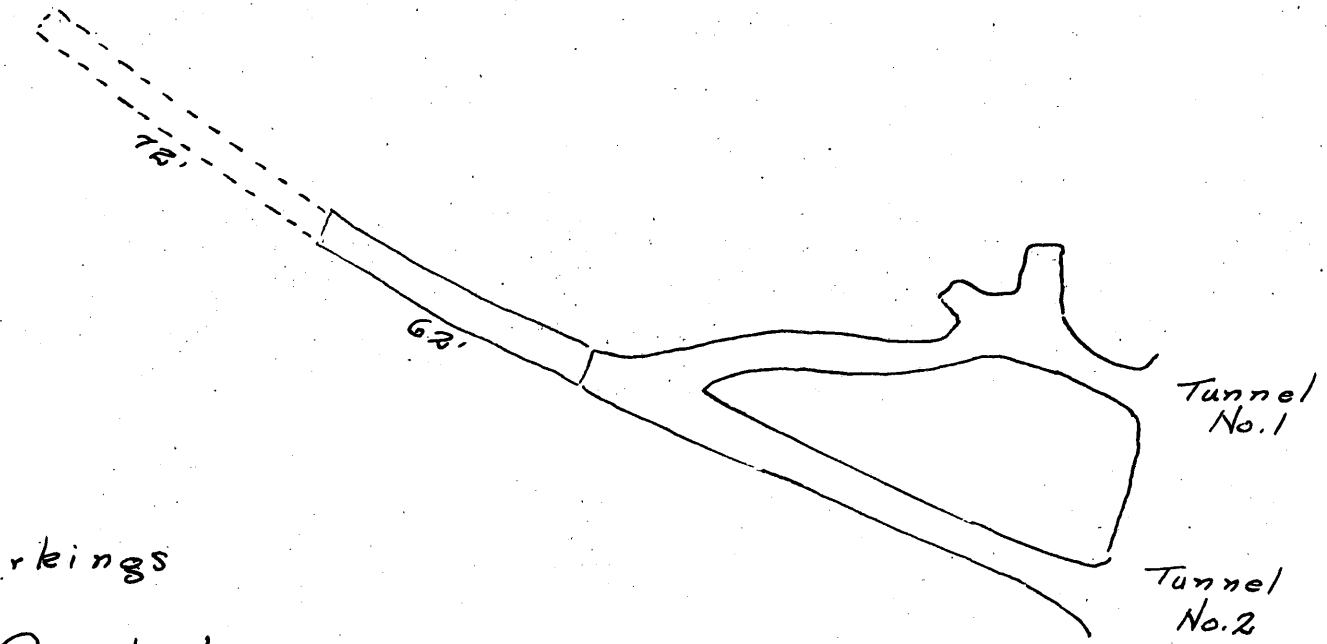
NARRATIVE REPORT

Of work accomplished on the Jomac Mining Claims under Contract No. Idm-E397 during the month of September, 1953.

Exploration in the No. 2 drift during the month of September proceeded a distance of seventy-two feet in the same general direction as followed previously.

In this distance no ore body of any size was encountered; however, scattered, small concentrations of carbonaceous material with a high degree of radioactivity began to appear along the walls of the drift.

At approximately sixty-two feet a layer of siltstone and sandy siltstone began rising from the floor. On the face at seventy-two feet it had reached a height of thirty-nine inches and appeared to be still rising.



Underground Workings
of the
Jomac Mine, San Juan County, Utah

—— Original Workings and included in former Reports
- - - September work under Contract

Scale: 1 in. = 40 ft.

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

RECEIVED

224 New Customhouse
Denver 2, Colorado

October 5, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104 - DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of August 1953, pertaining to DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

September 30, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah. Operator's Monthly Progress Report for the period August 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	September 15, 1953.
Date Received in Field Office	September 15, 1953.
Date Received in Region Office	September 30, 1953.

Delay in Field Office (8 days) due to work load of inspecting engineer.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

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

September 28, 1953

Memorandum

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

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

Subject: Docket No. DMEA 1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah. MF-104 forms for August 1953

Transmitted herewith are the required accounting forms pertaining to expenditures under the subject contract during August 1953. The work was inspected by M. K. Thurber September 12, 1953.

The operator reports an advance of 21 feet of drifting during the reporting period. The inspecting engineer verified the advance by measurement. The work is in conformance with the contract.

Ore is being mined as the drift is completed. The ores are stockpiled on the surface, but to date none has been shipped to processing mills. The operator indicates that he will soon begin shipments to the mill at Monticello, Utah.

It is recommended that the contractor be reimbursed by 90 percent of the expenditures listed in the MF-104 forms. The operator's report was received in this office September 15, 1953. The total delay of 8 days in transmitting the forms to Denver resulted from the work load of the inspecting engineer.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

S. R. Wilson Sept. 28, 1953

N. K. Thurber, Jr.

Docket No. DMEA 1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah. Monthly progress report for August 1953.

The subject property was inspected on September 12, 1953, and the operator was contacted the same day at White Canyon, Utah, to discuss the progress of the contract work at the Jomac mine. The advance claimed by the operator during the reporting period was measured and found to be correct. Two samples were taken, as indicated on the attached sketch map.

Drift No. 2 penetrated the mineralized area through which it has been driven since the start of underground work under the contract. The coarse sandstone persists, but the carbonaceous material is gone in the face and the Geiger counter shows very little mineralization in any area of the face. It is believed, however, that more mineralization will be encountered as the drift is advanced into the area of the diamond drill holes.

Check samples have been taken, and the results are tabulated below:

Date 1953	Sample No. Old	Sample No. New	Percent U_3O_8	Percent $CaCO_3$	Location
July 7	1	1	0.27	2.5	1.2' cut, Adit No. 2
July 7	2	2	0.04	5.0	2.1' cut of l.h. off face, Adit No. 2
Aug. 20	1	3	0.08	4.1	R.h. wall off No. 2, 2.0' cut, above
Aug. 20	2	4	0.03	3.9	3.0' cut of face off No. 2
Sept. 13	3	5	0.47	5.4	3.2' cut in face off No. 1
Sept. 13	4	6	0.58	5.0	1.5' cut in face, Crosscut off No. 2

The varying values of the above-tabulated samples indicate the sporadic nature of the ore exposed in the workings. In spite of this, it is believed that commercial production can be achieved from this area by careful mining.

Lease Records
RECEIVED

The relatively small advance recorded for the month is attributable to mechanical difficulties and sickness of the crew. New equipment has been purchased and the remainder of the contract work will, it is hoped, proceed without a break.

Ore has been mined during the exploratory work, but none has been shipped. The ore is stockpiled on the surface in an area easily accessible to trucks, and the operator indicated that he would shortly begin shipping to the mill at Monticello, Utah. He has been informed of the royalty repayment procedure.

The operator's progress report and map are sufficient in reporting the advance and conditions encountered during the reporting period. The MF-104 forms correctly reflect the expenditures reimbursable under the contract. It is recommended that the operator be reimbursed in the amount of $479.12, which is 90 percent of $532.35, the total expenditures under the contract.

H. K. Thurber Jr.
H. K. Thurber, Jr.
SPW.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of August, 1953 Docket No. DMEA 1957 Contract No. DMEA 1957
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $19,050.00 Government Participation: 90% Amount, $17,145.00

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		13,903.11	13,903.11			
Bulldozing						
Crosscutting						
Drifting	532.35	1,039.35	1,571.70			
(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	532.35	14,942.46	15,474.81	532.35	14,942.46	15,474.81

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

Date 9/12/53 *Payee Ellihill Mining Company

Per J. B. Glosser Title President

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

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

(Instructions on reverse)

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

$479.12

Signature
(Authorized Certifying Officer)

Date 10/5/53 Vou. No. DMA 54-35

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E397 in accordance with the terms of the contract.

Signature W. H. Thurber, Jr. Title Mining Eng. Date Sept. 24, 1953

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

Signature W. H. King Title Executive Officer Date SEP 30 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot	532.35	21	1,571.70	62	25.35	200	25.35
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	None	None	13,903.11	2983.5	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		532.35		15,474.81				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		532.35		15,474.81				19,050.00

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 9/12/53 Operator Ellihill Mining Company

Per J. B. Plosser Title President
J. B. Plosser

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

DEPARTMENT OF THE INTERIOR
Bureau of Mines
REC'D
OCT 6 1953

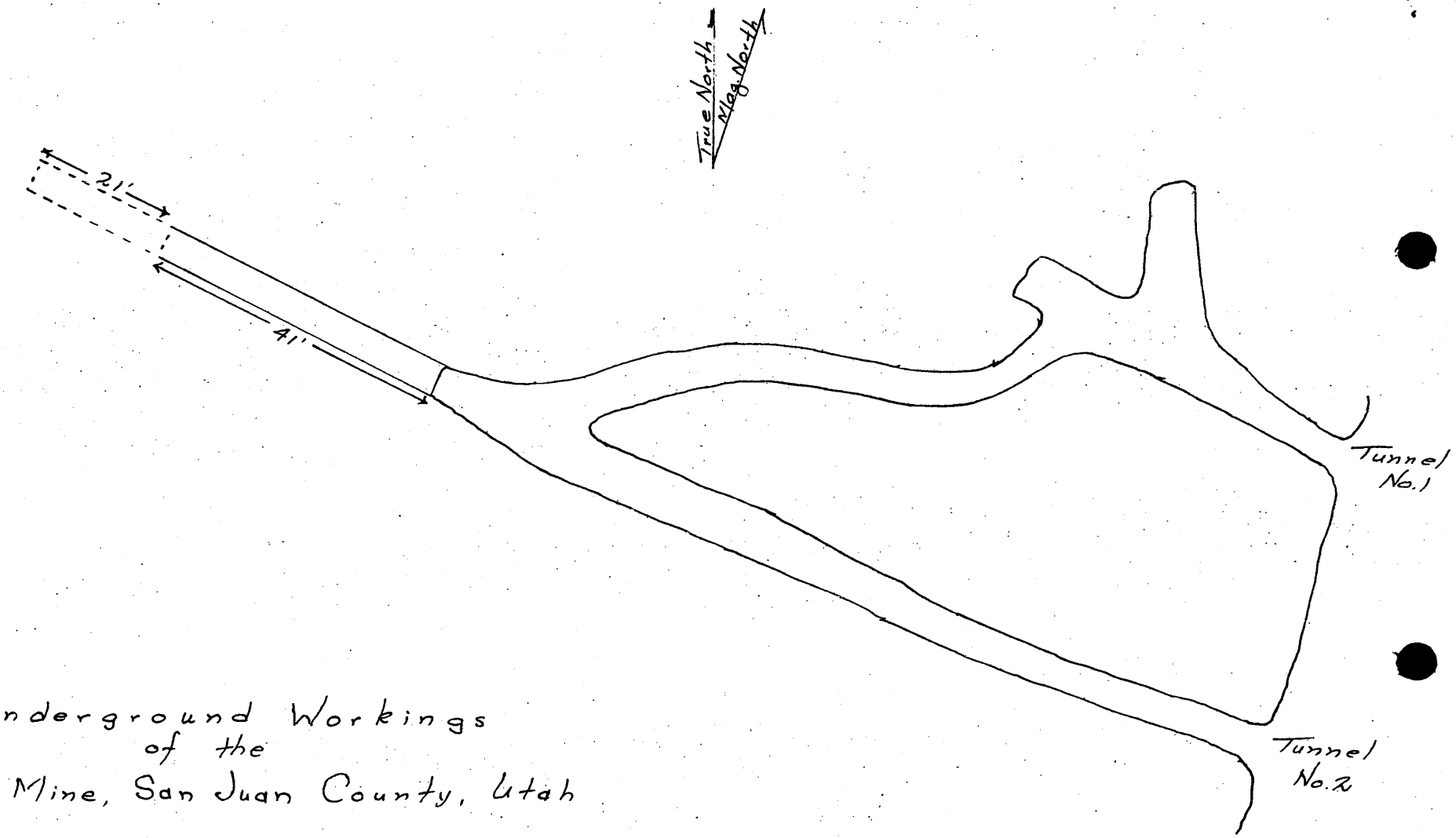
NARRATIVE REPORT

Of work accomplished on the Jomac Mining Claims under Contract No. Idm-E397 during the month of August, 1953.

Work of extending the No. 2 drift was carried on intermittantly during the month of August. Progress was hampered by equipment failures and by illness among the mining crew. A total of 21 feet of drifting was accomplished during this period, as shown on the accompanying sketch.

A larger compressor and heavier jack hammer have been purchased by the operators, and there should be no delays resulting from equipment failure in the future.

No difficulties of a geological nature have been encountered. Use of the Geiger counter indicates that at this point the tunnel face is very low grade, although ore of good quality appears along the north wall. However, returns from samples taken for assay are not yet in. They will be included in next month's report.



Underground Workings
of the
Jomac Mine, San Juan County, Utah

—— Original Workings and included in July report
---- August work under contract

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 28 1953

224 New Customhouse
Denver 2, Colorado

September 24, 1953

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Co., San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of July 1953, pertaining to DMEA Docket 1957, Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah.

W. H. King

W. H. King

Enclosures

mDL

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

224 New Customhouse
Denver 2, Colorado

September 17, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Co., San Juan County, Utah. Operator's Monthly Progress Report for the period July 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	August 4, 1953.
Date Received in Field Office (Originally)	August 10, 1953.
Date Revised Forms Received in Field Office	September 10, 1953.
Date Received in Region Office	September 16, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

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

September 14, 1953

Memorandum

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

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

Subject: Docket No. DMEA 1957 (Uranium), Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah. MF-104 forms for July 1953

Transmitted herewith are the requested copies of MF-104 forms and supporting information pertaining to work accomplished under the subject contract during July 1953. An inspection of the property was made August 20, 1953, by E. K. Thurber.

Drifting under the contract was started during the reporting period and a total of 41 feet of advance made. The drift was driven through iron-stained sandstone containing uranium in carbonaceous material. The operator's map attached to the MF-104 forms indicates that ore has been penetrated over the length of the drift. Analyses of samples taken by the inspecting engineer have not yet been completed.

All work reported is in conformance with the contract. It is recommended that the operator be reimbursed in the manner shown in the inspecting engineer's report. The MF-104 forms were originally received in this office August 10, 1953. A delay of 10 days in transmitting the forms to Denver resulted from the necessity of having to return the forms to the operator for correction. The remaining delay was caused by the work load of the inspecting engineer. The corrected forms were returned to this office September 10, 1953.

Stephen R. Wilson
Stephen R. Wilson

Enclosures

S. R. Wilson September 1, 1953

H. K. Thurber, Jr.

DMEA Docket 1957 (Uranium), Contract Idm-E397. MF-104 forms and monthly progress report for July 1953. Ellihill Mining Co., San Juan County, Utah.

An inspection of the subject property was made on August 20, 1953, in company with Tex Gross, the mine foreman for the operator. The advance was measured and found to check the 41-foot advance claimed by the operator. Two samples were taken in the DMEA drift, but the assaying is not completed.

The drift was advanced through coarse, iron-stained sandstone containing some carbonaceous material in small lenses and irregular stringers parallel to the sandstone bedding. The ill-defined structure observed in some of this material indicates that it is fossil tree sections. The body of the sandstone is mineralized over varying thicknesses along the drift, but is definitely higher grade near the Shinarump-Moenkopi contact. While no channelling is evident, the material encountered in the drift, the character of the ore, and the sandstone leads to the belief that such a structure exists.

The samples shown on the map attached to the MF-104 forms and on the assay report indicate that ore has been penetrated over the length of the drift. Radiometric observations during the examination confirm this. Assays of samples taken by the inspecting engineer will be included in the next monthly report.

The ore being encountered is stockpiled on the surface for future shipment. No ore has been shipped during the life of the contract.

The work during the reporting period was done in a workmanlike manner and was in conformance with the contract. It is recommended that the operator be reimbursed for 41 feet of advance in the amount of $935.42 which is 90 percent of $1,039.35, the total expenditure under the contract for the reporting period.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Defense Minerals Administration
RECEIVED
SEP 28 1953

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $ 19,050.00 Government Participation: 90% Amount, $ 17,145.00

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		13,903.11	13,903.11			
Bulldozing						
Crosscutting						
Drifting	1039.35		1039.35			
(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	1039.35	13,903.11	14,942.46	1039.35	13,903.11	14,942.46

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

Date 8/4/53 *Payee Ellihill Mining Company

Per [signature] Title President

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

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

(Instructions on reverse)

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

$ 935.42

Signature [signature]
(Authorized Certifying Officer)

Date 9/18/53 Vou. No. 54-30

(See other side)

Corrected 9/8/53

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Dm-E397 in accordance with the terms of the contract.

Signature D. K. Thurber, Jr. Title Mining Eng Date Sept. 14, 1953

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

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 20 1953

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	Foot	1039.35	41	1039.35	41	25.35	200	25.35
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	None	None	13,903.11	2983.5	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1039.35		14,942.46				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1039.35		14,942.46				19,050.00

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.

Corrected 9/8/53

Date 8/4/53 Operator Ellihill Mining Company

Per J. B. Plosser Title President
J. B. Plosser

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

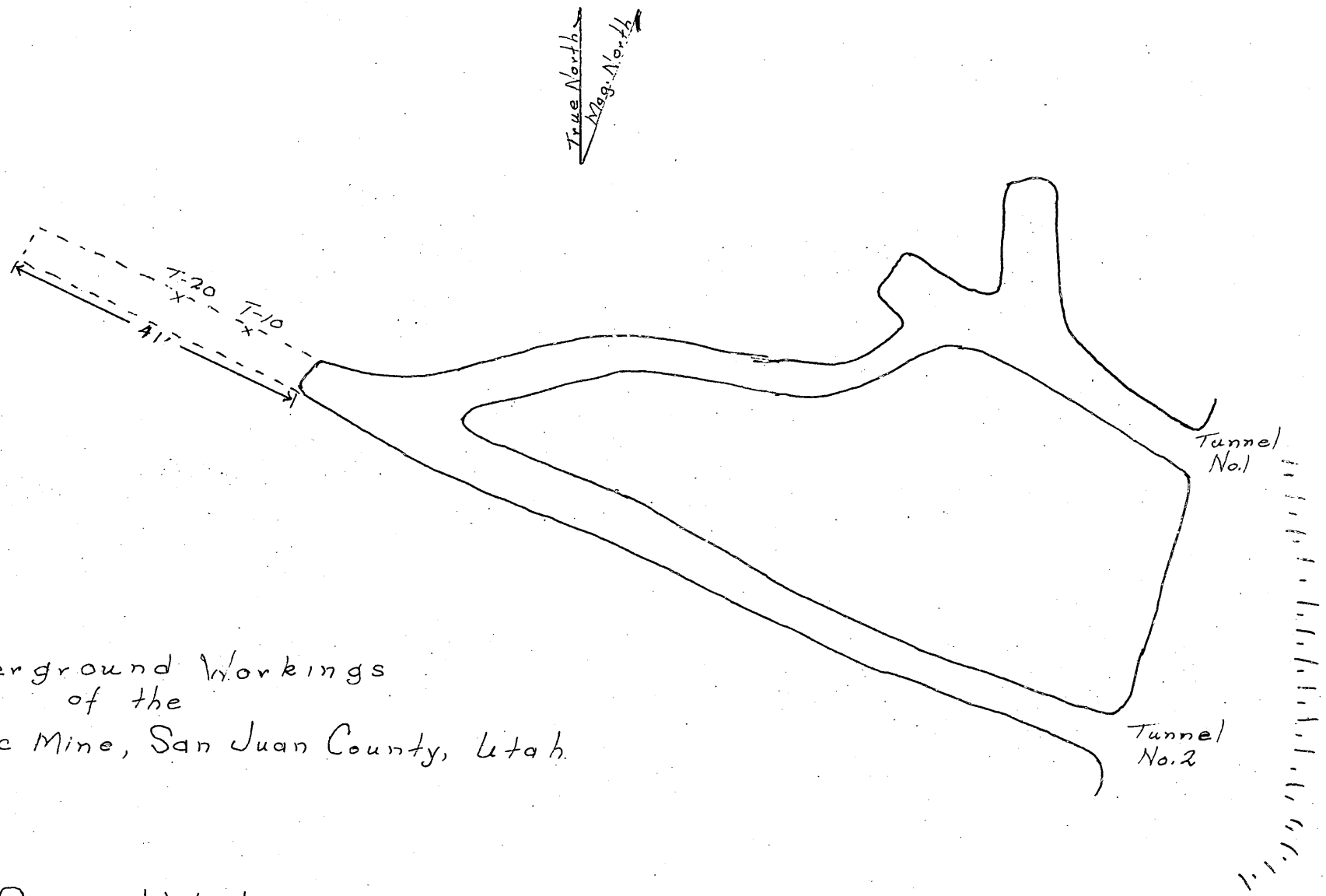
NARRATIVE REPORT

Of work accomplished on the Jomac Mining Claims under Contract No. Idm-E397 during the month of July, 1953.

Drifting on the ore exposed on the face of Tunnel No. 2 was begun on July 6 and continued to a distance of 41 feet during the remainder of the month (see attached sketch). Except for some delays caused by equipment failures, no major difficulties were encountered,

Constant use of the Geiger counter shows ore of varying thickness and grade throughout the entire 41 feet of drift. Samples for chemical assay are being taken at 10 foot intervals. Returns from the first two such samples accompany this report.

Also included in this report are returns from chemical assays run on the last five diamond drill holes. Number of the sample corresponds to the drill hole number, as shown on the sketch accompanying our report for the month of June.



Underground Workings
of the
Jomac Mine, San Juan County, Utah

— Original Workings
--- Work done under Contract
x Location of sample taken for chemical assay

Vanadium Corporation of America

White Canyon, Utah
INTER-OFFICE COMMUNICATION

DATE August 4, 1953

TO Ellihill Mining Company

FROM

SUBJECT U3O8 Assay Report

Core Samples

Sample	% U3O8	
# 27	0.05	30 inches of bottom sandstone
# 28	0.035	28 " " " "
# 29	0.065	28 " " " " & siltstone
# 30	0.05	27 " " " " "
# 31	0.01	36 " " " "

Tunnel Samples

T-10	0.41	Tunnel 2 - 5 ft. to floor, 10 ft. back of starting point, north side
T-20	0.255	Tunnel 2 - 38 in. to floor, 20 ft. back of starting point.

Leroy Parker

Leroy Parker, Superintendent

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

224 New Customhouse
Denver 2, Colorado

August 14, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1957, Contract Idm-E397 (Uranium), Elihill Mining Company, San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of June, 1953, pertaining to DMEA Docket 1957, Contract Idm-E397, Elihill Mining Company, San Juan County, Utah.

W. H. King
W. H.King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

July 30, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract Idm-E397 (Uranium), Elihill Mining Company, San Juan County, Utah. Operator's Monthly Progress Report for the period June 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	July 6, 1953.
Date Received in Field Office	July 13, 1953.
Date Received in Region Office	July 22, 1953.
Date Processed for Payment	July 27, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

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

July 20, 1953

Memorandum

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

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

Subject: DMEA-1957, Contract Idm-8397, Ellihill Mining Co., San Juan County, Utah. MF-104 forms for June 1953

Transmitted herewith are MF-104 forms pertaining to work under the subject project during June 1953. The first part of the contract work, diamond drilling, was completed during the reporting period and preparations were made to begin the underground work allowed by contract. The property was inspected by H. K. Thurber July 8, 1953.

During the month a total of 1,265.6 feet of drilling was accomplished in 14 holes. Assay results of samples from the mineralized sections of the holes are not yet available. Ore-grade mineralization has been found in at least three holes in the area of proposed drifting. Assay results received to date are insufficient to reliably estimate reserves. Appraisal of reserves will be made as soon as all data are transmitted.

Work reported on the MF-104 forms for June 1953 is in conformance with contract terms. Recommendation is made that the operator be reimbursed by 90 percent of the reported expenditures as listed in the engineer's progress report. An error of a few cents in the totals shown on the MF-104 form is the result of conversion of inches to equivalent feet.

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

Stephen R. Wilson
Stephen R. Wilson

Enclosures 2

S. R. Wilson July 20, 1953

H. K. Thurber, Jr.

DMEA-1957, Contract Ida-E397, Killihill Mining Co., White Canyon, San Juan County, Utah. Monthly progress report and MF-104 forms

The subject property was inspected July 8, 1953, in the company of Joe Flosser, operator. The hole sites were observed and core from recent holes examined.

The drilling under the contract was completed on June 26, and the drilling contractor removed his equipment from the site on the following day. During the reporting period, 1,265.6 feet of hole was drilled, making a total of 2,983.5 feet for the project. The total allowable under the contract is 3,000 feet.

Work under the contract was started underground after the close of the reporting period, but only slabbing rounds to widen and straighten the drift, not chargeable to the contract, were broken by the date of the inspection. A point of origin of progress measurements in the No. 2 drift was agreed upon by the operator and the DMEA representative. Reference is made to other correspondence regarding the drifting.

Assays included with the drill logs for the reporting period show only one sample of minable grade. The remainder of the samples is from consistently low uranium mineralization. A complete record of assays is not available in this office. When such a record is available, and recently made maps are obtained from R. P. Fischer's office, a certification of discovery can be recommended.

The narrative report and map attached to the MF-104 forms are sufficient in describing the work performed and results obtained. The MF-104 forms correctly reflect the footage drilled during the reporting period, as shown on the certified drill logs, and correctly show the expenditures allowed under the contract. The drilling, sampling and handling of the core was done in an efficient manner. It is recommended that the operator be reimbursed in the amount of $5,307.93, which is 90 percent of $5,897.70, the total expenditure allowed under the contract.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $19,050.00 Government Participation: 90% Amount, $17,145.00

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	5897.62	8005.49	13,903.11			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5897.62	8005.49	13,903.11	5897.62	8005.49	13,903.11

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

Date 7/6/53 *Payee Ellihill Mining Company

Per J. B. Plosser Title President

J. B. Plosser

*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:

$5307.86

Signature
(Authorized Certifying Officer)

Date 8/10/53 Vou. No. DMA 54-13

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E 397 in accordance with the terms of the contract.

Signature N. K. Thurber, JR. Title Mining Eng. Date July 16, 1953

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

Signature W. H. King Title Executive Officer Date JUL 30 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, 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								
Winzes								
Drilling: Core	Foot	5897.62	1265'7"	13,903.11	2983'6"	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		5897.62		13,903.11				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		5897.62		13,903.11				19,050.00

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 7/6/53 Operator Ellihill Mining Company

Per J. B. Plosser Title President
J. B. Plosser

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

NARRATIVE REPORT

Of work accomplished on the Jomac Mining Claims under Contract No. Idm-E397 during the month of June, 1953.

During the month of June, 1953, the drilling phase of the exploration under Contract No. Idm-E397 was completed.

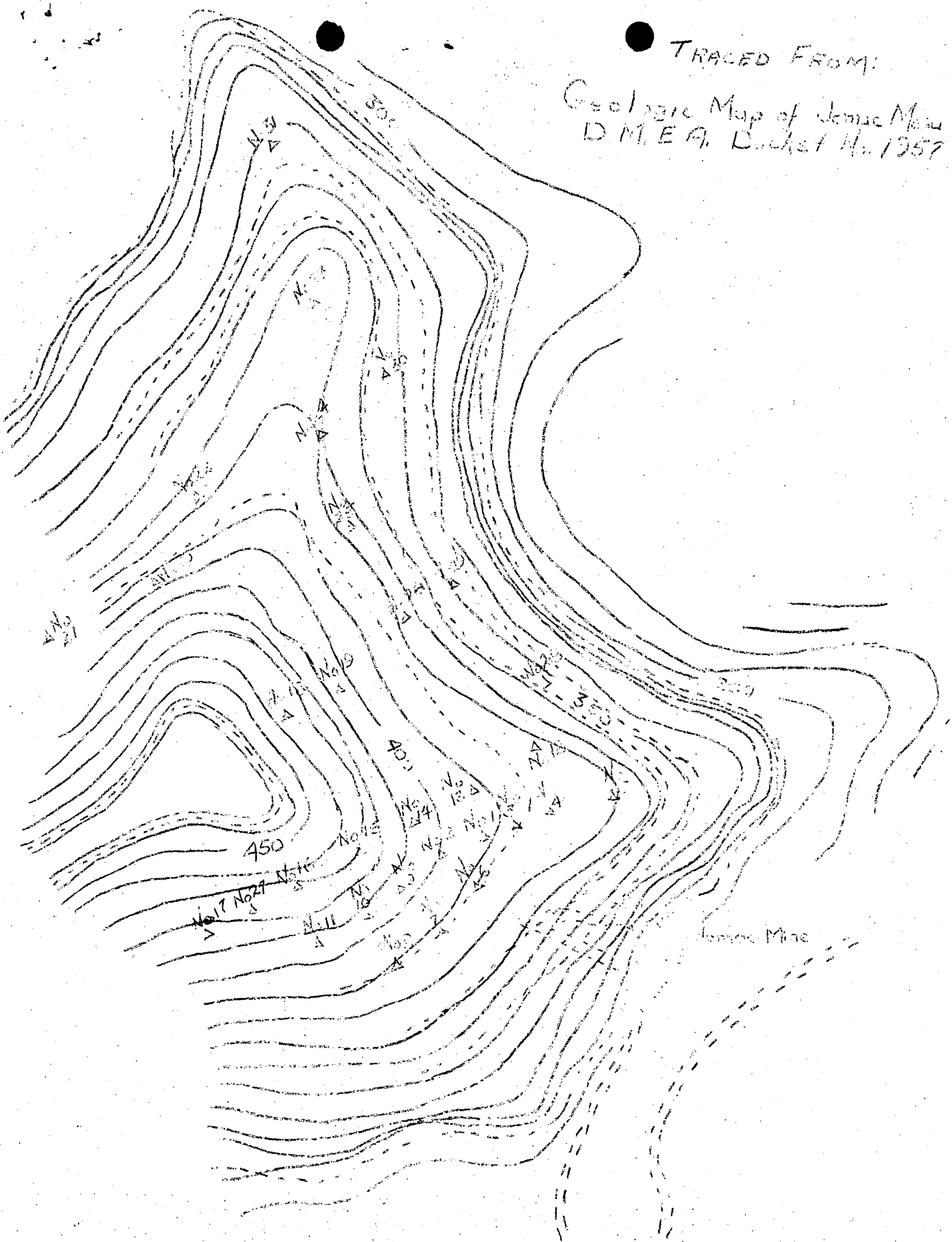
In consultation with the Geological Survey men Trites and Hadd, the remaining drill sites were spotted and holes 18 through 31 were drilled at locations as shown on the accompanying sketch.

It will be noted that the attached drill log does not give the radioactivity of the core from these holes. During this period, radioactivity in the air has been so excessive that it has been impossible to accurately assess increases that are only slightly above background count. However, assay returns from samples taken from holes 13 through 26 accompany this report. Returns from samples from the remaining holes are not yet in, but will be included in July's report.

The last few days of the month of June were spent in securing miners and supplies, in preparation for the drifting phase of the exploration project.

TRACED FROM:

Geologic Map of Jemac Mine
D.M.E.A. Docket No. 1957



DRILL LOG - Hole No. 18

Footage	Description
0' - 105'	Interbedded siltstone, sandy siltstone, argillaceous sandstone and fine grained, broken sandstone
105' - 115'	Fine to medium grained brownish sandstone with clay pebbles, followed by sandy siltstone and clay pebble conglomerate
115' - 129'8"	Clay pebble conglomerate, followed by variegated siltstone
129'8" - 139'8"	Variegated siltstone merging into argillaceous, purplish sandstone
139'8" - 149'8"	Gray, sandy siltstone, followed by fine to medium grained sandstone with small amount of carbon, then siltstone
149'8" - 159'11"	Mottled, sandy siltstone, soft siltstone conglomerate, Moenkopi

DRILL LOG - Hole No. 19

0' - 23'	Sandy siltstone
23' - 39'	Fine grained, buff sandstone, some iron stain, clay pebbles, carbon, quite broken
39' - 49'	Red, pruple and blue siltstone, followed by broken, dark buff sandstone with many clay pebbles
49' - 67'8"	Same sandstone, changing to clay pebble conglomerate and then variegated siltstone
67'8" - 77'8"	Variegated siltstone
77'8" - 89'8"	Variegated, purplish sandstone with interbedded siltstone
89'8" - 97'2"	Dark gray siltstone, fine grained white sandstone with carbon and siltstone streaks and some jarosite, then very hard, white to yellow sandstone with clay inclusions, changing abruptly to siltstone
97'2" - 105'10"	Shaley red and blue siltstone
105'10" - 115'8"	Moenkopi

DRILL LOG - Hole No. 20

0' - 22'	Interbedded sandy siltstone and fine grained sandstone
22' - 31'2"	Siltstone
31'2" - 38'	Siltstone, medium grained, buff sandstone with clay pebbles
38' - 52'	Medium to coarse grained conglomeratic sandstone
52' - 67'6"	Variegated siltstone
67'6" - 80'2"	Same
80'2" - 89'2"	Purple and grayish-yellow, fine grained sandstone with clay streaks
89'2" - 94'1"	About 6 inches fine grained sandstone, followed by gray and purple siltstone
94'1" - 104'1"	Same - Moenkopi at bottom

DRILL LOG - Hole No. 21

0' - 53'3"	Interbedded argillaceous sandstone and fine grained, iron stained, broken sandstone
53'3" - 64'4"	Argillaceous sandstone and sandy siltstone - buff sandstone last 3 inches
64'4" - 73'2"	Medium grained, brownish-buff sandstone with many clay & iron inclusions, followed by clay pebble conglomerate
73'2" - 91'	Variegated siltstone
91' - 94'4"	Very fine grained, white, purple & yellow stained sandstone

DRILL LOG - Hole No. 21, continued

Footage	Description
94'4" - 100'1"	Fine grained, buff sandstone with small bed of purple & yellow siltstone, fine grained, buff sandstone streaked with gray, medium grained freckled sandstone
100'1" - 107'11"	Variegated siltstone and Moenkopi

DRILL LOG - Hole No. 22

0'- 30'	Fine to medium grained, light buff sandstone, very broken, clay & iron pebbles and some iron stain
30' - 43'	Variegated siltstone
43' - 53'2"	Variegated, argillaceous sandstone and sandy siltstone
53'2" - 63'8"	Gray, argillaceous sandstone, followed by freckled, buff sandstone and very fine grained, buff sandstone, last 18" interbedded white sandstone & clay
63'8" - 73'	Brownish-purple, argillaceous sandstone
73' - 80'2"	Siltstone conglomerate followed by Moenkopi

DRILL LOG - Hole No. 23

0' - 30'	Pebbly, fine grained, light gray sandstone with layers of interbedded sandy siltstone, followed by buff sandstone with small clay inclusions, iron stained in fractures
30' - 45'2"	Variegated siltstone
45'2" - 55'2"	Broken, fine grained, light buff sandstone - some brown freckling and clay streaks
55'2" - 65'2"	Same, but more solid, becoming slightly coarser grained, fewer clay streaks
65'2" - 71'10"	Medium grained, freckled sandstone, becoming coarse grained and iron stained at bottom - about 7½" siltstone showing traces of carbon and green stain
71'10" - 82'	Approximately 8½" green stained siltstone followed by Moenkopi

DRILL LOG - Hole No. 24

0' - 30'	Fine to medium grained buff sandstone with several small interbedded layers of blue siltstone - 5" blue siltstone at bottom
30' - 50'	Variegated siltstone
50' - 52'8"	Soft, fine grained, light buff sandstone
52'8" - 62'8"	Soft, fine grained, freckled buff sandstone
62'8" - 70'10"	Same, becoming coarser grained, with clay streaks and inclusions last 2 feet
70'10" - 76'2"	Coarse grained, dark, freckled sandstone, iron stained at bottom - small, soft siltstone lens at bottom
76'2" - 84'1"	12 inches of gray siltstone followed by Moenkopi - some green stain in siltstone

DRILL LOG - Hole No. 25

0' - 30'2"	Broken, fine to medium grained, grayish sandstone with interbedded layers of clay pebble conglomerate
30'2" - 48'2"	Variegated siltstone

DRILL LOG - Hole No. 25, continued

Footage	Description
48'2" - 53'2"	Fine grained, yellow sandstone - some gray streaks of clay
53'2" - 63'2"	Fine grained, white to light buff sandstone
63'2" - 66'3"	Same
66'3" - 69'8"	Freckled sandstone with streaks of micaceous clay, and lower, small clay inclusions
69'8" - 74'8"	Medium grained, freckled, white sandstone, becoming coarser toward bottom - small siltstone lens at bottom
74'8" - 81'6"	Siltstone and sandy siltstone containing some small flecks of carbonaceous material and some green stain, followed by about 3 feet 7 inches of Moenkopi

DRILL LOG - Hole No. 26

0' - 29'2"	Fine to medium grained, grayish sandstone, very broken
29'2" - 41'5"	Medium grained, grayish sandstone, followed by clay pebble conglomerate and variegated siltstone
41'5" - 56'2"	Variegated siltstone
56'2" - 65'8"	Rainbow hued, fine grained sandstone, very broken toward bottom, with some clay inclusions
65'8" - 75'8"	Fine grained, white & yellow sandstone with clay streaks and inclusions, followed by interbedded, argillaceous sandstone with interbedded siltstone and then somewhat coarser, freckled sandstone
75'8" - 83'6"	Freckled, medium to coarse grained sandstone, iron stained, followed by gray and then red siltstone
83'6" - 89'3"	Moenkopi

DRILL LOG - Hole No. 27

0' - 70'	Sandy siltstone and siltstone, with occasional thin lenses of sandstone
70' - 82'	Same
82' - 91'	Interbedded siltstone and fine grained sandstone
91' - 102'3"	Medium grained sandstone, merging into sedimentary conglomerate
102'3" - 125'	Variegated siltstone
125' - 132'8"	Fine grained, white sandstone with clay streaks and inclusions, followed by fine to medium grained, buff, broken sandstone
132'8" - 152'6"	Broken, coarse grained sandstone showing very minute amount of carbon, followed by about 3 feet of siltstone and then Moenkopi

DRILL LOG - Hole No. 28

0' - 39'	About 12 feet broken sandstone followed by siltstone
39' - 49'2"	Fine grained, white sandstone with clay inclusions, followed by somewhat coarser grained, lightly freckled sandstone, all very broken
49'2" - 58'1"	Fine grained white sandstone, followed by medium grained, freckled sandstone, coarse grained sandstone last 2 feet
58'1" - 67'2"	Very broken, coarse grained sandstone with some clay pebbles and very small inclusions of carbon, followed by siltstone and Moenkopi - Siltstone green stained top six to eight inches

DRILL LOG - Hole No. 29

Footage	Description
0' - 30'11"	Broken sandstone and variegated siltstone
30'11" - 40'11"	Fine to medium grained white sandstone, some clay streaks
40'11" - 50'1"	Fine to medium grained white and yellow sandstone, some clay streaks & inclusions at bottom, followed by soft, freckled sandstone
50'1" - 55'8"	Very broken, freckled sandstone, coarser grained, soft & sugary toward bottom
55'8" - 62'	Soft, coarse sandstone, followed by broken siltstone, iron and copper stain in fractures, and Moenkopi

DRILL LOG - Hole No. 30

0' - 20'	Overburden and variegated siltstone
20' - 30'8"	White, fine grained, micaceous sandstone, becoming slightly coarser and freckled toward bottom
30'8" - 35'8"	Micaceous, freckled buff sandstone, quite broken
35'8" - 45'8"	Fine to medium grained, buff sandstone with some thin stringers of trashy material, coarser at bottom and carrying small amount of carbon last two inches, followed by gray and buff siltstone and Moenkopi - Upper part of siltstone carries some carbon in fine particles

DRILL LOG - Hole No. 31

0' - 7'	Very hard, fine grained white sandstone, small clay inclusions toward bottom
7' - 13'	Same, becoming slightly freckled - very broken
13' - 23'8"	Medium grained, freckled sandstone with interbedded layers of fine grained, white sandstone streaked with gray - very broken
23'8" - 33'8"	Fairly coarse grained, freckled, broken sandstone, followed by about 12 inches of trashy siltstone and Moenkopi

Total footage for the month of June, 1953 - 1265 feet 7 inches

I hereby certify that the foregoing is a true and correct log of the total footage drilled during the month of June, 1953, on the Jomac Mining Claims, San Juan County, Utah.

MAJORS DRILLING COMPANY

By Forest H. Majors

Forest H. Majors

ASSAY REPORT

Hole No. 13 - 1 sample,	43	inches in mineralized zone		0.172%
Hole No. 14 - 1 sample,	41	" " " "		0.061%
Hole No. 15 - 1 " ,	30	" bottom sand & siltstone		0.050%
Hole No. 16 - 2 samples				
#1	43	inches, siltstone		0.017%
#2	20	" , bottom sandstone		0.020%
Hole No. 17 - 1 sample,	28	inches, bottom sand & silt		0.023%
Hole No. 18 - 1 "	17	" " " "		0.026%
Hole No. 19 - 1 "	35	" " " "		0.024%
Hole No. 20 - 1 "	20	" " " "		0.022%
Hole No. 21 - 1 "	18	" " " "		0.022%
Hole No. 22 - 1 "	23	" " " "		0.028%
Hole No. 23 - 1 "	15	" " " "		0.023%
Hole No. 24 - 1 "	19	" " " "		0.022%
Hole No. 25 - 1 "	33	" " " "		0.027%
Hole No. 26 - 1 "	30	" " " "		0.025%

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

224 New Customhouse
Denver 2, Colorado

July 6, 1953

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Co., San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report Form MF-104, and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period of May, 1953, pertaining to DMEA Docket 1957, Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah.

W. H. King
W. H. King

Enclosures

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

Administrative Audit Difference Statement

Date: June 29, 1953
Payee's
Reference: Progress
Report - May, 1953

Millhill Mining Co.
White Canyon, Utah
S-IA-S-397

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

Amount Claimed $1,912.50

Difference $ .04

Amount Approved $1,912.54

The reason for the difference was due to:

410 feet 5 inches of core drilling @ $4.66 per foot equals $1912.54 instead of $1912.50.

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

Very sincerely yours,

N. E. Stokes
Audit Section

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

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

224 New Customhouse
Denver 2, Colorado

June 25, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Co., San Juan County, Utah - Operator's Monthly Progress Report, for the period May 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

410' 5" at $4.66 per foot = 1912.54 instead of 1912.58 as stated on Form MF-104A. Therefore a disallowance of $.04 is to be made.

Remarks:

Date Of Report	June 6, 1953
Date Received in Field Office	June 10, 1953
Date Received in Region Office	June 17, 1953
Date Processed for Payment	June 24, 1953

W. H. King
W. H. King

Enclosures

RDB:fwo

cc Sec Oper Comm (2)
SRWilson
Contract
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1600 EAST FIRST SOUTH STREET
SALT LAKE CITY 1, UTAH

June 15, 1953

Memorandum

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

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

Subject: DMEA-1957, Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah. MF-104 forms for May 1953

Enclosed are the required copies of MF-104 forms pertaining to subject contract expenditures during May 1953. H. K. Thurber inspected the work June 3, 1953, and prepared the attached progress report.

Project work during the month consisted of diamond drilling. A total of 410.6 feet was drilled during the period. All work reported is in conformance with contract terms and recommendation is made that the operator be reimbursed by 90 percent of the expenditures listed in the MF-104 forms.

The MF-104 forms were received from the operator June 10, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson June 15, 1953

H. K. Thurber, Jr.

DMEA-1957, Contract Idm-8397, Silihill Mining Co., San Juan County, Utah. Monthly progress report and MF-104 forms for May 1953

The subject property was inspected June 3, 1953, in company with Forrest Majors, the drilling subcontractor. George Hadd, one of the Geological Survey geologists assigned to the area, was contacted at his camp, and the geologic maps in preparation were discussed. Hadd indicates that a preliminary geologic report on the subject property is nearly complete and will be transmitted to R. P. Fischer's office in Grand Junction shortly.

The work on the project consisted only of diamond core drilling. A total of 410.6 feet was drilled during the reporting period. Conversation with the driller reveals that considerable difficulty was encountered due to the fractured nature of the shales and siltstones prevalent in the Chinle formation and the Shinarump formation. Very poor water return was realized in the holes, slowing the work by requiring excessive water hauling. The next proposed holes are to be drilled at a lower elevation, resulting in shorter holes; thus more footage is expected during the next reporting period.

The MF-104 forms correctly report the footage shown by the certified drill logs, and the narrative report is sufficient in detail. It is recommended that the operator be reimbursed in the amount of $1,721.32, which is 90 percent of $1,912.58, the total expenditures allowable under the contract.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $19,050.00 Government Participation: 90% Amount, $17,145.00

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	1912.58	6092.95	8005.53	1912.54	6,092.95	8,005.49
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	1912.58	6092.95	8005.53	1912.54	6,092.95	8,005.49

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

Date 6/6/53 *Payee Ellihill Mining Company

Per M. E. Jordan Title Secretary

M. E. Jordan

*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:

$1721.29

Signature (Authorized Certifying Officer)

Date 6/30/53 Vou. No. DMA 54-1

(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. Edm-E397 in accordance with the terms of the contract.

Signature W. H. Thurber, Jr. Title Mining Eng. Date June 15, 1953

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

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

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	1912.58	410'5"	8005.53	1717'11"	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		1912.58		8005.53				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		1912.58		8005.53				19,050.00

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 6/6/53 Operator Ellihill Mining Company

Per M. L. Jordan Title Secretary
M. L. Jordan

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

NARRATIVE REPORT

Of work accomplished on the Jomac Mining Claims under Contract No. Idm-E397 during the month of May, 1953.

Drilling operations for the month of May began on the 4th and continued through the 20th. On that date a spring on the water truck broke, and Mr. Majors left on the 21st for Salt Lake City for repairs, not returning until the end of the month.

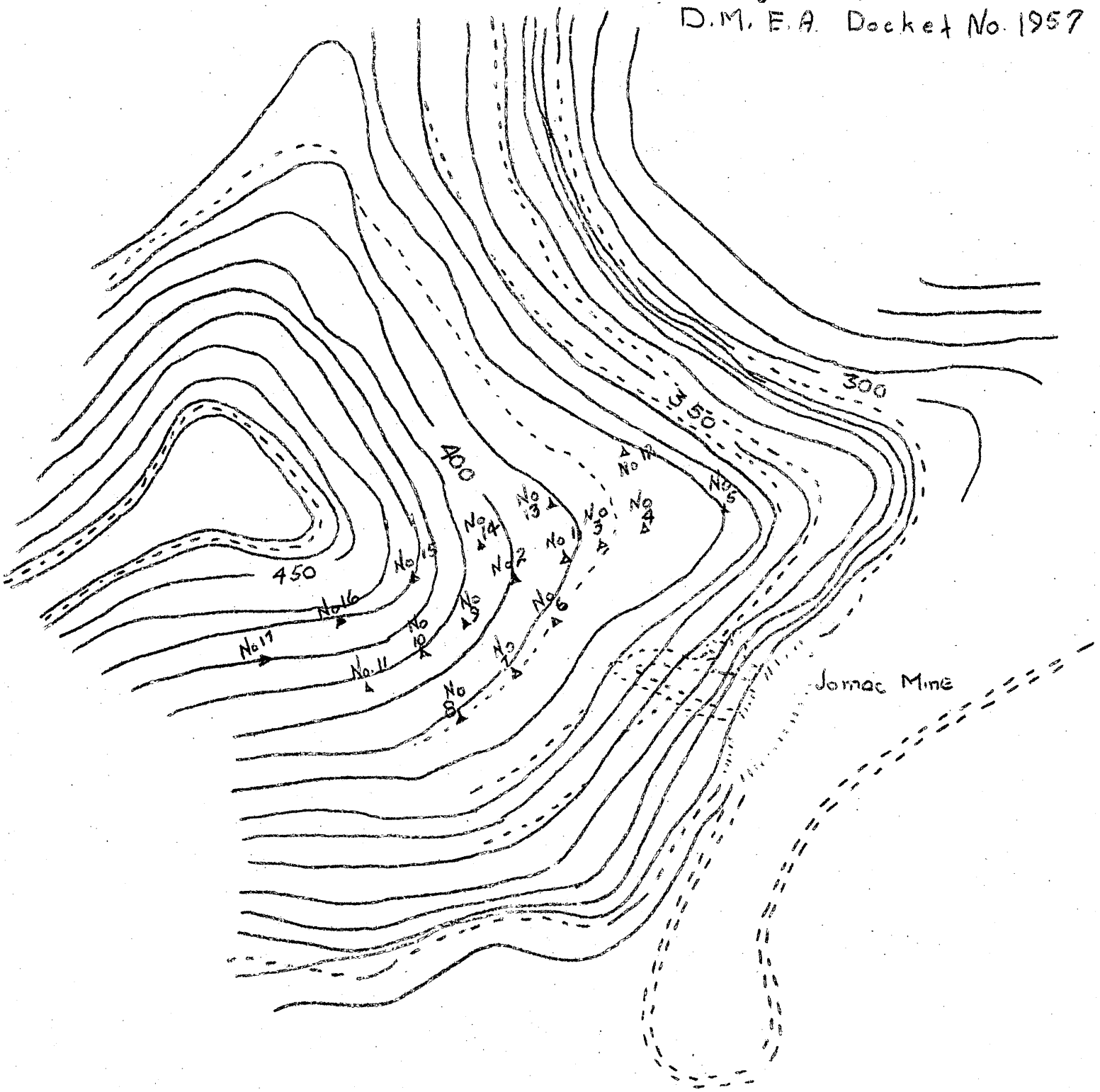
During the month of May Holes 15, 16 and 17 were completed. Locations are shown on the accompanying sketch. No unusual difficulty was encountered, though drilling was slow owing to the greater footage of clay and siltstone in these deeper holes, and complete water loss.

Al Trites and other representatives from the United States Geological Survey continued their work of mapping, logging core and correlating the information thus obtained with the expectation of being able to map the channel and probable ore boundaries.

Accompanying this report are assay returns for core samples from Holes 8, 9, 10, 11 and 12.

TRACED FROM:

Geologic Map of Jomac Mesa
D.M.E.A. Docket No. 1957



DRILL LOG - Hole No. 15

Footage	Description
0' - 14'	Small bed of argillaceous sandstone with leaf fossils followed by gray, fine grained sandstone streaked with yellow, with interbedded sandy clay, then sandy clay with leaf fossils
14' - 26'	Small bits of broken sandstone followed by sandy clay
26' - 39'	Very broken, yellow to brown, iron-stained, medium grained sandstone with flattish clay inclusions
39' - 46'6"	Medium grained, dark buff sandstone
46'6" - 55'8"	Gray clay with interbedded, soft, argillaceous sandstone
55'8" - 65'6"	Same, about 6" dark buff sandstone at bottom
65'6" - 75'6"	Coarse grained, buff sandstone with clay & iron inclusions
75'6" - 78'10"	Thin bed of fine grained, buff sandstone, followed by conglomerate of clay & iron pebbles
78'10" - 94'8"	Varicolored siltstone
94'8" - 99'6"	Argillaceous, purple sandstone, some yellow stain
99'6" - 103'8"	Argillaceous, fine grained sandstone, interbedded silt
103'8" - 104'11"	Dark gray siltstone
104'11" - 115'2"	Dark gray siltstone followed by 6" of fine grained, gray streaked sandstone & about 4' sandy siltstone - about 27" freckled, medium grained sandstone - about 30" coarse grained, red, yellow & brown flecked sandstone with some clay pebbles & very small amount of carbon - soft gray siltstone at bottom
115'2" - 122'8"	Sandy gray & red siltstone followed by gray siltstone, gray & red siltstone conglomerate & [illegible] - small amount of carbon in gray siltstone & slightly radioactive

DRILL LOG - Hole No. 16

0' - 11'	Sandy clay - no core
11' - 22'6"	Nodule of pyrite & hematite at top of small layer of fine grained, ironstained sandstone, followed by sandy clay & sandstone
22'6" - 36'	Sandy clay with fossils of vegetable matter
36' - 46'	Micaceous sandy clay and argillaceous sandstone
46' - 56'	Broken sandstone with iron streaks & inclusions
56' - 61'2"	Medium grained, dark buff sandstone with interbedded layer of conglomerate, followed by sandy clay
61'2" - 72'8"	Sandy clay followed by soft, argillaceous sandstone
72'8" - 83'8"	Interbedded sandstone and clay
83'8" - 93'11"	Medium grained sandstone containing clay pebbles and small bits of carbon, with interbedded layers of sandy siltstone and conglomerate
93'11" - 108'8"	Varigated siltstone
108'8" - 115'	Purple, sandy siltstone merging into purple, argillaceous sandstone with interbedded siltstone
115' - 123'10"	Gray siltstone followed by gray, argillaceous sandstone streaked with carbon, and medium grained, freckle sandstone - about 5" coarse grained sandstone at bott with small lens of carbonaceous material containing sulfides

DRILL LOG - Hole No. 16, continued

Footage	Description
123'10" - 129'	Coarse grained sandstone carrying very small amount of carbon - gypsum lens & soft siltstone at bottom
129' - 131'2"	Soft, gray siltstone
131'2" - 135'4"	Sandy red and gray siltstone followed by Moenkopi No appreciable radioactivity in core

DRILL LOG - Hole No. 17

0' - 20'	Sandy clay with leaf fossils
20' - 30'8"	Same
30'8" - 41'8"	Sandy clay with an occasional sandstone boulder
41'8" - 50'2"	Sandy clay with carbonaceous flecks & iron stain
50'2" - 58'6"	Sandy clay with thin lenses of fine grained sandstone
58'6" - 68'8"	Purplish & light gray, fine grained sandstone with interbedded layer of sandy clay
68'8" - 75'8"	Conglomeratic sandstone
75'8" - 94'4"	Black siltstone with iron stained cleavages, followed by gray, argillaceous sandstone with carbon flecks
94'4" - 104'1"	Medium grained, brownish sandstone, some carbon, followed by clay pebble conglomerate
104'1" - 121'2"	Variegated siltstone with a few inches of sandstone
121'2" - 132'	Medium grained buff sandstone
132' - 136'11"	Medium grained buff sandstone, finer grained at bottom
136'11" - 144'1"	Blue and reddish siltstone
144'1" - 147'10"	Blue and red mottled siltstone & siltstone conglomerate
147'10" - 153'5"	Moenkopi - No appreciable radioactivity in core

Total footage for the month of May, 1953 -- 410 feet 5 inches

I hereby certify that the foregoing is a true and correct log of the total footage drilled during the month of May, 1953, on the Jomac Mining Claims, San Juan County, Utah.

MAJORS DRILLING COMPANY

By Forest H. Majors

Forest H. Majors

ASSAY REPORT

Hole No. 8 - 1 sample		
	17 inches in mineralized zone	0.02%
Hole No. 9 - 1 sample		
	14 inches in mineralized zone	0.04%
Hole No. 10 - 1 sample		
	10 inches in mineralized zone	0.25%
Hole No. 11 - 1 sample		
	22 inches in mineralized zone	0.01%
Hole No. 12 - 1 sample		
	50 inches in mineralized zone	0.06%

The above chemical assays were made in the laboratory of the Vanadium Corporation of America's mill at White Canyon, Utah.

Leroy Parker

Leroy Parker, Superintendent

6/8/53 db.

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

224 New Customhouse
Denver 2, Colorado

May 26, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report, Form MF-104 and MF-104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of April 1953, pertaining to DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, San Juan County, Utah.

W. H. King

W. H. King

Enclosures

May 18, 1953

Progress Report

April, 1953

Rabbit Mining Company,
White Canyon, Utah
Z-[illegible]-3397

[illegible] $ 2319.00

[illegible] .19

[illegible] $ 2319.69

[illegible]

Error in computation of amount for drilling:

605' 1" at $4.66 per foot equals $2819.69

[illegible]

[illegible]

[illegible] Stokes
[illegible] Supplies

[illegible]

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

224 New Customhouse
Denver 2, Colorado

May 12, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract E397 (Uranium), Ellihill Mining Company, San Juan County, Utah - Operator's Monthly Progress Report, for the period April, 1953

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

605' 1" at $4.66/ft. = $2819.69 instead of the $2819.88 as reported by the Operator, therefore a disallowance of $.19 is in order.

Remarks:

Date of Report----------May 1, 1953
Date Received in Field Office----------May 5, 1953
Date Received in Region Office----------May 8, 1953
Date Processed for Payment----------May 11, 1953

An amendment is being processed to extend the completion date of this contract.

W. H. King
W. H. King

Enclosures
RDB:es
cc: Contract
Chron.
Wilson
Sec. to the Oper. Comm. (2)

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

May 6, 1953

Memorandum

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

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

Subject: DMEA 1957, Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah. MF-104 forms for April 1953

Transmitted herewith are the required copies of MF-104 forms pertaining to work accomplished under the contract during April 1953. The property was inspected by H. K. Thurber April 30, 1953. Copies of his progress report are attached.

Work during the month consisted of 605 feet of diamond drilling. All work is in conformance with the contract terms. It is recommended that the operator be reimbursed in the manner shown in the inspecting engineer's report.

The MF-104 forms were received in this office May 5, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson

May 6, 1953

H. K. Thurber, Jr.

DMSA 1957, Contract Idm-E397, Ellihill Mining Co., San Juan County, Utah. MF-104 forms and monthly progress report for April 1953

The subject property was inspected April 30, 1953, in company with Joe Plosser, operator, and A. F. Trites and George Hadd, geologists of the Mineral Resources Branch of the Geological Survey. The topographic and geologic mapping accomplished by the geologists to date on the property was discussed at the Geological Survey camp near the property.

A considerable increase in footage drilled during the reporting period over previous months footage was noted. The increase was due to better weather and road conditions. A still greater increase in subsequent reporting periods is expected because of the hiring of another driller by the drilling subcontractor. The driller, a Mr. Terrell, arrived on the property on April 30, 1953.

The work of Trites and Hadd will greatly aid the operators in intelligently planning future holes by indicating probable channel trends as the drilling progresses. At the time of the examination, a detailed geologic map was being made and the collar elevation and position of the drill holes found. The geologists were also logging the core in detail for geologic purposes. This work may show a different supposed channel pattern than originally projected, but the drilling pattern will remain essentially the same. In this connection, the operator was informed that minor changes in the pattern of drilling were permissible, upon recommendation of the geologists, without a formal amendment. Any change in the pattern would be an extension of the original drill lines to the west. It was noted that good cooperation had been established between the operators and the geologists.

The assays accompanying the MF-104 forms show good mineralization in Holes 4 and 5, and 17½ inches of ore in Hole 7. Assays of samples from Holes 8, 9, 10, 11, 12, 13 and 14 will be reported with the next MF-104 forms.

Observation of the cores and the driller's certification of the drill logs substantiate the operator's claim of total footage drilled during the reporting period. The narrative report correctly reflects the progress made and the difficulties encountered. It is therefore recommended that the operator be reimbursed in the amount of $2,537.89, which is 90 percent of $2,819.88, the total expenditures allowed under the contract for the reporting period.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

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

MAY 5 - 1953
Salt Lake City, Utah

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

Month of April, 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $19,050.00 Government Participation: 90% Amount, $17,145.00

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	2819.88	3273.26	6093.14	2819.69	3273.26	6092.95
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2819.88	3273.26	6093.14	2819.69	3273.26	6092.95

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

Date May 1, 1953 *Payee Ellihill Mining Company

Per J. B. Plosser Title President
J. B. Plosser

*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:

$2537.72

Signature
(Authorized Certifying Officer)

Date 5/19/53 Vouc. No. DMEA 53-137
(See other side)
137

(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-E397 in accordance with the terms of the contract.

Signature R. K. Thurber, Jr. Title Mining Eng. Date May 6, 1953

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

Signature W. H. King Title Date MAY 12 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	2819.88	605'1"	6093.14	1307'6"	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2819.88		6093.14				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		2819.88		6093.14				19,050.00

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.

REMARKS:

Date May 1, 1953 Operator Ellihill Mining Company

Per J. B. Plosser Title President

J. B. Plosser

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

NARRATIVE REPORT

Of work accomplished on the Jomac Mining Claims under Contract No. Idm-E397 during the month of April, 1953.

Drilling operations for the month of April began on the 6th and continued without interruption, except for one day lost owing to bad weather, through the 28th.

During this time Holes 9, 10, 11, 12, 13 and 14 were drilled at locations as shown on the accompanying sketch. No especial difficulty was encountered with the exception of Holes 12 and 13, in which some caving occurred in the clay and siltstone formations, and poor water return was experienced throughout most of the month's drilling.

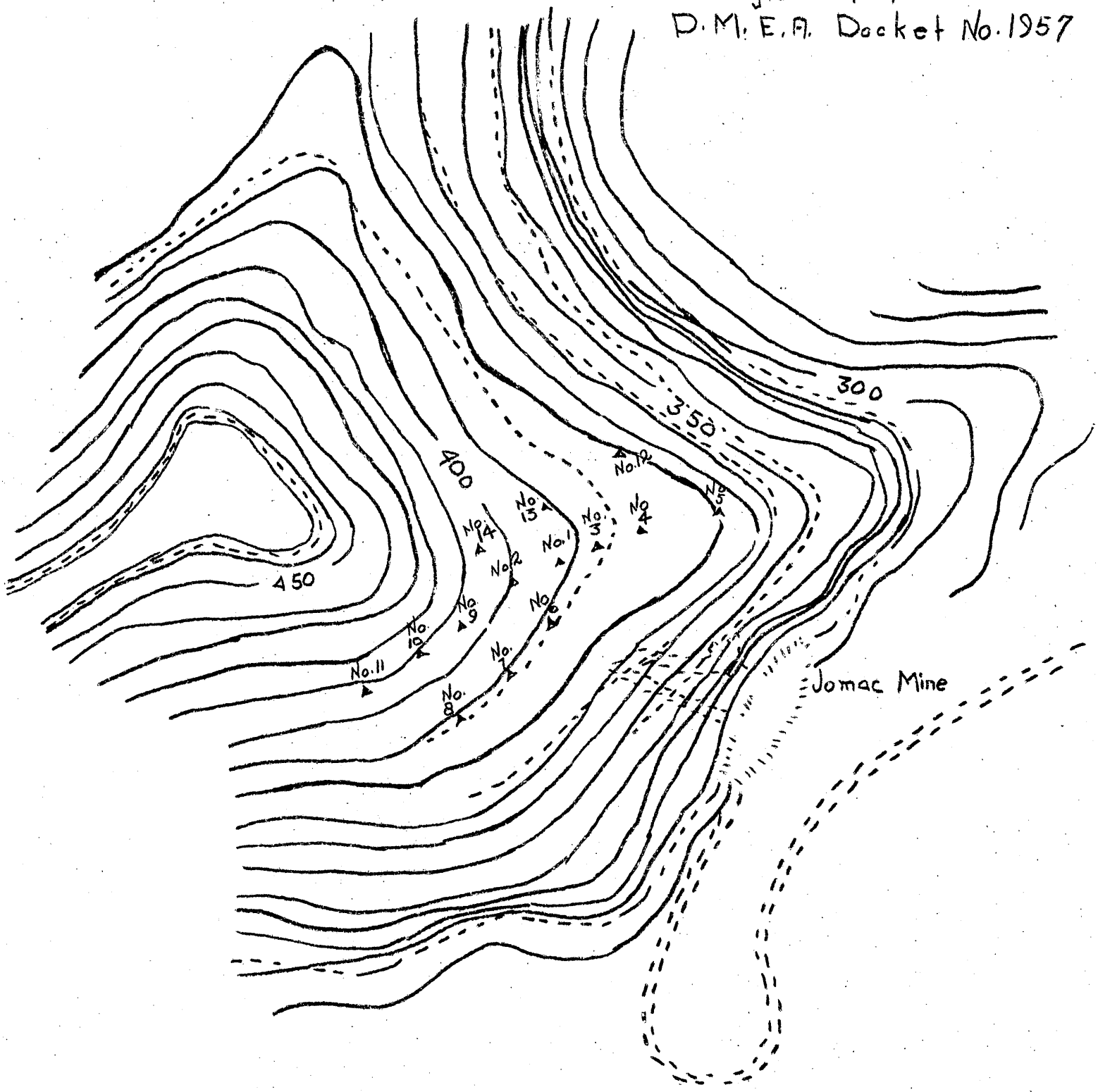
As nearly as could be determined without the aid of instruments, Holes 10 and 11 showed unexpected depth.

On April 8 Horace Thurber, of the Bureau of Mines, made his monthly inspection, and on April 28 Trites and Head, of the United States Geological Survey, began their work of mapping, core logging and inspection for the Defense Minerals Exploration Administration.

Assay returns for core samples from Holes 4, 5, 6 and 7 accompany this report. Returns are not yet in for samples taken from later holes.

TRACED FROM:

Geologic Map of Jomac Mesa
D.M.E.A. Docket No. 1957



Smith's Laboratory

CHEMIST AND ASSAYER

MOAB, UTAH

Ellihill Mining Co
White Canyon
Utah

April 24, 1953

Sample Description	% U_3O_8	% V_2O_5	%	%	%	%			
4-1	0.112	Hole No.4 - 34 inches in mineralized zone							
5-1	0.120	Hole No.5 - 32 " " "						"	
6-1	0.083	Hole No.6 - 48 " " "						"	
7-1	0.216	Hole No.7 - 17½ " " "						" "	
5-2	0.031	Hole No.5 - 16 inches above sample 5-1							

TOTAL CHARGES $ 15.00 Paid

J. Earl Smith
CHEMIST

DRILL LOG - Hole No. 9

Footage	Description
0' - 6'	Blue clay with small lens of fine grained, purplish-red sandstone at bottom
6' - 13'6"	Blue clay with small lenses of sandy clay
13'6" - 19'6"	About 6 ft. of clay followed by broken gray to buff sandstone, iron intrusions
19'6" - 25'	Broken, coarse grained, light sandstone
25' - 35'	Brownish sandstone with iron stain, merging into soft, broken conglomerate
35' - 41'8"	Blue clay
41'8" - 51'11"	Approximately 6 ft. of blue clay followed by coarse grained, brownish sandstone with clay inclusions
51'11" - 63'	Coarse grained, buff sandstone, clay lens, then conglomerate, followed by mottled siltstone
63' - 73'4"	Mottled siltstone
73'4" - 82'8"	Same, becoming sandy siltstone
82'8" - 93'2"	Sandy, gray mudstone changing to coarse brown sandstone, white sandstone with clay inclusions, conglomerate - very slightly radioactive in sandstone
93'2" - 98'8"	Lens of carbonaceous material, followed by blue siltstone and Moenkopi

DRILL LOG - Hole No. 10

0' - 4'6"	Blue clay
4'6" - 9'6"	Same
9'6" - 20'6"	Very soft, fine grained sandstone
20'6" - 29'9"	Coarse grained, buff sandstone - iron stained fractures
29'9" - 39'	Coarse grained, buff to brown sandstone
39' - 45'2"	Dark buff sandstone, broken conglomerate, sandy mudstone
45'2" - 55'3"	Sandy mudstone, brown, broken sandstone
55'3" - 60'10"	Coarse grained, brown sandstone, soft and broken at top, changing to fine conglomerate
60'10" - 64'2"	Crumbled conglomerate & about 10 in. of gray siltstone
64'2" - 69'2"	Broken conglomerate of clay & iron pebbles
69'2" - 78'5"	Mottled siltstone
78'5" - 85'4"	Argillaceous sandstone, merging into mottled, fine grained sandstone
85'4" - 90'	Mottled, red sandstone, gray, fine grained argillaceous sandstone, about 6 in. coarse grained, buff sandstone
90' - 95'3"	Speckled, sugary sandstone
95'3" - 101'6"	Very coarse grained, dark buff to bluish sandstone
101'6" - 107'2"	Small lens of carbonaceous material, radioactive, followed by blue and red siltstone

DRILL LOG - Hole No. 11

0' - 5'	Sandy clay
5' - 11'	Same
11' - 19'	Argillaceous gray sandstone, soft and broken, changing to medium grained, brownish sandstone
19' - 29'	Brown sandstone, followed by soft, gray, sandy clay
29' - 39'	Dark buff to brown sandstone, very broken at bottom
39' - 44'	Broken, fine conglomerate and sandy siltstone

DRILL LOG - Hole No. 11 Continued

Footage	Description
44' - 54'	Fine grained sandstone with interbedded clay, followed by coarser grained, brown sandstone with clay inclusions
54' - 62'5"	Very broken, coarse brown sandstone with small amount of conglomerate at bottom
62'5" - 71'	Varicolored, mottled siltstone, interbedded conglomerate
71' - 79'5"	Mottled siltstone
79'5" - 90'8"	Argillaceous purple sandstone followed by sandy gray siltstone - buff, fine grained sandstone with clay streak coarse grained, broken buff sandstone
90'8" - 96'4"	Coarse grained, sugary, buff sandstone - horizontal breaks showing water action - very slightly radioactive last 1½ feet
96'4" - 102'9"	Very coarse, dark buff sandstone, slightly radioactive, followed by blue siltstone & red Moenkopi

DRILL LOG - Hole No. 12

0' - 6'6"	Medium grained, buff sandstone, badly broken
6'6" - 12'10"	Medium grained, broken buff sandstone with nodular clay & iron intrusions, gypsum filled fractures
12'10" - 24'1"	Medium grained, buff sandstone, changing to fine grained argillaceous sandstone, ferruginous conglomerate lens
24'1" - 32'8"	Coarse grained, brown sandstone with nodular clay intrusions, badly broken top & bottom
32'8" - 46'4"	Varicolored, mottled siltstone
46'4" - 53'3"	Same, becoming sandy toward bottom
53'3" - 61'6"	Light buff sandstone with interbedded blue clay
61'6" - 67'11"	Light, speckled, coarse sandstone, very soft
67'11" - 74'8"	Broken, buff sandstone with beds of fine grained, light sandstone, last 14 in. very coarse & soft
74'8" - 79'10"	Coarse grained, varicolored sandstone, some carbonaceous material - Last 20 in. slightly radioactive
79'10" - 84'2"	Coarse sandstone with some carbonaceous material, merging into interbedded sandstone, sandy siltstone and clay, about 33 in. gray & red siltstone at end

DRILL LOG - Hole No. 13

0' - 4'6"	Broken sandstone & sandy clay
4'6" - 8'	Soft, argillaceous sandstone followed by buff sandstone
8' - 14'2"	Medium grained, dark buff sandstone
14'2" - 21'10"	Same, small clay inclusions & vertical fractures
21'10" - 30'2"	Interbedded conglomerate & medium grained, brownish sandstone, argillaceous sandstone & clay at bottom
30'2" - 36'6"	Very fine conglomerate
36'6" - 42'2"	Broken, very fine conglomerate followed by narrow bed of sedimentary conglomerate & soft siltstone
42'2" - 54'8"	Varicolored, soft siltstone
54'8" - 64'8"	Same, becoming sandy at bottom
64'8" - 72'5"	Soft, mottled, argillaceous sandstone
72'5" - 75'1"	Sandy clay
75'1" - 79'8"	Small lens of siltstone, fine grained sandstone & interbedded clay, coarser grained, speckled, buff sandstone

DRILL LOG - Hole No. 13 Continued

Footage	Description
79'8" - 84'8"	Broken, medium grained, buff sandstone, becoming coarser grained & iron stained toward bottom
84'8" - 89'8"	About 1½ in. radioactive carbon followed by iron stained, coarse sand and grayish conglomerate (slightly radioactive) Argillaceous gray sandstone with about 3 in. of siltstone at bottom
89'8" - 94'10"	Sandy siltstone, siltstone conglomerate, followed by gray and chocolate siltstone

DRILL LOG - Hole No. 14

0' - 4'	Medium grained, buff and gray sandstone
4' - 11'5"	Sandy clay
11'5" - 18'4"	Red, yellow streaked, fine grained sandstone followed by very soft, argillaceous sandstone
18'4" - 29'	Soft, gray argillaceous sandstone & sandy clay, followed by fine sandstone with clay inclusions & 4 in. of buff, medium grained sandstone
29' - 39'8"	Medium grained, dark buff sandstone
39'8" - 45'3"	Yellow stained, gray sandstone, argillaceous sandstone & layer of clay
45'3" - 55'3"	Argillaceous, gray sandstone & sandy clay, followed by medium grained sandstone & fine conglomerate
55'3" - 65'	Very fine, dark buff conglomerate, followed by thin layer of siltstone & approx. 2 ft. coarse conglomerate
65' - 70'1"	Layer of conglomerate, varicolored siltstone
70'1" - 78'8"	Same
78'8" - 80'2"	Slightly sandy, mottled siltstone
80'2" - 85'4"	Mottled siltstone, changing to mottled sandstone
85'4" - 90'	Same, merging into argillaceous, mottled sandstone & sandy clay
90' - 93'4"	Sandy siltstone, followed by streaked, gray, fine grained sandstone & about 5 in. sandy siltstone
93'4" - 99'8"	Sandy siltstone interbedded with gray, argillaceous sandstone, followed by about 14 in. gray & buff sandstone
99'8" - 106'2"	Medium grained, dark brownish gray sandstone followed by coarse grained, reddish brown and yellow sandstone & conglomerate - some small inclusions of carbon
106'2" - 111'2"	Interbedded soft siltstone and sandy siltstone showing inclusions of carbonaceous material & iron stain, gray and brown siltstone at bottom
111'2" - 117'6"	Red siltstone (Moenkopi)

Total footage for month of April -- 605 feet 1 inch

I hereby certify that the foregoing is a true and correct log of the total footage drilled during the month of April, 1953, on the Jomac Mining Claims, San Juan County, Utah.

MAJORS DRILLING COMPANY

By Forest H. Majors

Forest H. Majors

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

224 New Customhouse
Denver 2, Colorado

April 29, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Co., White Canyon, San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of March 1953, pertaining to DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Co., White Canyon, San Juan County, Utah.

for John F. Shaw
W. H. King

Enclosure

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

214 New Customhouse
Denver 2, Colorado

April 21, 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Co., White Canyon, San Juan County, Utah - Operator's Monthly Progress Report, for the period March 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report----------April 1, 1953
Date Received in Field Office----------April 1, 1953
Date Received in Region Office----------April 20, 1953
Date Processed for Payment----------April 21, 1953

W. H. King
W. H. King

RDB:es

Enclosures

cc: Contract
Sec. to the Oper. Comm. (2)
Wilson
Chron.

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

April 16, 1953

Memorandum

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

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

Subject: DMEA 1957, Contract Idm-E397, Ellihill Mining Co., White Canyon, San Juan County, Utah. MF-104 forms for March 1953.

The enclosed MF-104 forms list expenditures made by the subject contractor during March 1953. An inspection of the property was made by H. K. Thurber April 8, 1953. A report of the monthly progress is included.

Work accomplished during March consisted of 514.1 feet of diamond drilling. The total footage is reported on the MF-104 forms and the work is in conformance with the contract terms. It is recommended that the operator be repaid on the basis shown in the progress report.

The MF-104 forms were received from the contractor April 1, 1953.

Stephen R. Wilson

Stephen R. Wilson

Enclosures 2

S. R. Wilson April 16, 1953

H. K. Thurber, Jr.

DMEA-1957, Contract Idm-E397, Ellihill Mining Co., White Canyon, San Juan County, Utah. MF-104 forms and monthly progress report.

An inspection of the subject property was made on April 8, 1953, in the company of M. L. Jordan, secretary of the Ellihill Mining Co., and Forest H. Majors, the drilling subcontractor.

The work completed during the period consisted of approximately 20 hours of bulldozer work on roads and drill sites and 514.1 feet of AX diamond drilling in seven holes. The work was accomplished in conformance with the short-form contract.

The advent of warmer weather allowed better progress of the drilling for the reporting period, as reflected in the MF-104 form, which shows a total of 514.1 feet of drilling. The drilling subcontractor anticipates that the drilling will progress more rapidly during subsequent reporting periods. Drilling is somewhat slowed by the fact that the broken character of the clays of the Chinle formation require casing to alleviate excessive water loss.

The assays attached to the MF-104 forms indicate that good mineralization has been encountered in Holes No. 2 and 3 and good ore found in Hole No. 1. When available, the assay results from recently drilled holes will aid in delimiting the apparent channel. The next rows of holes will determine the course of the projected channel.

Observation of the cores substantiates the total footage drilled during the month as reported in the MF-104 forms. It is therefore recommended that the operator be reimbursed for $2,156.07, which is 90 percent of $2,395.63, the expenditure allowable under the contract.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U.S. Bureau of Mines
Defense Minerals Administration
RECEIVED
APR 1 - 1953
MAY 4 1953
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1953 Docket No. DMEA 1957 Contract No. Dem-1397

Operator's Name Ellihill Mining Company Minerals Uranium

Address White Canyon, Utah

Contract Amount, $19,050.00 Government Participation: 90 % Amount, $17,145.00

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	2395.63	877.63	3273.26			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	2395.63	877.63	3273.26	2395.63	877.63	3273.26

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

Date 4/1/53 *Payee Ellihill Mining Company

Per J. B. Plosser Title President

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

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

(Instructions on reverse)

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

$2156.07

Signature (Authorized Certifying Officer)

Date 4/23/53 Vou. No. DMA 53-126

(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. Tm-E397 in accordance with the terms of the contract.

Signature J. K. Thurber, Title Mining Eng Date April 16, 1953

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

Signature W. H. King Title Executive Officer Date APR 21 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

MAY 4 1953

Month of March 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	2395.63	514'1"	3273.26	702'5"	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		2395.63		3273.26				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc								
TOTAL COSTS		2395.63		3273.26				19,050.00

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 4/1/53 Operator Ellihill Mining Company

Per J. B. Plosser Title President

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

NARRATIVE REPORT

Of work accomplished on the Jomac Mining Claims under Contract No. Idm-E397 during the month of March, 1953.

The first drilling during the month of March was accomplished on the 8th, when uncompleted Hole No. 2 was drilled from 94 feet 2 inches to 99 feet 1 inch, into the Moenkopi. Hole No. 3 was begun on the 9th.

On the evening of Monday, March 9, an acquaintance of Mr. Majors' arrived from Salt Lake City to work during his vacation as driller's helper. He remained through March 17.

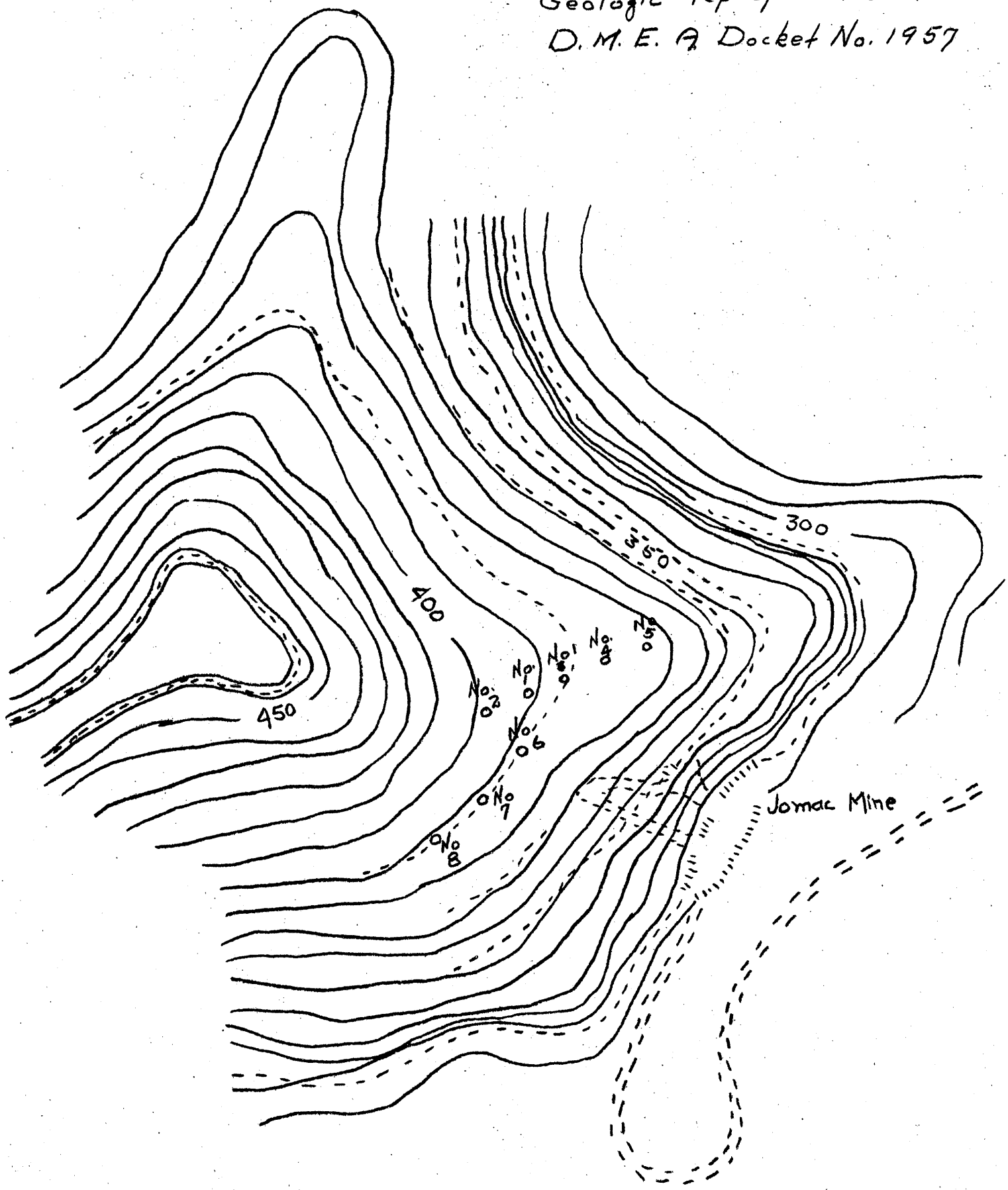
On Tuesday, March 10, William Hassler, from the Defense Minerals Exploration Administration, and Horace Thurber, from the Bureau of Mines, arrived to inspect the work already done and to spot the holes next to be drilled. Locations for holes 4 through 11 were definitely decided, and tentative locations for further drilling were agreed upon.

During the remainder of the month Holes 3, 4, 5, 6, 7 and 8 were completed as shown on the accompanying sketch. Mr. Majors has found it expedient to case each hole to a depth of 30 feet or more, and water return is not always good. Coring, through the two mudstone, or clay, beds encountered in every hole, is usually impossible. Otherwise, no unusual or major difficulties have been encountered.

On March 26, 27 and 28 the remaining dozer work was completed, as outlined by Mr. Hassler and Mr. Thurber.

Assay reports of all samples so far taken are attached.

Traced from:
Geologic Map of Jomac Mesa
D. M. E. A Docket No. 1957



DRILL LOG - Hole No. 2 (Cont. from Feb. Report)

Footage	Description
94'2" - 99'1"	Gray siltstone and Moenkopi

DRILL LOG - Hole No. 3

Footage	Description
0' - 6'5"	Broken sandstone and shale overburden
6'5" - 13'5"	Medium grained buff sandstone
13'5" - 16'8"	Same, becoming coarser grained
16'8" - 19'6"	Coarse grained buff sandstone with red and yellow intrusions of iron stain
19'6" - 22'10"	Same, merging into blue clay
22'10" - 26'	Blue clay
26' - 30'	Broken, medium grained sandstone with clay intrusions
30' - 40'6"	Coarse grained buff sandstone with small intrusions of clay
40'6" - 62'2"	Varicolored mudstone merging into soft sandstone at base
62'2" - 64'8"	Purple, medium grained sandstone with interbedded mudstone
64'8" - 70'1"	Greenish-gray, streaked sandstone with interbedded mudstone
70'1" - 80'3"	Gray, fine grained sandstone with interbedded mudstone, merging into coarse grained buff sandstone
80'3" - 84'6"	Coarse grained buff sandstone with intrusions of iron stain and carbonaceous material toward bottom
84'6" - 88'5"	Coarse grained carbonaceous gray sand stone, mudstone at base, slightly radioactive
88'5" - 91'	Gray siltstone and Moenkopi

DRILL LOG - Hole No. 4

Footage	Description
0' - 9'5"	Sand and clay overburden, medium grained buff sandstone
9'5" - 15'	Same, blue mudstone at base
15' - 19'6"	Blue clay or mudstone
19'6" - 29'	Blue mudstone, broken, fine to coarse grained buff sandstone with nodular clay intrusions
29' - 34'4"	Coarse grained, buff sandstone with intrusions of iron stain
34'4" - 35'4"	Conglomerate
35'4" - 38'11"	Blue flecked with black mudstone
38'11" - 45'3"	Varicolored loose mudstone
45'3" - 58'8"	Same - about 3 feet of soft sandstone with interbedded clay
58'8" - 61'11"	Broken, medium grained light buff and gray sandstone with clay intrusions and verticle lenses of gypsum
61'11" - 73'4"	Fine grained gray sandstone with interbedded siltstone, merging into coarse grained buff sandstone

DRILL LOG - Hole No. 4 (Continued)

Footage	Description
73'4" - 79'7"	Coarse grained varicolored sandstone merging into fine conglomerate. Some radioactivity
79'7" - 81'8"	Radioactive conglomerate, about 2 inches of siltstone with lens of gypsum at base
81'8" - 84'8"	Buff and gray siltstone, fine lenses of copper stain at top - slight radioactivity

DRILL LOG - Hole No. 5

Footage	Description
0' - 8'5"	Coarse grained buff sandstone
8'5" - 12'	Conglomerate and coarse grained buff sandstone
12' - 21'	Medium grained gray sandstone with interbedded blue mudstone
21' - 37'	Coarse grained brownish sandstone and conglomerate with clay intrusions
37' - 49'	Mudstone, no core
49' - 54'8"	Varicolored mudstone with approximately 14 inches of greenish-gray sandstone and interbedded clay
54'8" - 63'8"	Coarse grained buff sandstone with areas of interbedded clay or mudstone
63'8" - 74'	Same, becoming coarser grained at bottom
74' - 77'8"	Coarse grained sandstone and conglomerate with carbonaceous material - some radioactivity
77'8" - 81'10"	About 14 inches of soft siltstone with interbedded carbonaceous material and lenses of gypsum, some traces of copper - gray-green siltstone at base

DRILL LOG - Hole No. 6

Footage	Description
0' - 14'	Coarse grained buff sandstone
14' - 22'10"	Blue mudstone (about 5 feet) and coarse grained brownish sandstone with clay intrusions
22'10" - 29'6"	Coarse grained brown sandstone and conglomerate, vertical cracks stained with iron
29'6" - 34'	Same
34' - 44'2"	Varicolored mudstone
44'2" - 54'3"	Same - small amount of purplish sandstone at base
54'3" - 62'3"	Medium grained gray sandstone with interbedded mudstone
62'3" - 66'6"	Medium grained gray sandstone streaked with black, interbedded mudstone
66'6" - 74'8"	Same, for approximately 3 feet, then coarse grained varicolored broken sandstone
74'8" - 78'8"	Coarse grained yellow and gray sandstone with intrusions of clay and carbonaceous material and small lenses of gypsum - slightly radioactive
78'8" - 83'6"	Black and gray siltstone, Moenkopi

DRILL LOG - Hole No. 7

Footage	Description
0' - 10'	Medium grained buff sandstone
10' - 14'	Same, with small intrusions of clay and iron stain
14' - 18'	Brownish sandstone with clay intrusions
18' - 24'	Blue clay - no core
24' - 32'8"	Broken, coarse grained brownish sandstone with clay and iron intrusions
32'8" - 37'5"	Same
37'5" - 53'2"	Varicolored mudstone, becoming sandy mudstone at base
53'2" - 55'8"	Sandy, purple mudstone, merging into fine grained streaked sandstone
55'8" - 62'8"	Medium to fine grained streaked purple sandstone
62'8" - 70'	Gray and buff medium to fine grained sandstone with interbedded clay
70' - 77'9"	Coarse grained varicolored sandstone and fine conglomerate with fractures stained with iron
77'9" - 80'3"	Approximately 13 inches of radioactive interbedded sandstone and siltstone with carbonaceous material, followed by soft, mottled siltstone
80'3" - 83'10"	Siltstone followed by Moenkopi

DRILL LOG - Hole No. 8

0' - 17'	Broken, medium to coarse grained buff sandstone
17' - 21'	Blue clay or mudstone
21' - 32'6"	Very soft gray sandstone with interbedded clay
32'6" - 36'	Broken, coarse grained brownish sandstone, iron stained vertical cracks
36' - 38'	Same, soft, shaley sandstone at bottom
38' - 59'8"	About 2 feet soft sandstone followed by mottled mudstone, becoming sandy at bottom
59'8" - 66'10"	Fine grained purple sandstone changing to soft, gray sandstone with interbedded clay
66'10" - 75'2"	Dark gray sandstone changing abruptly to coarse, sugary, dark buff sandstone
75'2" - 77'8"	Interbedded sandy siltstone & coarse sandstone
77'8" - 84'4"	Red sandstone with clay inclusions

Total footage for month of March - 514 feet 1 inch

I hereby certify that the foregoing is a true and correct log of the total footage drilled during the month of March, 1953, on the Jomac Mining Claims, San Juan County, Utah.

MAJORS DRILLING COMPANY

By Forest H. Majors
Forest H. Majors

ASSAY REPORT

Hole No. 1 - 3 samples

Sample 1 - 13 inches over mineralized zone	0.03%
Sample 2 - 11 inches, mineralized zone	1.37%
Sample 3 - 12½ inches under mineralized zone	0.03%

Hole No. 2 - 1 sample

15 inches in mineralized zone	0.09%

Hole No. 3 - 1 sample

23½ inches in mineralized zone	0.05%

The above chemical assays were made in the laboratory of the Vanadium Corporation of America Mill at White Canyon, Utah.

Leroy Parker

Leroy Parker, Superintendent

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

224 New Customhouse
Denver 2, Colorado

April 8, 1953.

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, White Canyon, San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the month of February 1953, pertaining to DMEA Docket 1957, Contract Idm-E397 (Uranium), Ellihill Mining Company, White Canyon, San Juan County, Utah.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

March 30, 1953.

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract I6m-K397 (Uranium), Kilihill Mining Company, White Canyon, San Juan County, Utah. Operator's Monthly Progress Report for the period February 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	March 2, 1953.
Date Received in Field Office	March 6, 1953.
Date Received in Region Office	March 23, 1953.
Date Processed for Payment	March 27, 1953.

W. H. King
W. H. King

Enclosures

RDB:cwm

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

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

March 20, 1953

Memorandum

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

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

Subject: DMEA-1957, Contract Idm-E397, Killihill Mining Co., San Juan County, Utah. MF-104 forms for February 1953

Transmitted herewith are MF-104 forms which list contract expenditures on the subject property for February 1953. The inspecting engineer's progress report is attached.

During February, diamond drilling progress was hampered by unfavorable weather and illness of the drilling contractor. A total of 135.8 feet of diamond drilling was completed during the period. This work is in conformance with terms of the short-form contract. Recommendation is made that the operator be reimbursed for the Government's share of expenditures in the manner described in the progress report.

The property was inspected by H. K. Thurber, Jr., March 10, 1953. The MF-104 forms were received from the operator March 6, 1953. The inspecting engineer was in the field from March 9 to March 16, hence the delay in promptly processing the MF-104 forms.

Stephen R. Wilson
Stephen R. Wilson

Enclosures 2

S. R. Wilson March 19, 1953

H. K. Thurber, Jr.

DMEA 1957, Contract Idm-E397, Ellihill Mining Co., White Canyon, San Juan County, Utah. MF-104 forms and monthly progress report, February 1953

The subject operation was visited March 10, 1953, in company with J. W. Hasler, geologist of the Geological Survey, and J. B. Plosser, operator.

The work completed during the reporting period consisted of the diamond drilling of 135.8 feet of AX hole through part of the Chinle and the Shinarump formations into the underlying Moenkopi.

Core from completed Hole No. 1 and from incomplete Hole No. 2 were examined and checked with a Geiger counter. The counter showed weak mineralization over a number of feet of core and strong mineralization over approximately one foot, as indicated in the narrative report. The core recovery from the ore horizon has been very good to date, and the core has been properly stored.

The work was accomplished in conformance with the short-form contract requirements and the MF-104 and MF-104A forms correctly reflect the footage drilled. The narrative report is sufficient in reporting drilling progress and difficulties encountered. The sketch map included correctly shows the location of the holes drilled.

The work on the project proceeded slowly during the month due, in part, to the incapacitation of the drilling contractor and, in part, to inclement weather, as outlined in the operator's narrative report.

As a result of the slow progress, the operator feels that more time will be required to complete the contract footage. To this end, the operator was advised to submit in sextuplicate a request for an amendment to extend the estimated time of completion of the project. This he will do shortly.

Mr. Majors, the drilling contractor, has not been able to obtain help in the form of either a drill helper or a driller, and thus must do all the work himself. Until he finds competent help, the work will continue slowly.

It is recommended that the Ellihill Mining Co. be reimbursed for $569.68, which is 90 percent of $632.98, the total expenditures under the contract for the reporting period.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

U. S. Bureau of Mines
RECEIVED
MAR 6 - 1953
Salt Lake City, Utah

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

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1953 Docket No. DMEA 1957 Contract No. Idm-7397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $19,050.00 Government Participation: 90 % Amount, $17,145.00

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) ~~Indexed~~ Short Form Contracts:						
Drilling	632.98	244.65	877.63			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	632.98	244.65	877.63	632.98	244.65	877.63

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

Date Mar. 2, 1953 Payee Ellihill Mining Company

Per J. B. Plosser Title President

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

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

(Instructions on reverse)

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

$569.68

Signature
(Authorized Certifying Officer)

Date 4/3/53 Vou. No. DMA 53-114

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm E 397 in accordance with the terms of the contract.

Signature W. K. Thurber, Jr. Title Mining Eng. Date Mar 19, 1953

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

Signature W. H. King Title Executive Officer Date MAR 30 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	Foot	632.98	135 5/6	877.63	188 1/3	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		632.98		877.63				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		632.98		877.63				19,050.00

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 Mar. 2, 1953 Operator Ellihill Mining Company

Per J. B. Plosser Title President

J. B. Plosser

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

NARRATIVE REPORT

Of Work Accomplished on the Jomac Mining Claims
Under Contract No. Idm-E397 During the Month
of February, 1953.

The driller, Mr. Majors, returned from Salt Lake City, where he and his wife had been recuperating from illness, on the tenth day of February.

Stormy weather prevented immediate resumption of drilling operations, and caused intermittent work stoppages throughout the remainder of the month.

In hole No. 1 approximately 18 feet of shattered mudstone had to be cemented. Otherwise the completion of Hole No. 1 proceeded without incident. At a depth of 87 feet 11 inches the core yielded approximately 12 inches of radioactive carbonaceous shale, followed by two to three feet of gray siltstone which merged into the chocolate red Moenkopi. The core has not yet been split for assaying, pending the arrival of the D.M.E.A. representative.

Hole No. 2, located 30 feet southwest of Hole No. 1 (see accompanying sketch) presented no major difficulties. This hole is now down to a depth of 94 feet 2 inches, the last core removed being the coarse grained, varicolored sandstone that is characteristic of the beds immediately above the ore horizon. A snowstorm, which made the roads impassible for hauling water, prevented the completion of this hole.

Mr. Majors is taking advantage of this storm-enforced work stoppage to make a trip to Salt Lake City for supplies and to hire a driller or a helper so that the drilling program may proceed from now on more expeditiously.

DRILL LOG - Hole No. 1 (Cont. from January Report)

Footage	Description
52'6" - 59'5"	Varicolored mudstone
59'5" - 63'6"	Varicolored mudstone merging into mottled medium grained sandstone
63'6" - 68'8"	Brown mud - Purplish-brown medium grained sandstone with interbedded layer of blue clay
68'8" - 74'8"	Gray sandstone with interbedded clay
74'8" - 80'1"	Yellowish medium grained sandstone streaked with gray, with interbedded gray mudstone
80'1" - 84'7"	Medium to coarse grained brownish yellow sandstone
84'7" - 87'11"	Coarse grained sandstone and conglomerate
87'11" - 90'4"	Approximately 12 inches of radio-active carbonaceous shale, gray siltstone at base
90'4" - 94'2"	Gray siltstone and Moenkopi

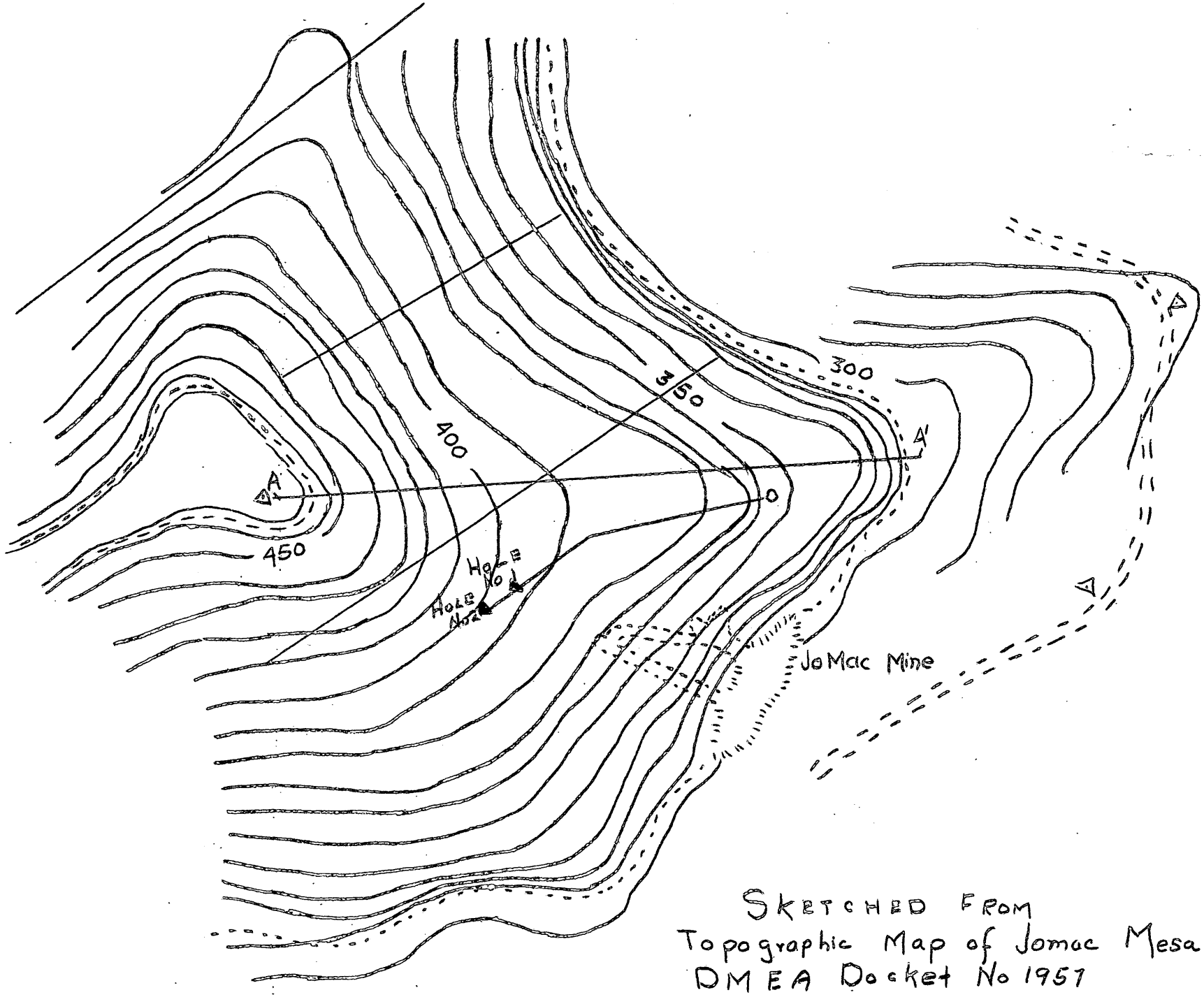
DRILL LOG - Hole No. 2

Footage	Description
0' - 4'6"	Mixed sand and clay overburden
4'6" - 10'6"	Same, merging into buff medium grained sandstone
10'6" - 15'2"	Coarse grained buff sandstone
15'2" - 21'4"	Medium to coarse grained buff sandstone
21'4" - 27'6"	Coarse grained buff to gray sandstone and conglomerate - blue clay at bottom
27'6" - 29'8"	Fine grained gray sandstone with interbedded mudstone
29'8" - 40'3"	Same, merging into gray to buff medium grained sandstone
40'3" - 46'3"	Coarse grained buff to brownish sandstone with nodular clay intrusions
46'3" - 49'2"	Coarse grained brownish sandstone with intrusions of clay and iron, merging into conglomerate of sedimentary material
49'2" - 54'8"	Varicolored mudstone or clay
54'8" - 68'6"	Same
68'6" - 76'3"	Medium grained white to yellow sandstone streaked with gray
76'3" - 85'5"	Same, becoming gray sandstone with interbedded gray mudstone, and merging into buff coarser grained sandstone
85'5" - 94'2"	Coarse grained sandstone of varying colors, clay at base

I hereby certify that the foregoing is a true and correct log of the total footage drilled during the month of February, 1953, on the Jomac Mining Claims, San Juan County, Utah.

MAJORS DRILLING COMPANY

By Forest H. Majors
Forest H. Majors



SKETCHED FROM
Topographic Map of Jomac Mesa
DMEA Docket No 1957

3/10/53 jem

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

224 New Customhouse
Denver 2, Colorado

February 26, 1953.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1953

Memorandum

To: Secretary to the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Form MF-104, DMEA Docket 1957, Contract Idm-E397 (Uranium) Ellihill Mining Co., White Canyon, San Juan County, Utah.

Enclosed are two copies of the Operator's Monthly Progress Report MF-104 and 104A, Operator's Narrative Report, Inspecting Engineer's Narrative Report, and other supporting data for the period December 27, 1952 to January 31, 1953, pertaining to DMEA Docket 1957, Contract Idm-E397 (Uranium) Ellihill Mining Co., White Canyon, San Juan County, Utah.

W. H. King

W. H. King

Enclosures

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

224 New Customhouse
Denver 2, Colorado

February 19, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1953

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket 1957, Contract Idm-E397 (Uranium) Ellihill Mining Co., White Canyon, San Juan County, Utah. Operator's Monthly Progress Report, for the period December 27 to January 31, 1953.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore we recommend that payment be made for 90 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report.

Remarks:

Date of Report	February 3, 1953
Date Received in Field Office	February 11, 1953
Date Received in Region Office	February 19, 1953
Date Processed for Payment	February 19, 1953

W. H. King
W. H. King

Enclosures

RB:ld

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

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

February 17, 1953

Memorandum

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

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

Subject: DMEA 1957, Contract Idm-E397, Ellihill Mining Co., White Canyon, San Juan County, Utah. MF-104 forms for the period December 27, 1952, to January 31, 1953

Enclosed are the required copies of MF-104 forms submitted by the subject contractor for work performed during the above period. The property was inspected by H. K. Thurber and a progress report prepared. Copies of this report are included.

Diamond drilling operations during the period were hampered by illness of the subcontractor, thus only 52½ feet of drilling was completed in one hole. This work is in conformance with the contract terms and recommendation is made that reimbursement to the operator be accomplished by the amount shown in the progress report.

The property was inspected January 16, 1953. The MF-104 forms were received in this office February 11, 1953.

Stephen R Wilson
Stephen R. Wilson

Enclosures 2

S. R. Wilson February 12, 1953

H. K. Thurber, Jr.

DMEA 1957, Contract Idm-E397, Ellihill Mining Co., White Canyon, San Juan County, Utah. MF-104 forms and progress report for period December 27, 1952, to January 31, 1953

The subject MF-104 forms and the supporting documentation was received in this office February 11, 1953, and reviewed this date.

The work accomplished during the reporting period consisted of preparation of drill sites and diamond drilling of 52.5 feet of hole. At the time of the inspection of the project, the drill sites had been prepared and drilling was being done on hole No. 1. The certified drill log of the hole shows that it had been drilled to 52.5 feet at the end of the reporting period and reimbursement is requested on this basis.

The work was accomplished in conformance with the short-form contract requirements and the MF-104 and MF-104A forms correctly reflect the expenditures allowable under the contract. The narrative report is sufficient in reporting difficulties encountered in the work during the period.

It is recommended, subject to a check of arithmetical calculations, that the Ellihill Mining Co. be reimbursed in the amount of $220.19, which is 90 percent of $244.65, the total expenditures under the contract for the reporting period.

H. K. Thurber, Jr.

H. K. Thurber, Jr.

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

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

U. S. Bureau of Mines
RECEIVED
FEB 11 1953
Salt Lake City, Utah

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

Month of January, 1953 Docket No. DMEA 1957 Contract No. Idm-5397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, Utah
Contract Amount, $19,050.00 Government Participation: 90 % Amount, $17,145.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) ~~Independent~~ Short Form Contracts:						
Drilling	244.65	None	244.65			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	244.65		244.65	244.65	--	244.65

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

Date Feb. 3, 1953 *Payee Ellihill Mining Company

Per J. B. Plosser Title President

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

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

(Instructions on reverse)

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

$220.19

Signature [illegible]
(Authorized Certifying Officer)

Date 2/25/53 Vou. No. DMA 53-101

(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. 1957 in accordance with the terms of the contract.

Signature R. K. Thurber, Jr. Title Mining Eng. Date Feb 13, 1953

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

Signature W. H. King Title Executive Officer Date FEB 19 1953

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205675

Form MF-104A
(April 1952)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 2 1953

Month of January 1953 Docket No. DMEA 1957 Contract No. Idm-E397
Operator's Name Ellihill Mining Company Minerals Uranium
Address White Canyon, 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								
Winzes								
Drilling: Core	Foot	244.65	52.5	244.65	52.5	4.66	3000	4.66
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		244.65		244.65				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		244.65		244.65				19,050.00

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 Feb. 3, 1953 Operator Ellihill Mining Company

Per J. B. Plosser Title President
J. B. Plosser

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

U. S. GOVERNMENT PRINTING OFFICE 205676

NARRATIVE REPORT

Of Work Accomplished on the Jomac Mining Claims Under Contract No. Idm-E397 from December 27, 1952, to January 31, 1953.

The dozer operator began the preliminary work of preparing the drill sites on December 27, 1952, and completed this phase on January 4, 1953. On December 29 the Ellihill Mining Company notified Mr. Stephen Wilson, of the Bureau of Mines, that work under the contract had been begun, and sent a copy of this letter to the Majors Drilling Company as their notification.

Mr. Majors, of the Majors Drilling Company, arrived the evening of January 8 with his rig and helper. The next three days were spent setting up the drill on the first location (see accompanying sketch) getting camp in order and securing water. Drilling operations were begun on January 12.

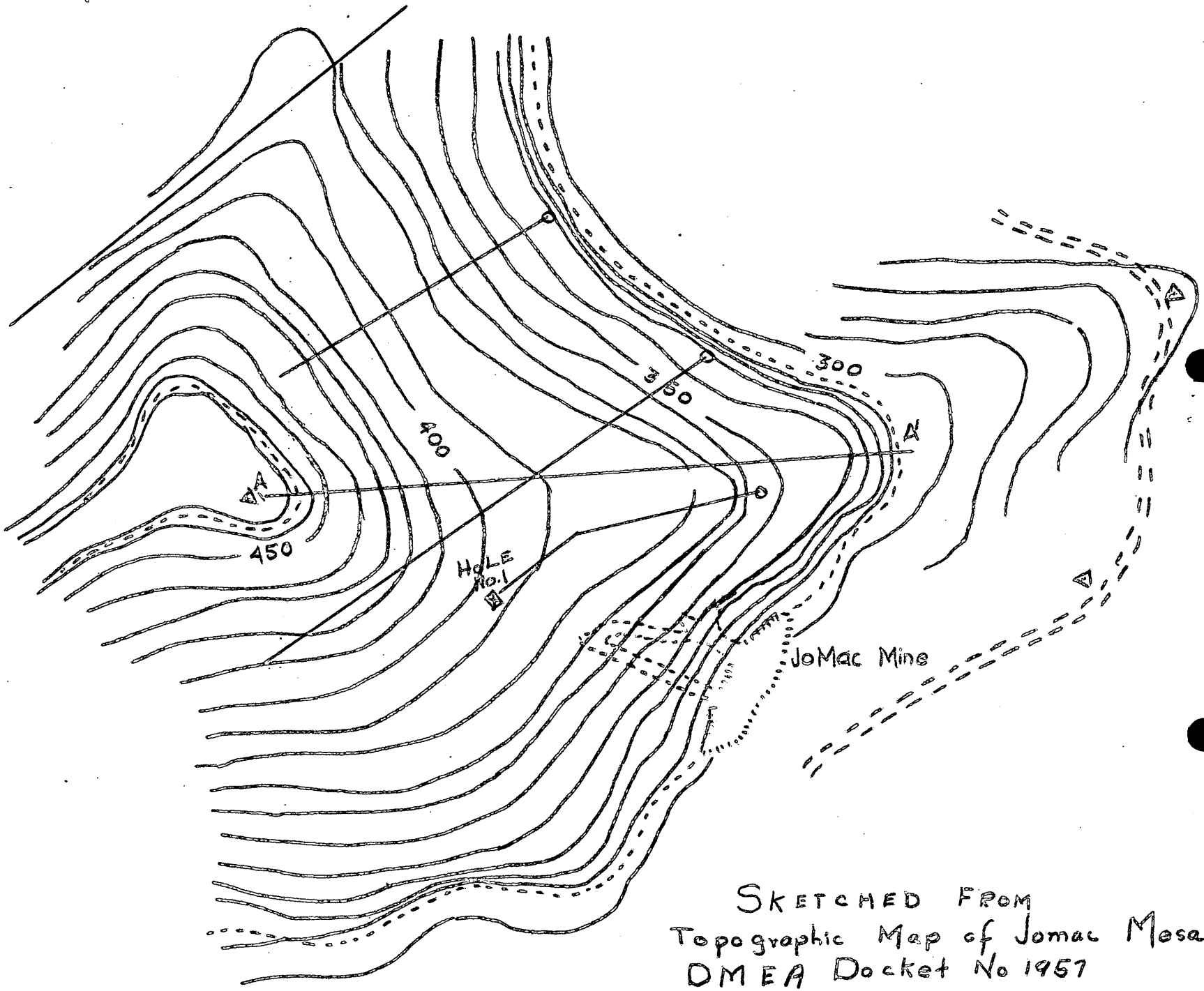
On the morning of January 12 Mr. Majors' helper became ill, and on January 14 left to go to a hospital, leaving Mr. Majors without any assistance.

Drilling proceeded through the week of January 12 to the morning of the 16th, with one day out for bad weather, the only major difficulty being a six foot layer of blue clay, or soft mudstone, encountered at a depth of 20 feet 4 inches.

The afternoon of January 16 Mr. Majors left for Salt Lake City for the purpose of bringing back his wife to keep house for him. Drilling was resumed on January 22, the first day being spent in casing the hole through the blue clay to a depth of 26 feet 4 inches. During the next three days drilling continued to a depth of 52 feet 6 inches, the last 8 feet being in a formation of shattered mudstone which gave trouble and was cemented on January 25.

On January 26 Mr. Majors became ill and was bedridden until January 30, when he drove to Salt Lake City for recuperation.

No mineralized ground has been encountered; therefore no samples were taken.



SKETCHED FROM
Topographic Map of Jomac Mesa
DMEA Docket No 1957

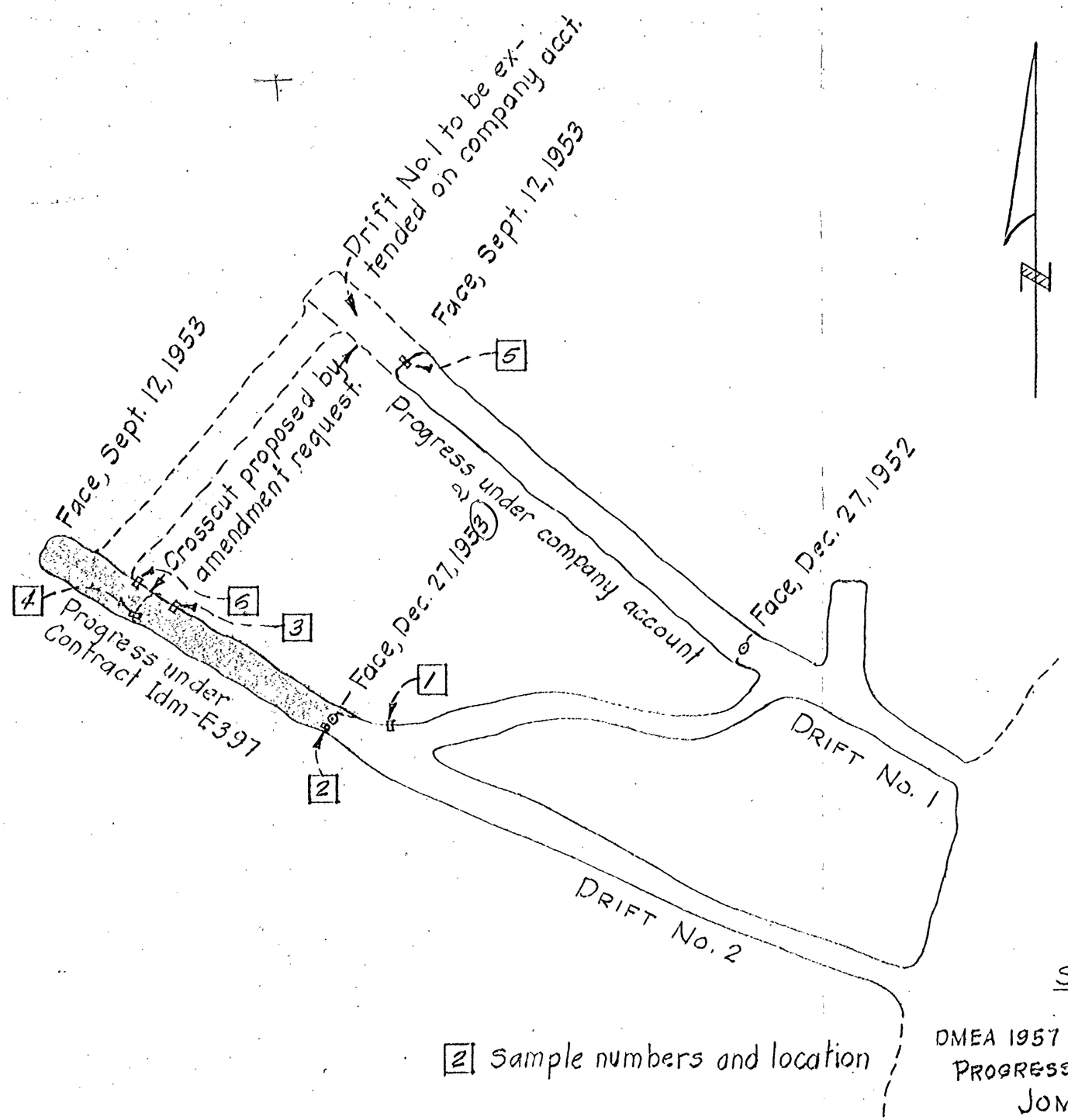
DRILL LOG - Hole No. 1

Footage	Description
0' - 8'	Overburden -- Chinle shale
8' - 10'	Medium grained light sandstone
10' - 14'8"	Same
14'8" - 20'4"	Medium grained broken sandstone merging into fine conglomerate containing nodules of blue clay and iron oxide
20'4" - 26'4"	Blue clay or mudstone, soft
26'4" - 34'	Meduim grained brownish sandstone with globules of iron stain and blue clay
34' - 40'10"	Coarse grained brownish sandstone with scattered pebbles of iron stain
40'10" - 44'4"	Conglomerate of sedimentary material
44'4" - 47'	Blue and yellow mudstone
47' - 52'6"	Variegated colored mudstone, shattered

I hereby certify that the above record is a true and correct log of the total footage drilled between January 12 and January 31, 1953, on the Jomac Mining Claims, San Juan County, Utah.

MAJORS DRILLING COMPANY

By Forest H. Majors
Forest H. Majors



SCALE:- 1" = 20'

DMEA 1957 CONTRACT Idm-E 397
PROGRESS SKETCH MAP
JOMAC MINE
ELLIHILL MINING COMPANY
SAN JUAN COUNTY, UTAH
SEPT. 24, 1953 H.K.T.