4564

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☒ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

John Chalyzin

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED	SHOW WHERE DELIVERED *(only if requested)*
OCT 4 1965	

C55—16—71548-5—F GPO

YAKIMA, WASH.
DELIVERING OFFICE
OCT 4 1965
USPO

RETURN TO

INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

POD Form 3811 Sep. 1963

REGISTERED NO. 500138	NAME OF SENDER U. S. GEOLOGICAL SURVEY, OME
CERTIFIED NO.	STREET AND NO. OR P. O. BOX DEPT. OF THE INTERIOR
INSURED NO.	CITY, STATE, AND ZIP CODE WASHINGTON, D. C. 20240

DMEA-4564

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

November 26, 1962

Re: DMEA-4564 (Uranium)
Modern Mines Development Co.
Jet Claims
Big Horn County, Wyoming
Contract Idm-E1095

Modern Mines Development Company
207 Larson-Andrews Building
Yakima, Washington

Gentlemen:

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

W. R. Griswold, Chief
Division of Minerals

DEC 7 1962
O.M.E.

MME Form 63
Revised 3-62

DMEA-4564
Idm-E1095

REQUEST FOR INFORMATION ON CERTIFIED PROJECT AND PROJECT UNDER ROYALTY AGREEMENT

1. Since **June 15, 1959**, 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 ☐

   Leased to Middleton Mining Co.
   Box 175
   Lovell, Wyoming

2. Since **July 31, 1959**, has there been any production from the land subject to the contract? **(Lot No. 852-5 by Lisbon Uranium Corp.)** 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 John F. Cadigan Title Vice Pres.

Address 907 Larson Andrews Bldg Date Dec. 7, 1962
Cheyenne, Wyoming

Received

4511

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

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

To: Statistics Branch (Code 210)

From: Division of Minerals

Report Period 1/1/59 thru 12/31/59

DMEA No.	Operator	Contract No.
4 5-64	Modena Mines Dev. Co.	E 1095

ORE ESTIMATES

	Tons	Analysis % U_3O_8
DMEA	1172.00	0.43
Operator to date	—	
Total	—	
Production to date	1,160.	0.39
Ore in ground	12.00	0.43

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Prepared by Murphy Date

Rec'd. W.O. 4/11/60
~~Murphy~~
225

Annual
~~XXXXXXXX~~ Report of Certified Projects

Reporting Period January 1, 1959 through December 31, 1959

Docket and Contract Number DMEA 4564, Idm-E1095

Operator Modern Mines Development Co.

Commodity Uranium

Mine Name Jet Claims

County and State Big Horn County, Wyoming

Date of Contract May 31, 1957

Date of Certification August 8, 1958

Expiration Date of Royalty Payments May 31, 1968

Date of Examination for this Report March 29, 1960

Total Amount of Contract $40,870.00

Total Expenditures under Contract $8,885.20

Amount of Government Participation at 75 % $6,663.91

Royalty Payments this Period $585.04

Previous Royalty Payments $3,165.84

Total Royalty Payments to Date $3,750.88

% Loan Repayment Completed 56.29

Amount of Royalty Due As of April 1, 1960, $518.63 was due on royalty and $168.88 bonus royalty was due.

Royalty Remarks

A letter from Fiscal section indicates that $278.06 was received by the Washington Office, OME. The balance due is in process of being collected.

	Tons	Analysis
Original Estimate of DMEA Reserve (Field Team Final Report) Mines [ ] Survey [ ] Joint [x]	233	0.14
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]		
Increase of Reserves by work performed subsequent to DMEA project work		
Production DMEA ore (This period)	139.190	
(Previous)	1,020.889	
(To Date)	1,160.079	0.392%
" Operator's ore found subsequent to DMEA work (This period)		
(Previous)		
(To Date)		

Percent Revised Reserves Mined 100

(For Uranium Ores Only)

Initial Production Bonus:

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

Pounds U_3O_8 produced this period eligible for Bonus 1258.50

Amount of Bonus paid to Operator this period $

Total pounds U_3O_8 produced to date eligible for Bonus 10,000.00

Total amount of Bonus paid to Operator to date $35,000.00

Bonus Royalty Paid $

Bonus Royalty Due $ 168.88

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

Lisbon Uranium Co., the last operator, ceased operations about January 1, 1960. The property is now inactive.

Signed H. M. Connors (Engineer)
H. M. Connors

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

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

To: Statistics Branch (Code 210)

From: Division of Rare & Misc. Metals

DMEA No.	Operator	Report Period	Contract No.
4564	Modern Mines Development Co.	7/1/58-12/31/58	Idm-E1964

ORE ESTIMATES

	Tons	Analysis
DMEA	1172.00 1/	0.43% U_3O_8
Operator to date		
Total		
Production to date	1020.889	0.43% U_3O_8
Ore in ground	151.111	0.43% U_3O_8

INVESTMENT

Type	Size		Feet	Cost
Shafts				
Winzes				
Drifts and Crosscuts				
Raises				
Drilling	Type			
Rehabilitation	Description			

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS 1/ Ore in caverns - Field Team estimate made after 938.774 Tons had been shipped. Additional ore may be found in other caverns.

Prepared by J M Murphy Date 4/28/59

31398

OFFICIAL FILE COPY O. M. E. RECEIVED MAY 25 1959		
DATE	INITIALS	CODE
5/25	a	200
		700

UNITED STATES
DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

May 22, 1959

Memorandum

To: Chairman, Operating Committee, OME

From: Executive Officer, OME Field Team, Region III

Subject: Semiannual Report of Certified Project for the period

DMEA Docket DMEA 4564 (Uranium)
Contract Idm-E1095
Modern Mines Development Co. (Jet Claims)
Big Horn County, Wyoming

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.

J. W. Townsend

J. W. Townsend

Enclosures

HMC:ltm

cc: Semiannual Report File Idm-E1095
Chmn. Op. Comm. (4)
Harshman
Marshall
Chron.

Semi-Annual Report of Certified Projects

Reporting Period	July 1, 1958 through December 31, 1958
Docket and Contract Number	DMEA ~~4584~~ 454 E 1095
Operator	Modern Mines Development Co.
Commodity	Uranium
Mine Name	Jet claims
County and State	Big Horn County, Wyoming
Date of Contract	May 31, 1957
Date of Certification	August 8, 1958
Expiration Date of Royalty Payments	May 31, 1968
Date of Examination for this Report	May 11, 1959
Total Amount of Contract	$40,870.00
Total Expenditures under Contract	$8,885.20
Amount of Government Participation at 75 %	$6,663.91
Royalty Payments this Period	$2,227.52
Previous Royalty Payments	$938.32
Total Royalty Payments to Date	$3,165.84
% Loan Repayment Completed	47.5%

OME
DEPARTMENT OF THE INTERIOR
MAY 21 1959
REGION III
DENVER, COLORADO

Amount of Royalty Due none

Royalty Remarks Last shipment was in November 1958; mine has been inactive since that date. No one at property at time of inspection. Learned from Jim Andres, geologist, Lisbon Uranium Co., that Modern seemingly have gone as far as they can using present system of mining.
(See remarks p. 2)

	Tons	%U_3O_8 Analysis
Original Estimate of DMEA Reserves (Field Team Final Report) Mines [ ] Survey [ ] Joint [X]	233*	0.14
Revised Estimate of DMEA Reserves (Field Team) Mines [ ] Survey [ ] Joint [ ]	*Calculated after 938.744 S.D.T. averaging 0.40% U_3O_8 had been produced.	
Increase of Reserves by work performed subsequent to DMEA project work		
Production DMEA {conc / ore} (This period)	315.292	0.53
(Previous)	705.597	0.38
(To Date)	1020.889	0.43
" Operator's {conc / ore} (This period)		
(Previous)		
(To Date)		

Percent Revised Reserves Mined 100

(For Uranium Ores Only)

Initial Production Bonus:

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

Pounds U_3O_8 produced this period eligible for Bonus 3343.18

Amount of Bonus paid to Operator this period $

Total pounds U_3O_8 produced to date eligible for Bonus 8741.50

Total amount of Bonus paid to Operator to date $

Bonus Royalty Paid $

Bonus Royalty Due $

Investment Data

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

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

Facilities

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

Remarks

Production to date is confirmed by the AEC, Casper Office. Charles L. Van Alstine, AEC, Casper Office, informed me that there is conjecture that Modern may not start back into production. No stockpiling of ore observed on property.

Signed M Marshall (Engineer)

M. H. Marshall

5/20/59

Office of Minerals Exploration
Building 53 Room 203

May 21, 1968

gfa 130
~~gfa 110~~
220
cy-63 file

Mr. Don Hill, Director
Mining Division
U. S. Atomic Energy Commission
Grand Junction, Colorado 81501

Subject: DMEA-4564 (Uranium)
Modern Mines Development Company
Yet Claims
Big Horn County, Wyoming
Contract Idm- E-1095

Dear Mr. Hill:

It will be appreciated if you will check for production data on the subject property since May 9, 1967 and advise.

Sincerely yours,

J. William Hasler
mc

J. William Hasler,
Field Officer, Region III
Office of Minerals Exploration

cc: Chief, OME (2)
OME chron
Mr. Hasler
DMEA-4564

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEDERAL CENTER, DENVER, COLORADO 80225

Memorandum:

To: [illegible]

From: Field [illegible] Region II

Subject: [illegible] Docket Nos. [illegible]

Transmitted herewith [illegible] reply to the Mineral [illegible] and Energy Commission [illegible]

production [illegible]

644

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION OFFICE
GRAND JUNCTION, COLORADO 81501

IN REPLY REFER TO: MP:ASJT

May 17, 1967

OME Region III
RECEIVED
MAY 18 1967
Denver, Colorado

Mr. J. William Hasler
Field Officer, Region III
Office of Minerals Exploration
Denver Federal Center
Denver, Colorado 80225

Subject: Production on DMEA Properties

Dear Bill:

I have your letter of May 9, 1967 requesting production data on properties in D.M.E.A. contracts. Data on the subject properties are shown below:

DMEA Docket No. & Property	Shipper	Month & Year	Dry Tons	Pounds U_3O_8
4849 Tri Pacer Group	Titan Mining Co.	June 1966	139.59	743.00
4201 Dirty Devil 4 & 6 and Hondu No. 1 Fraction	None			None
4564 Jet-Modern	None			None
4041 Outlaw Mesa Claims	(No production shown from the claims listed in this contract. However there has been production during the periods shown below from the Outlaw Nos. 23 and 24, which are claims staked over approximately the same ground as the Salute Nos. 1 and 2 of the subject property)			

DMEA Docket No. & Property	Shipper	Month & Year	Dry Tons	Lbs. U_3O_8	Lbs. V_2O_5
Outlaw 23	Howard M. Williams and Harold Price	FY 1966	381.40	1,810.14	11,052.00
Outlaw 23	Howard M. Williams	1st ½ FY 1967	236.71	810.88	4,788.00
		Jan.-Apr. 1967	72.56	231.22	1,612.00
Outlaw 24	Howard M. Williams	FY 1966	73.23	197.41	807.00
		1st ½ FY 1967	146.96	368.54	2,459.00

Very truly yours,

Gordon B. Peck for

Don R. Hill, Director
Mining Division

[redacted]
RIVERTON, WYOMING

Susquehanna-Western, Inc.

SETTLEMENT STATEMENT

LIQUIDATION NO. 1263
DISTRICT Riverton, Wyoming
DATE Jan. 30, 1963

DATE RECEIVED 10/26/62 LOT NO. 3143-8 SHIPPER'S LOT NO. A.E.C. MC NO. CONTRACT NUMBER

RECEIVED OF Lew Johnson CLAIM Jet #8 STATE Wyoming

SHIPPER'S ADDRESS Basin, Wyoming MINE DIST. Unorg. COUNTY Big Horn

TO PROCESS

HAULAGE DISTANCE 100+ TO STOCK PILE Hold 1/25/63

APR 22 1963 O.M.E.

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	$CaCO_3$		CONTENT (LBS.) U_3O_8	$CaCO_3$	
3143-8	150,550	3.7	145,021	0.25			362.55		
WET TONS	75.275	DRY TONS	72.510						

OME
DEPARTMENT OF THE INTERIOR
APR 19 1963
REGION III
DENVER, COLORADO

ITEM		TONS	POUNDS	UNIT PRICE	AMOUNT
	Actual Uranium 362.550	4564			
BASE PRICE	Premium Base 290.040		362.55	3.50	1,268.93
PREMIUM: U_3O_8 IN EXCESS OF 4 LB./TON			72.510	0.75	54.38
U_3O_8 IN EXCESS OF 10 LB./TON				0.25	
TOTAL U_3O_8 PAYMENT		E 1095			1,323.31
PENALTY:	[—]				[ ]
TOTAL FOR ORE					1,323.31
DEVELOPMENT ALLOWANCE			362.55	0.50	181.28
HAULAGE ALLOWANCE		75.275		0.06	451.65
TOTAL ALLOWANCES					632.93
TOTAL GROSS SETTLEMENT					1,956.24
DEDUCTIONS AND/OR ADJUSTMENTS Less Haulage Paid to Westwood by SWI	[—]				609.73 [ ]
NET SETTLEMENT					$1,346.51

$66.17 should be $67.93

AEB

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
100%	Lew Johnson Security State Bank Basin, Wyoming		2061 3/26/63

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.
All rates paid are based on U. S. Atomic Energy Commission published schedules.

APPROVED E. D. Ayers

R'S COPY

340.15 9-58 3.5M

01-202

4564

MIDDLETON MINING COMPANY
Box 175
LOVELL, WYOMING

OME
[redacted]MENT OF THE INTERIOR
APR 19 1963
REGION [redacted]
[redacted], COLORADO

March 1, 1963

Royalty Distribution Statement on Ore Shipment #2, mined from Modern Jet-8 Mine by Contractors (Elliott, Jones and Asay) and shipped to Susquehanna Western, Inc.

Base Price, as per attached statement	$1,268.93
Premium Base " " "	54.38
Total	$1,323.31

Royalty to Modern Mines Development Co.(6½%)	$ 82.70	
Royalty to Lew & Stan Johnson (6½%)	$ 82.71	
Royalty to Gov. D.M.E.A. (5%)	$ 66.17	Should be $67.33
Total Royalty	$ 231.58	$1.16 due

See letter to Oper. 4-22-63

Note: See Susquehanna Western, Inc. Settlement Statement attached.

Modern Mines Development Co.

L. V. SIGMAN, PRESIDENT
2302 W. CHESTNUT
YAKIMA, WASHINGTON

JOHN F. CADIGAN, VICE PRESIDENT
207 LARSON-ANDREWS BUILDING
YAKIMA, WASHINGTON

W. S. DOYLE, SECRETARY-TREASURER
219 SOUTH 31ST AVENUE
YAKIMA, WASHINGTON

December 1, 1962

OFFICIAL FILE COPY
O. M. E
RECEIVED DEC 7 1962

DATE	INITIALS	CODE
12/10	[illegible]	800
		120
		100
		110
		500

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

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

Dear Sir:

The enclosed check was inadvertantly filed with our copy at this office.

Please excuse the delay in forwarding.

Yours very truly,

John F. Cadigan

John F. Cadigan

JFC:jdc
Enclosure

MIDDLETON MINING COMPANY
LOVELL, WYOMING

September 12, 1962

Royalty Distribution Statement on Ore Shipment No. 1, mined from Modern Jet-8 Mine & shipped to Susquehanna Western, Inc.

Base Price (as per attached statement)		$2,814.35
Premium Base	-do-	277.09
	Total	$3,091.44

Royalty to Modern Mines Development Co. (6½% of $3,091.44)	$ 193.22
Royalty to Lew & Stan Johnson (6½% of $3,091.44)	193.21
Royalty to Gov. D.M.E.A. (5% of $3,091.44)	154.57
Total Royalty	$ 541.00

[redacted]

RIVERTON, WYOMING

SETTLEMENT STATEMENT

LIQUIDATION NO. 1164
DISTRICT Riverton, Wyoming
DATE August 14, 1962

DATE RECEIVED 7/23/62 LOT NO. 2995-S SHIPPER'S LOT NO. A.E.C. LIC. NO. CONTRACT NUMBER

RECEIVED OF Lew Johnson CLAIM Jet #8 STATE Wyoming

SHIPPER'S ADDRESS Basin, Wyoming MINE DIST. Unorg. COUNTY Big Horn

TO PROCESS

HAULAGE DISTANCE 100+ TO STOCK PILE Hold 8/9/62

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	SETTLEMENT ASSAYS (%) $CaCO_3$		CONTENT (LBS.) U_3O_8	CONTENT (LBS.) $CaCO_3$	
2995-S	229,450	5.3	217,324	0.37			804.10		
WET TONS	114.725	DRY TONS	108.662						

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
Actual Uranium 804.100				
Premium Base 434.648				
BASE PRICE		804.10	3.50	2,814.35
PREMIUM: U_3O_8 IN EXCESS OF 4 LB./TON		369.452	0.75	277.09
U_3O_8 IN EXCESS OF 10 LB./TON			0.25	
TOTAL U_3O_8 PAYMENT				3,091.44
PENALTY: [—]				[ ]
TOTAL FOR ORE				3,091.44
DEVELOPMENT ALLOWANCE		804.10	0.50	402.05
HAULAGE ALLOWANCE				
TOTAL ALLOWANCES				402.05
TOTAL GROSS SETTLEMENT				3,493.49
DEDUCTIONS AND/OR ADJUSTMENTS Total amount for Westwood haulage	929.27			240.92
SWI pays 114.725 tons @ $6.00	688.35			
Lew Johnson Pays	240.92			
NET SETTLEMENT				$ 3,252.57

AEB

DISTRIBUTION Mail

%	PAYEE	AMOUNT	CHK. NO.
100%	Lew Johnson Security State Bank Basin, Wyoming		12087

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.
All rates paid are based on U. S. Atomic Energy Commission published schedules.

APPROVED E. D. [illegible]

SELLER'S COPY

340.15 9-58 3.5M

6

REFERENCE SLIP

DEFENSE MINERALS EXPLORATION ADMINISTRATION

	INITIALS	DATE
Joe Murphy	JMM	5/5
228		
4.		
5.		
FROM: 800		

FOR: Check items for action desired

____ Action ____ Reply for signature of _____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS:

DMEA-4564

6-95 (Revised)
(April 1955)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REFERENCE SLIP

Route to:	Name	Room
1.	E.D. Talbert - Chief	
2.	Contract Adm. & Audit Division	
3.		
4.		
5.		

For:

- ---------- Action
- ---------- Approval
- ---------- Comment
- ---------- Conference
- ---------- Consideration
- ---------- Filing
- ---------- Initials
- ---------- Instructions
- ---------- Investigation
- ---------- Mailing
- ---------- Note and return
- X Previous correspondence
- ---------- Recommendation
- ---------- Record of ----------
- ---------- Referring to ----------
- ---------- Reply for signature of ----------
- ---------- Rewriting
- ---------- See or call me
- ---------- Signature
- ---------- Suggestions
- ---------- Surname
- ---------- Your information

Idm-E 1095

Remarks:

Attached are 3 settlement sheets which account for $518.63 in royalty mentioned in your ~~letter~~ Memo of 4/29/60. Please excuse this slip. I have no stenographer today

Hugh M. Connors

From (Name)

Date 5-2-60

Division—Office—Address

Region III

Ext: Room:

U. S. GOVERNMENT PRINTING OFFICE 16—71726-1

SUSQUEHANNA WESTERN, INC
FREMONT MINERALS, INC.
RIVERTON, WYOMING

COPY

SETTLEMENT STATEMENT

COPY

LIQUIDATION NO. 470
DISTRICT Riverton
DATE September 2, 1959

DATE RECEIVED 7/31/59 LOT NO. 852-S SHIPPER'S LOT NO. 1 & 2 A.E.C. LIC. NO. P-3129 CONTRACT NUMBER

RECEIVED OF Lisbon Uranium Corp. CLAIM Jet #8, Modern Mines Unit STATE Wyoming

SHIPPER'S ADDRESS 310 1st. Security Bldg., Salt Lake City, Utah MINE DIST. Unorg. COUNTY Big Horn

TO PROCESS

CBQ 83,002: 82,558 HAULAGE DISTANCE 100+ TO STOCK PILE 8/1/59 Hold Area

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	$CaCO_3$		CONTENT (LBS.) U_3O_8	$CaCO_3$	
852-S	286,310	2.77	278,379	0.13			361.89		
WET TONS	143.155	DRY TONS	139.190						

OME
DEPARTMENT OF THE INTERIOR
MAR 16 1960
REGION III
DENVER, COLORADO

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		361.89	2.10	759.97
PREMIUM: U_3O_8 IN EXCESS OF 4 LB./TON			0.75	
U_3O_8 IN EXCESS OF 10 LB./TON			0.25	
TOTAL U_3O_8 PAYMENT				759.97
PENALTY: [—]				[ ]
TOTAL FOR ORE				759.97
DEVELOPMENT ALLOWANCE		361.89	0.50	180.95
HAULAGE ALLOWANCE	143.155		.06	858.93
TOTAL ALLOWANCES				1,039.88
TOTAL GROSS SETTLEMENT				1,799.85
DEDUCTIONS AND/OR ADJUSTMENTS 10% To Modern Mines Development. Co. (Total for Ore) [—]				[76.00]
NET SETTLEMENT				$1,723.85

COPY

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
	Idm-E 1095		
	Modern Mines Development Co.	$ 76.00	439
	Lisbon Uran. Corp.	1,723.85	438
			9/2
	E1095		

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.
All rates paid are based on U. S. Atomic Energy Commission published schedules.

APPROVED T. J. Vogenthaler

mc
cs SELLER'S COPY

Modern Mines

#82.97

340.15 9-58 3.5M

SUSQUEHANNA WESTERN, INC.
~~FREMONT MINERALS, INC.~~
RIVERTON, WYOMING

COPY

SETTLEMENT STATEMENT

COPY

LIQUIDATION NO. 570
DISTRICT Riverton
DATE 1/13/60

DATE RECEIVED 12/5/59 LOT NO. 1162-S SHIPPER'S LOT NO. 6-7-8-M A.E.C. LIC. NO. P-3129 CONTRACT NUMBER

RECEIVED OF Lisbon Uranium Corp. CLAIM Jet #5 STATE Wyoming

SHIPPER'S ADDRESS 310 - 1st. Security Bldg., Salt Lake, City, Utah MINE DIST. Unorg. COUNTY Big Horn

TO PROCESS

RR Car #82790, 82517, 82354 HAULAGE DISTANCE 100+ TO STOCK PILE 12/31/59

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	$CaCO_3$		CONTENT (LBS.) U_3O_8	$CaCO_3$	
1162-S	361,610	4.02	347,072	0.15			520.61		
WET TONS	180.805	DRY TONS	173.536						

OME
DEPARTMENT OF THE INTERIOR
MAR 16 1960
REGION III
DENVER, COLORADO

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		520.61	2.50	1,301.53
PREMIUM: U_3O_8 IN EXCESS OF 4 LB./TON			0.75	
U_3O_8 IN EXCESS OF 10 LB./TON			0.25	
TOTAL U_3O_8 PAYMENT				1,301.53
PENALTY: [—]				[ ]
TOTAL FOR ORE				1,301.53
DEVELOPMENT ALLOWANCE		520.61	0.50	260.31
HAULAGE ALLOWANCE	180.805		.06	~~1,084.83~~
TOTAL ALLOWANCES				1,345.14
TOTAL GROSS SETTLEMENT				2,646.67
DEDUCTIONS AND/OR ADJUSTMENTS 10% "Total for Ore" to: Modern Mines Development Co. [—]				[- 130.15]
NET SETTLEMENT				$2516.52

Copy

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
	Lisbon Uranium Corp.	$2,516.52	489
	Modern Mines Development Co	130.15	188
	Idm-E 1095		1/13

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.
All rates paid are based on U. S. Atomic Energy Commission published schedules.

APPROVED T. J. Vogenthaler

mc
CS SELLER'S COPY

Modern Mines

#132,33

340.15 9-58 3.5M

SUSQUEHANNA WESTERN, INC.
~~FREMONT MINERALS, INC.~~
RIVERTON, WYOMING

COPY

SETTLEMENT STATEMENT

COPY

LIQUIDATION NO. ~~Mx~~ 571
DISTRICT Riverton
DATE Jan. 13, 1960

DATE RECEIVED 12/5/59 LOT NO. 1160-S SHIPPER'S LOT NO. 3-4-5-M A.E.C. LIC. NO. P-3129 CONTRACT NUMBER

RECEIVED OF Lisbon Uranium Corp. CLAIM Jet #8 STATE Wyoming

SHIPPER'S ADDRESS 310 - 1st. Security Bldg., Salt Lake City, Utah MINE DIST. Unorg. COUNTY Big Horn

RR Car #82256, 82558, 82227 HAULAGE DISTANCE 100+ TO PROCESS 12/21/59 TO STOCK PILE

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	$CaCO_3$		CONTENT (LBS.) U_3O_8	$CaCO_3$	
1160-S	371,910	5.59	351,125	0.32			1,123.60		
WET TONS	185.955	DRY TONS	175.562						

Copy

OME
DEPARTMENT OF THE INTERIOR
MAR 1 3 1960
REGION III
DENVER, COLORADO

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		1,123.60	3.50	3,932.60
PREMIUM: U_3O_8 IN EXCESS OF 4 LB./TON	175.562	X 2.40	0.75	316.01
U_3O_8 IN EXCESS OF 10 LB./TON			0.25	
TOTAL U_3O_8 PAYMENT				4,248.61
PENALTY: [—]				[ ]
TOTAL FOR ORE				4,248.61
DEVELOPMENT ALLOWANCE		1,123.60	0.50	561.80
HAULAGE ALLOWANCE	185.955		.06	~~1,115.73~~
TOTAL ALLOWANCES				1,677.53
TOTAL GROSS SETTLEMENT				5,926.14
DEDUCTIONS AND/OR ADJUSTMENTS 10%"Total for Ore" to: Modern Mines Development Co. [—]				[- 424.86]
NET SETTLEMENT				$5,501.28

Copy

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
	Lisbon Uranium Corp.	$5,501.28	489
	Modern Mines Development Co.	424.86	488
	Idm-E 1095		1/13

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment. All rates paid are based on U. S. Atomic Energy Commission published schedules.

APPROVED T. J. Vogenthaler

md

cs SELLER'S COPY

Modern Mines

296.31

340.15 9-58 3.5M

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

APR 3 - 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED APR 6 1959
4-6 C 220
4-7 Murphy 70e

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, Docket DMEA 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Co. (Jet claims) Big Horn County, Wyo.

Period: March 1959

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.

NONE

Totals:

Past Due Royalties Collected: $585.04 - Payment of bonus royalties due on Liq. Nos. 118, 121, 149, 171, 199 & 200.

Total Dry Tons (Ore or Cons.) Shipped to Date: 1,020.889

J. W. Townsend

jy
cc: Royalty File E 1095 w/settlement sheets
Chron.

Modern Mines Development Co.

[illegible]
[illegible]
[illegible]

[illegible] MOORE, VICE PRESIDENT
507 LAROUN-ARCHERD BUILDING
YAKIMA, WASHINGTON

W. O. [illegible], SECRETARY-TREASURER
300 SOUTH 21ST AVENUE
YAKIMA, WASHINGTON

March 3, 1959

U. S. Department of the Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4564 (Uranium)
Contract No. Idm-$1095, Modern
Mines Development Com[illegible], (Jet
claims) Big Horn County, Wyo.

Gentlemen:

Attached hereto is a check in the amount of $85.04 which is arrived at as follows: No. 639

Lig. No.	Bonus Payment	Bonus Royalty
110	$1,729.74	$ 86.48
121	c 2,342.41	117.12
149	1,659.63	82.98
171	2,393.58	119.68
199	2,422.84	121.14
200	1,152.94	57.64
	$ 11,701.14	$ 585.04

Less: Balance due Modern Mines Development Company, as Government contribution to reported project costs, per Report of Review of reported project costs, dated January 7, 1959 500.00

Balance due $ 85.04

Yours very truly,

John F. Cadigan, C. P. A.
Vice-president, Modern Mines Development Co.

JFC:jdc
Enclosure

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

December 4, 1958

OFFICIAL FILE COPY O. M. E. RECEIVED DEC 9 1958		
DATE	INITIALS	CODE
12/9	C	220
12/9	~~[illegible]~~	~~900~~

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, Docket DMEA 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Co. (Jet claims) Big Horn County, Wyo.

Period: November 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
11-17-58	199	53.249	$175.47	$175.47	$121.14	--
11-17-58	200	28.896	83.71	83.71	57.65	--
Totals:		82.145	$259.18	$259.18	$178.79	--

Past Due Royalties Collected: NONE

Total Dry Tons (Ore or Cons.) Shipped to Date: 1,020.889

J. W. Townsend

HMC:ff
cc: Royalty File E1095 w/settlement sheets
Chron.

[redacted]

FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO. [redacted]
DISTRICT [redacted]
DATE [redacted]

DATE RECEIVED 10/27/58 LOT NO 276-S SHIPPER'S LOT NO. [redacted]

A.E.C. LIC. NO. [redacted] CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 STATE Wyo.

SHIPPERS ADDRESS [redacted]

MINE DIST Cheyenne COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE [redacted] TO PROCESS TO STOCKPILE [redacted]

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	[redacted]	$CaCO_3$	CONTENTS (LBS.) U_3O_8	[redacted]	$CaCO_3$
276-S	61,990	6.77	57,792	0.57		45.56	[redacted]		26329.98
WET TONS	30.995	DRY TONS	28.896						

OFFICIAL FILE COPY
O. M. E.
RECEIVED DEC 9 1958
DATE | INITIALS | CODE
OMIE
DEPARTMENT OF THE INTERIOR
NOV 19 1958
REGION III
DENVER, COLORADO

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		329.41	3.50	1152.94
PREMIUMS: U_3O_8 IN EXCESS OF 4 LB./TON	28.896 x	7.40	0.75	160.37
U_3O_8 IN EXCESS OF 10 LB./TON	28.896 x	1.40	0.25	10.11
TOTAL U_3O_8 PAYMENT				1323.42
PENALTIES: LIME ($CaCO_3$ IN EXCESS OF 6%) [ ]				[ ]
OTHER [ ]				[ ]
TOTAL FOR ORE				1323.42
[redacted]			[redacted]	
DEVELOPMENT ALLOWANCE		329.41	0.50	164.71
HAULAGE ALLOWANCE [redacted] MILES	30.995		0.06	185.97
TOTAL [redacted] ALLOWANCES				350.68
TOTAL GROSS SETTLEMENT				1674.10
DEDUCTIONS: Royalty & RMA Payments [-]				[216.05]
NET SETTLEMENT				$1458.05

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
	Stan & Lew Johnson, Jointly	$ 132.34	246
	RMA	83.71	247
	Modern Mines Development Co.	1458.05	248
			11/37

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment

All rates paid are based upon U. S. Atomic Energy Commission published schedules

District Representative [signature]

Approved

E 1095

[redacted]
FARMER'S UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO. 197
DISTRICT [redacted]
DATE [redacted]

DATE RECEIVED 10/25/58 LOT NO. [redacted] SHIPPER'S LOT NO. 19

A.E.C. LIC. NO. [redacted] CONTRACT NUMBER

RECEIVED OF [redacted]

CLAIM NAME [redacted] STATE [redacted]

SHIPPERS ADDRESS [redacted]

MINE DIST. [redacted] COUNTY [redacted]

TYPE OF ORE

HAULAGE DISTANCE [redacted] TO PROCESS TO STOCKPILE 19 10/25/58

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	[redacted]	$CaCO_3$		OFFICIAL FILE COPY U_3O_8	[redacted]	$CaCO_3$ (LBS.)
[redacted]	[redacted]	6.52	[redacted]	0.65		[redacted]		[redacted]	[redacted]	[redacted]
WET TONS	[redacted]	DRY TONS	[redacted]							

RECEIVED DEC 9 1958
DATE [redacted] CODE [redacted]

OME
DEPARTMENT OF THE INTERIOR
NOV 19 1958
REGION III
DENVER, COLORADO

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		[redacted]	3.50	[redacted]
PREMIUMS: U_3O_8 IN EXCESS OF 4 LB./TON	[redacted]	x [redacted]	0.75	[redacted]
U_3O_8 IN EXCESS OF 10 LB./TON	[redacted]	x [redacted]	0.25	[redacted]
TOTAL U_3O_8 PAYMENT				[redacted]
PENALTIES: LIME ($CaCO_3$ IN EXCESS OF 6%) [-]				[ ]
OTHER [-]				[ ]
TOTAL FOR ORE				[redacted]
[redacted]			[redacted]	
DEVELOPMENT ALLOWANCE		[redacted]	0.50	[redacted]
HAULAGE ALLOWANCE [redacted] MILES	[redacted]		0.06	
TOTAL [redacted] ALLOWANCES				[redacted]
TOTAL GROSS SETTLEMENT				[redacted]
DEDUCTIONS: [redacted] [-]				[ ]
NET SETTLEMENT				[redacted]

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
	[redacted]	[redacted]	[redacted]
			[redacted]

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative [signature]

Approved

E 1095

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

November 7, 1958

11/10 C 220 700

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, Docket DMEA 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Company (Jet claims) Big Horn County, Wyoming

Period: October 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
9/24/58	171	56.056	$173.20	$173.20	$119.67	--
Totals:		56.056	$173.20	$173.20	$119.67	--

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 938.744

J. W. Townsend

HMC:jy
cc: Royalty File E 1095 w/settlement sheets
Chron.

[redacted]
[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO. 173
DISTRICT Riverton
DATE October 6, 1958

DATE RECEIVED 9/24/58 LOT NO 233-8 SHIPPER'S LOT NO. 18

A.E.C. LIC. NO P-377A CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 STATE Wyo.

SHIPPERS ADDRESS 207 Larson-Andrews Bldg. - Yakima, Wash.

MINE DIST Unorganized COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE 100+ TO PROCESS TO STOCKPILE 19 9/24/58

LOT NO.	WET WEIGHT (LBS.)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	[redacted]	$CaCO_3$		CONTENTS (LBS.) U_3O_8	[redacted]	$CaCO_3$	
233-8	117,630	4.69	112,111	0.61		55.12		683.88		61795.58	
WET TONS	58.815	DRY TONS	56.056								

OME
DEPARTMENT OF THE INTERIOR
OCT 10 1958
COLORADO

ITEM		TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE			683.88	3.90	2393.58
PREMIUMS. U_3O_8 IN EXCESS OF 4 LB./TON		56.056	x 8.20	0.75	344.74
U_3O_8 IN EXCESS OF 10 LB./TON		56.056	x 2.20	0.25	30.83
TOTAL U_3O_8 PAYMENT					2769.15
PENALTIES. LIME ($CaCO_3$ IN EXCESS OF 6%)	[ ]				[ ]
OTHER	[ ]				[ ]
TOTAL FOR ORE					2769.15
[redacted]				[redacted]	
DEVELOPMENT ALLOWANCE			683.88	0.50	341.94
HAULAGE ALLOWANCE 100+ MILES		58.815		0.06	352.89
TOTAL [redacted] ALLOWANCES					694.83
TOTAL GROSS SETTLEMENT					3463.98
DEDUCTIONS: Royalty & [redacted] Payments	[ ]				[450.32]
NET SETTLEMENT					[redacted]

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
	Stan & Lee Johnson	$ 276.92	212
	[redacted]	173.20	213
	Modern Mines Development Co.	3013.86	214
	E1095		[redacted]

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.
All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative [signature]

Approved

340.15 5-56 2500

U. S. DEPARTMENT OF THE INTERIOR
Office of Minerals Exploration
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
RECEIVED OCT 9 1958
10/9 C 220
Murphy 70E

Memorandum

To: Chairman, Operating Committee, OME
From: Executive Officer, OME Field Team, Region III
Subject: Royalty Payments, Docket DMEA 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Co. (Jet claims) Big Horn County, Wyo.

Period: September 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
9/8/58	149	57.827	$122.21	$122.21	$82.98	--
Totals:		57.827	$122.21	$122.21	$82.98	--

Past Due Royalties Collected: $494.33 - Royalties on AEC bonus payments covering production listed by Liq. Nos. 77, 91, 96, and 98.

Total Dry Tons (Ore or Cons.) Shipped to Date: 882.688

E. M. Henderson
Acting Executive Officer

HMC:jy
cc: Royalty File E 1095 w/settlement sheets
Chron.

Modern Mines Development Co.

C. V. DIGMAN, PRESIDENT
2302 W. CHESTNUT
YAKIMA, WASHINGTON

JOHN F. CADIGAN, VICE PRESIDENT
207 LARSON-ANDREWS BUILDING
YAKIMA, WASHINGTON

W. S. DOYLE, SECRETARY-TREASURER
219 SOUTH 31ST AVENUE
YAKIMA, WASHINGTON

September 3, 1958

U. S. Department of the Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4564 (Uranium)
Contract No. Km-E1095, Modern
Mines Development Company (Jet
Claims) Big Horn County, Wyo.

Gentlemen:

Attached hereto is a check in the amount of $494.33 which is arrived at as follows:

Lic. No.	Bonus Payment	Bonus Royalty Due
#77	$3,701.60	$185.08
#91	1,748.85	87.44
#96	2,274.72	113.74
#98	2,161.43	108.07
	$9,886.60	$494.33

Yours very truly,

John F. Cadigan

John F. Cadigan, Vice-President

JFC:fdc
Enclosure

DMEA

FARMER
DENVER 3, Colo.

SETTLEMENT STATEMENT

LIQUIDATION NO 149
DISTRICT Riverton
DATE September 8, 1958

DATE RECEIVED 8/25/58 LOT NO. 190-8 SHIPPER'S LOT NO 17

A.E.C LIC. NO. R-3771 CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 STATE Wyo.

SHIPPERS ADDRESS 207 Larson-Andrews Bldg., Yakima, Wash.

MINE DIST. Unorganized COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE 100+ TO PROCESS TO STOCKPILE 19 8/25/58

LOT NO.	WET WEIGHT (LBS)	% H_2O	DRY WEIGHT (LBS.)	SETTLEMENT ASSAYS (%) U_3O_8	[redacted]	$CaCO_3$		CONTENTS (LBS.) U_3O_8	[redacted]	$CaCO_3$	
190-8	121,740	5.00	115,654	0.41		54.55		474.18		63089.26	
WET TONS	60.870	DRY TONS	57.827								

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		474.18	3.50	1659.63
PREMIUMS: U_3O_8 IN EXCESS OF 4 LB./TON	57.827 x	4.30	0.75	182.16
U_3O_8 IN EXCESS OF 10 LB./TON			0.25	
TOTAL U_3O_8 PAYMENT				1841.79
PENALTIES: LIME ($CaCO_3$ IN EXCESS OF 6%) [-]				[ ]
OTHER [-]				[ ]
TOTAL FOR ORE				1841.79
[redacted]			[redacted]	
DEVELOPMENT ALLOWANCE		474.18	0.50	237.09
HAULAGE ALLOWANCE 100+ MILES	60.870		0.06	365.22
TOTAL [redacted] ALLOWANCES				602.31
TOTAL GROSS SETTLEMENT				2444.10
DEDUCTIONS: Royalty & DMEA Payments [-]				[306.39]
NET SETTLEMENT				[redacted]

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO.
	Glen Johnson & Ivar Johnson	[redacted]	[redacted]
	DMEA	[redacted]	[redacted]
	Modern Mines Development Co.	2137.71	[redacted]
			[redacted]

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative Art Runge

Approved T J Wagenthaler

340.15 8-58 2500

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

September 5, 1958

9/8 C 220
" Chron 700
(Murphy)

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA-4564 (Uranium) Contract Idm-E1095, Modern Mines Development Co. (Jet claims) Big Horn County, Wyoming

Period: August 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
8-4-58	118	54.912	$126.56	$126.56	$ 86.49	--
8-4-58	121	64.352	169.96	169.96	117.12	--
Totals:		119.264	$296.52	$296.52	$203.61	--

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 824.861

Alternate Acting Executive Officer

MHM:jy
cc: Royalty File E 1095 w/settlement sheets
Monthly Royalty Payment File
Chron.

FREMONT MINERALS, INC.
[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO. 121
DISTRICT Riverton
DATE August 4, 1958

DATE RECEIVED 7/21/58 | LOT NO 149-B | SHIPPER'S LOT NO 14 | A.E.C. LOT NO P-3771 | CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co. | CLAIM NAME Jet #8 | STATE Wyo.

SHIPPERS ADDRESS 207 Larson - Andrews Bldg. - Yakima, Wash. | NEAREST Unorganized | COUNTY Big Horn

TYPE OF ORE | HAULAGE DISTANCE 100+ | DAYS TO STOCKPILE 19 7/22/58

LOT NO	WET WEIGHT LBS	%	DRY WEIGHT LBS	%	SETTLEMENT AMOUNT	UNITS LBS	AMOUNT
149-B	135,630	5.09	128,703	0.52	53.51	669.26	68868.90

DMEA
DEPARTMENT OF THE INTERIOR
[illegible] 1958
REGION III
DENVER, COLORADO

WET TONS 67.805 | DRY TONS 64.352

ITEM	NO	UNITS	UNIT PRICE	AMOUNT
BASE PRICE		669.26	3.50	2342.41
PREMIUMS U.O.R. INTERESTS [illegible]	64.352 x	6.69	0.75	308.09
U.O.R. INTERESTS OTHER [illegible]	64.352 x	.69	0.25	6.44
TOTAL U.O.R. PAYMENT				2657.74
PENALTIES LIMITED TO U.O.R. INTERESTS				[ ]
OTHER				[ ]
TOTAL FOR ORE				2657.74
[redacted]			[redacted]	
DEVELOPMENT A[illegible]		669.26	0.50	334.63
HAULAGE ALLOWANCE 100+ MILES	64.805		0.36	406.03
TOTAL [redacted] ALLOWANCES				741.66
TOTAL GROSS SETTLEMENT				3399.20
DEDUCTIONS Royalty & DMEA Payments				[435.73]
NET SETTLEMENT				2963.47

[illegible] Johnson & [illegible] Johnson	$ 265.71	154
DMEA	169.96	155
Modern Mines Development Co.	2963.47	156

1095

8/6

FREMONT MINERALS, INC.
[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO. 118
DISTRICT Riverton
DATE August 4, 1958

DATE RECEIVED 7/23/58 | LOT NO 154-8 | SHIPPER'S LOT NO 15 | A.E.C. LIC. NO R-3772 | CONTRACT NUMBER

RECEIVED FROM Modern Mines Development Co.

CLAIM NAME Jet #8 | STATE Wyo.

SHIPPERS ADDRESS 207 Lennon-Andrews Bldg. - Yakima, Wash.

MINE DIST Thermopolis | COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE 100+ | TO PROCESS | TO STOCKPILE 19 7/23/58

LOT NO	WET WEIGHT (LBS)	% H2O	DRY WEIGHT (LBS)	SETTLEMENT ASSAYS U3O8	V2O5	CaCO3	CONTENTS (LBS) U3O8	V2O5	CaCO3
154-8	116,120	5.42	109,825	0.45		53.51	494.21		58767.36

DMEA
DEPARTMENT OF THE INTERIOR
AUG 4 - 1958
REGION III
DENVER, COLORADO

WET TONS 58.060 | DRY TONS 54.912

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		494.21	3.50	1729.74
PREMIUMS U3O8 IN EXCESS OF 0.10 TON	54.912 x	5.00	0.75	205.92
U3O8 IN EXCESS OF 10 LB TON			0.25	
TOTAL U3O8 PAYMENT				1935.66
PENALTIES LIME (CaCO3 IN EXCESS OF 5%) [ ]				[ ]
OTHER [ ]				[ ]
TOTAL FOR ORE				1935.66
VANADIUM			[illegible]	
DEVELOPMENT ALLOWANCE		494.21	0.50	247.11
HAULAGE ALLOWANCE 100+ MILES	58.060		0.06	348.36
TOTAL [illegible] ALLOWANCES				595.47
TOTAL GROSS SETTLEMENT				2531.13
DEDUCTIONS Royalty & DMEA Payments [ ]				[320.13]
NET SETTLEMENT				$2211.00

PAYEE	AMOUNT	CHK NO
Stan & Lee Johnson, Jointly	$ 193.57	149
DMEA	126.56	150
Modern Mines Development Co.	2211.00	151

E 1945

1095

084

NOTE
[illegible] failed to submit his assays prior to acceptance of shipment payment.
[illegible] based upon U.S. Atomic Energy Com[illegible]
[illegible]
Payment [illegible]

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

August 8, 1958

AUG 11 1958

8/11	H.G.	225
"	MH	700

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Co. (Jet claims) Big Horn County, Wyoming

Period: July 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
6/30/58	91	67.524	$130.06	$130.06	$ 87.44	--
7/9/58	96	66.318	165.75	165.75	113.74	--
7/9/58	98	67.126	158.33	158.33	108.07	--
Totals:		200.968	$454.14	$454.14	$309.25	--

Past Due Royalties Collected: $427.94, Royalties on AEC bonus payments, covering production for Liq. Nos. 34, 38, 49, 57, 62, 63 and 64.

Total Dry Tons (Ore or Cons.) Shipped to Date: 705.597

Alternate Acting Executive Officer

MHM:jy
cc: Royalty File E1095 w/settlement sheets
Monthly Royalty Payment File
Chron.

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 10 1958

DATE	INITIALS	CODE
7/10	C	220
~~7-14~~	~~FMM~~	~~700~~

July 7, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket No. DMEA 4564 (Uranium) Contract No. Idm-E1095, Modern Mines Development Co. (Jet Claims) Big Horn County, Wyoming

Period: June 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
6/9/58	77	64.488	$267.32	$267.32	$185.08	----
Totals:		64.488	$267.32	$267.32	$185.08	----

Past Due Royalties Collected: none

Total Dry Tons (Ore or Cons.) Shipped to Date: 504.629

Alternate Acting Executive Officer

MHM:dp
cc: Royalty File E 1095 w/settlement sheets
Monthly Royalty Payment File
Chron.

[illegible] INC.
[illegible] UNION [illegible] LING
[illegible] COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO 77
DISTRICT Riverton
DATE June 9, 1958

5/24/58 LOT NO 62-8 SHIPPER'S LOT NO

AEC LIC NO P-377A CONTRACT NUMBER

Motorn Mines Development Co.

CLAIM NAME Jet #8 STATE Wyo.

207 Larson-Andrews Bldg. - Yakima, Wash.

MINE DIST Unorganized COUNTY Big Horn

HAULAGE DISTANCE 100+ TO PROCESS TO STOCKPILE 19 5/24/58

	WET WEIGHT (LBS)	% H2O	DRY WEIGHT (LBS)	SETTLEMENT ASSAYS (%) U3O8	V2O5	CaCO3	CONTENTS (LBS) U3O8	V2O5	CaCO3
62-8	137,190	6.33	128,975	0.82		51.01	1057.60		65790.15

WET TONS 68.[illegible] DRY TONS 64.488

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
Base Price		1057.60	3.50	3701.60
[illegible]	64.488	12.40	0.75	599.74
[illegible]	64.488	6.40	0.25	103.18
[illegible]				4404.52
[illegible]				[ ]
[illegible]				[ ]
[illegible]				4404.52
MANAGEMENT:				
Development Allowance			[illegible]	
Haulage Allowance 100+ MILES	68.845	1057.60	0.50	528.80
			0.06	413.07
TOTAL VARIOUS ALLOWANCES				941.87
TOTAL GROSS SETTLEMENT				5346.39
DEDUCTIONS Royalty & RMA Payments	[ ]			[707.77]
NET SETTLEMENT				$4638.62

DISTRIBUTION

PAYEE	AMOUNT	CHK NO
Geo & Leo Johnson, Indivdly	$ 440.45	99
RMA	267.12	[illegible]
Motorn Mines Development Co.	4000.42	101
E1045		
[illegible]		[illegible]

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment

All rates paid are based upon U S Atomic Energy Commission published schedules

District Representative [illegible]

FILE COPY
DMEA
JUN 9 1958
6/9 C 220
Monthly 700

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

June 5, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket No. DMEA 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Co., (Jet claims) Big Horn County, Wyoming

Period: May 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
5/5/58	49	51.608	$62.47	$62.47	$39.74	--
5/16/58	57	62.282	69.40	69.40	43.60	--
5/26/58	62	53.450	139.05	139.05	95.41	--
5/26/58	63	66.032	152.70	152.70	104.00	--
5/26/58	64	52.664	126.52	126.52	86.63	--
Totals:		286.036	$550.14	$550.14	$369.38	--

Past Due Royalties Collected: None

Total Dry Tons (Ore or Cons.) Shipped to Date: 440.141

Alternate Acting Executive Officer

Chron
cc: Royalty File E 1095 w/settlement sheets
Monthly Royalty Payment File
hmh

[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO. 49
DISTRICT Riverton
DATE May 5, 1958

DATE RECEIVED 4/22/58 LOT NO 53-S SHIPPER'S LOT NO.

A.E.C. LIC. NO R-3771 CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.
SHIPPERS ADDRESS 207 Larson-Andrews Building, Yakima, Washington

CLAIM NAME Jet #8 STATE Wyo.

MINE DIST. Unorganized COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE 100+ TO PROCESS / TO STOCKPILE 19 4/22/58

LOT NO	WET WEIGHT (LBS)	% H_2O	DRY WEIGHT (LBS)	SETTLEMENT ASSAYS (%) U_3O_8	V_2O_5	$CaCO_3$	CONTENTS (LBS) U_3O_8	V_2O_5	$CaCO_3$	
53-S	108,510	4.88	103,217	0.22		49.96	227.08		51567.21	

WET TONS 54.255 DRY TONS 51.608

ITEM		TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE			227.08	3.50	794.78
PREMIUMS U_3O_8 IN EXCESS OF 0.10 LB/TON		51.608 x	.40	0.75	15.48
U_3O_8 IN EXCESS OF 10 LB/TON				0.25	
TOTAL U_3O_8 PAYMENT					810.26
PENALTIES LIME ($CaCO_3$ IN EXCESS OF 6%)	[ ]				[ ]
OTHER	[ ]				[ ]
TOTAL FOR ORE					810.26
[redacted]				[redacted]	
DEVELOPMENT ALLOWANCE			227.08	0.50	113.54
HAULAGE ALLOWANCE 100+ MILES		54.255		0.06	325.53
TOTAL [redacted] ALLOWANCES					439.07
TOTAL GROSS SETTLEMENT					1249.33
DEDUCTIONS Royalty & DMEA Payments	[ ]				[143.50]
NET SETTLEMENT					$1105.83

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO
	Stan Johnson & Lew Johnson	$ 81.03	61
	DMEA	62.47	62
	Modern Mines Development Co.	1105.83	63
			555

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative Chas Runge

Approved T J Vogenthaler

340.15 5-56 2500

1095

FREMONT MINERALS, INC.
[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO 57
DISTRICT Riverton
DATE May 16, 1958

DATE RECEIVED 4/28/58 | LOT NO 58-8 | SHIPPER'S LOT NO

A E C LIC NO P-3771 | CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 | STATE Wyo.

SHIPPERS ADDRESS 207 Larson-Andrews Bldg.-Yakima, Washington

MINE DIST Unorganized | COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE 100+ | TO PROCESS | TO STOCKPILE 19 4/28/58

LOT NO	WET WEIGHT (LBS)	% H_2O	DRY WEIGHT (LBS)	SETTLEMENT ASSAYS (%) U_3O_8	V_2O_5	$CaCO_3$	CONTENTS (LBS) U_3O_8	V_2O_5	$CaCO_3$
58-8	130.500	4.55	124.565	0.20		50.18	249.13		62506.72

DMEA
DEPARTMENT OF THE INTERIOR
MAY 1958
REGION III
DENVER COLORADO

WET TONS 65.250 | DRY TONS 62.282

ITEM		TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE			249.13	3.50	871.96
PREMIUMS U_3O_8 IN EXCESS OF 0.4 LB/TON				0.75	
U_3O_8 IN EXCESS OF 10 LB/TON				0.25	
TOTAL U_3O_8 PAYMENT					871.96
PENALTIES LIME ($CaCO_3$ IN EXCESS OF 6%)	[ ]				[ ]
OTHER	[ ]				[ ]
TOTAL FOR ORE					871.96
[redacted]				[redacted]	
DEVELOPMENT ALLOWANCE			249.13	0.50	124.57
HAULAGE ALLOWANCE 100+ MILES		65.250		0.06	[redacted]
TOTAL [redacted] ALLOWANCES					124.57
TOTAL GROSS SETTLEMENT					[redacted]
DEDUCTIONS: [redacted]	[-]				[redacted]
NET SETTLEMENT					[redacted]

DISTRIBUTION

%	PAYEE	AMOUNT	CHK. NO
5	[redacted]	[redacted]	[redacted]

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative [signature]

Approved [signature]

E1095

FREMONT MINERALS, INC.
[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO 62
DISTRICT Riverton
DATE May 26, 1958

DATE RECEIVED 5/10/58 LOT NO 65-8 SHIPPER'S REF NO P-3771 CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 STATE Wyo.

SHIPPERS ADDRESS 207 Larson-Andrews Bldg.-Yakima, Wash. DIST Shoreanised COUNTY Big Horn

TYPE ORE HAULAGE DISTANCE 100+ TO PROCESS TO STOCKPILE 19 5/10/58

LOT NO	WET WEIGHT (LBS)				SETTLEMENT ASSAY	CONTENTS (LBS)		
65-8	116.310	8.09	106.901	0.51	49.97	545.20	53418.43	
WET TONS	58.155		53.450					

DMEA
DEPARTMENT OF THE INTERIOR
MAY 1958
REGION III
DENVER COLORADO

ITEM	TONS		POUNDS	UNIT PRICE	AMOUNT
BASE PRICE			545.20	3.50	1906.20
PREMIUM	53.450	x	4.20	0.75	248.54
	53.450	x	.20	0.25	2.67
					2159.41
PENALTIES					
TOTAL FOR ORE					2159.41
~~VANADIUM~~					
DEVELOPMENT ALLOWANCE			545.20	0.50	272.60
HAULAGE ALLOWANCE 100+ MILES	58.155			0.06	348.93
TOTAL VEGETAL ALLOWANCES					621.53
TOTAL GROSS SETTLEMENT					2780.94
DEDUCTIONS Royalty & DMEA Payments					354.99
NET SETTLEMENT					2425.95

%	PAYEE	AMOUNT	CHK NO
	Johnson & Johnson, Jointly	$ 215.94	78
	DMEA	139.05	79
	Modern Mines Development Co.	2425.95	80
			5/26

NOTE
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative [signature]

Approved

340.15 5-56 2500

PRESCOTT MINERALS, INC.
[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

FOUNDATION NO. 63
DISTRICT Riverton
DATE May 26, 1958

DATE RECEIVED 5/13/58 LOT NO. 67-9 SHIPPER'S LOT NO.

A.E.C. LIC. NO. P-3771 CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 STATE Wyo.

SHIPPERS ADDRESS 207 Larson-Andrews Bldg. - Yakima, Wash.

MINE DIST. Unorganized COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE 100+ TO PROCESS / TO STOCKPILE 19 5/13/58

LOT NO.	WET WEIGHT LBS	%	DRY WEIGHT LBS	SETTLEMENT ASSAYS % U3O8	VALUE	CONTENTS U3O8	LBS CONTENTS	
67-9	143,080	7.70	132,063	0.45	50.38	594.28	66533.34	

DMEA
DEPARTMENT OF THE INTERIOR

WET TONS	71.540	66.032		

REGION III
[illegible]

BA[illegible]			594.28	3.50		2079.98
P[illegible]		66.032	5.30	0.75		247.62
				0.25		
						2327.60
PENA[illegible]						
						2327.60
VANADIUM						
DEVELOPMENT ALLOWANCE			594.28	0.50		297.14
HAULAGE ALLOWANCE	100+ MILES	71.540		0.06		429.24
TOTAL VANADIUM ALLOWANCES						726.38
TOTAL GROSS SETTLEMENT						3053.98
DEDUCTIONS Royalty & DMEA Payments						385.46
NET SETTLEMENT						$2668.52

No.	PAYEE	AMOUNT	CHK NO
	Johnson & Johnson, Jointly	$ 232.76	81
	DMEA	152.70	82
	Modern Mines Development Co.	2668.52	83
	E1045		5/26

NOTE
Buyer's assays [illegible] seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative [signature]

Approved

340.15 5-56 2500

MINES DEVELOPMENT, INC.
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

DEDUCTION NO. 64
DISTRICT Riverton
DATE May 26, 1958

DATE RECEIVED 5/13/58 | LOT NO. 68-8 | SHIPPER'S LOT NO.

A.E.C. CONTRACT NO. P-3771 | CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 | STATE Wyo.

SHIPPERS ADDRESS 207 Larson-Andrews Bldg. - Yakima, Wash.

MINE DIST. Unorganized | COUNTY Big Horn

TYPE ORE

HAULAGE DISTANCE 100+ | IN PROCESS TO STOCKPILE 19 5/13/58

LOT NO.	WET WEIGHT LBS.	DRY WEIGHT LBS.	SETTLEMENT ASSAYS %		CONTENTS LBS.	
			V2O5	U3O8	V2O5	U3O8
68-8	112,330	6.23	105,328	0.47	51.01	495.04	53727.41
WET TONS	56.165	DRY TONS	52.664			

DMEA
DEPARTMENT OF THE INTERIOR
MAY 26 1958
REGION III
DENVER, COLORADO

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		495.04	3.50	1732.64
PREMIUM	52.664 x	5.40	0.75	213.29
			0.25	
TOTAL PAYMENT				1945.93
				1945.93
VANADIUM				
		495.04	0.50	247.52
10%	52.664		0.06	336.99
TOTAL VANADIUM				584.51
GROSS SETTLEMENT				2530.44
Royalty & DMEA Payments				321.11
NET SETTLEMENT				$2209.33

PAYEE	AMOUNT	REF. NO.
Johnson & Johnson, Jointly	$ 194.59	84
DMEA	126.52	85
Modern Mines Development Co.	2209.33	86
		5/26

C 1095

All assays are subject to adjustment by assays prior to the expiration of [illegible] of payment.

All [illegible] Atomic Energy Commission [illegible] Schedules

District Representative

Approved

P. 340-15 5-56

OFFICIAL FILE COPY
DMEA
RECEIVED MAY 13 1958

DATE	INITIALS	CODE
5/13	C	220
		700

U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

May 7, 1958

Memorandum

To: Chairman, Operating Committee, DMEA
From: Executive Officer, DMEA Field Team, Region III
Subject: Royalty Payments, Docket DMEA-4564 (Uranium) Contract Idm-E1095, Modern Mines Development Co. (Jet claims) Big Horn County, Wyo.

Period: April 1958

Enclosed are settlement sheets for which royalty payments were received for ore or concentrates shipped from the subject property during the above month:

Date	Liq. No.	Dry Tons	Royalty Due	Royalty Paid	Bonus Roy. Due	Bonus Roy. Pd.
4/21/58	34	101.840	$73.83	$73.83	$32.79	--
4/21/58	38	52.265	47.03	47.03	25.77	--
Totals:		154.105	$120.86	$120.86	$58.56	--

Past Due Royalties Collected:

Total Dry Tons (Ore or Cons.) Shipped to Date: 154.105

E. M. Hawkins
Acting Executive Officer

MHM:jy
cc: Royalty File E 1095 w/settlement sheets
Monthly Royalty Payment File
Chron.

FREMONT MINERALS, INC.
[redacted]
FARMERS UNION BUILDING
DENVER 3 COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO 36
DISTRICT Riverton
DATE April 21, 1958

DATE RECEIVED 3/27/58 LOT NO 36-3 SHIPPER'S LOT NO

A.E.C. LIC. NO R-2771 CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.
SHIPPERS ADDRESS c/o M. S. Doyle
219 S. 21st Ave. - Yakima, Washington

CLAIM NAME Jet #8 STATE Wyo.
MINE DIST Unorganized COUNTY Big Horn
HAULAGE DISTANCE 100+ TO PROCESS TO STOCKPILE 19 3/27/58

TYPE ORE

LOT NO	WET WEIGHT (LBS)	% H2O	DRY WEIGHT (LBS)	SETTLEMENT ASSAYS % U3O8	% CaCO3	CONTENTS (LBS) U3O8	CaCO3
36-3	226.080	9.91	203.679	0.14	49.97	285.15	101778.48

TONS 113.040 101.846

	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		285.15	2.30	655.85
[illegible]			0.75	
[illegible]			0.25	
TOTAL [illegible] PAYMENT				655.85
PENALTIES [illegible]				[ ]
OTHER				[ ]
TOTAL FOR ORE				655.85
[redacted]			[redacted]	
DEVELOPMENT ALLOWANCE		285.15	0.50	142.58
HAULAGE ALLOWANCE 100+ MILES	113.040		0.06	678.24
TOTAL [redacted] ALLOWANCES				820.82
TOTAL GROSS SETTLEMENT				1476.67
DEDUCTIONS:				[ ]
NET SETTLEMENT				1476.67

DISTRIBUTION

PAYEE	AMOUNT	CHK NO
Stan Johnson & Lew Johnson, Jointly	$65.59	43
DMEA	73.83	44
Modern Mines Development Co.	1337.25	45
	E1045	

NOTE:
Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative [signature]

Approved T. J. Vogenthaler

340.15 5-56 2500

FREMONT MINERALS, INC.
[redacted]
FARMERS UNION BUILDING
DENVER 3, COLORADO

SETTLEMENT STATEMENT

LIQUIDATION NO 38
DISTRICT Riverton
DATE April 21, 1958

DATE RECEIVED 4/3/58 LOT NO 40-3 SHIPPER'S LOT NO.

AEC LIC NO P-3771 CONTRACT NUMBER

RECEIVED OF Modern Mines Development Co.

CLAIM NAME Jet #8 STATE Wyo.

SHIPPERS ADDRESS 207 Larson-Andrews Bldg. - Yakima, Wash.

MINE DIST Unorganized COUNTY Big Horn

TYPE OF ORE

HAULAGE DISTANCE 100+ TO PROCESS TO STOCKPILE 19 4/3/58

LOT NO	WET WEIGHT (LBS)	% H_2O	DRY WEIGHT (LBS)	SETTLEMENT ASSAYS (%) U_3O_8	V_2O_5	$CaCO_3$	CONTENTS (LBS) U_3O_8	V_2O_5	$CaCO_3$
40-3	112,130	6.78	104,530	0.17		46.22	177.70		8313.77
WET TONS	56.065	DRY TONS	52.265						

DMEA
DEPARTMENT OF THE INTERIOR
APR 2 - 1958
REGION III
DENVER, COLORADO

ITEM	TONS	POUNDS	UNIT PRICE	AMOUNT
BASE PRICE		177.70	2.90	515.33
PREMIUMS U_3O_8 IN EXCESS OF 4 LB/TON			0.75	
U_3O_8 IN EXCESS OF 10 LB./TON			0.25	
TOTAL U_3O_8 PAYMENT				515.33
PENALTIES: LIME ($CaCO_3$ IN EXCESS OF 6%) [ ]				[ ]
OTHER [ ]				[ ]
TOTAL FOR ORE				515.33
[redacted]			[redacted]	
DEVELOPMENT ALLOWANCE		177.70	0.50	88.85
HAULAGE ALLOWANCE 100+ MILES	56.065		0.06	336.39
TOTAL [redacted] ALLOWANCES				425.24
TOTAL GROSS SETTLEMENT				940.57
DEDUCTIONS: [-]				[ ]
NET SETTLEMENT				940.57

DISTRIBUTION

%	PAYEE	AMOUNT	CHK NO
	Stan Johnson & Lee Johnson, Jointly	351.53	46
	DMEA	47.03	47
	Modern Mines Development Co.	542.01	49

NOTE

Buyer's assays govern if seller fails to submit his assays prior to acceptance of settlement payment.

All rates paid are based upon U. S. Atomic Energy Commission published schedules.

District Representative [signature]

Approved

DE 340 15 5 56 2500

E1095

FINAL DISTRIBUTION
MADE NOV 6 1957

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
[redacted]
Administrative Audit Difference Statement

[redacted]

Date: [redacted]
Payee's
Reference: [redacted]

DMEA-4564

[redacted]

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

Amount Claimed $ [redacted]

Difference $ [redacted]

Amount Approved $ [redacted]

The reason for the difference was due to:

[redacted]

[redacted]

[redacted]

[redacted]

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

EXTRA COPY
DMEA
RECEIVED NOV 8 1957

DATE	INITIALS	CODE
11/8	[illegible]	100
11-8	[illegible]	900
	R-III-B-&-F Form No. 4	
	4-15-52 D	

Very sincerely yours,

N. E. Stokes
Audit Section

224 New Customhouse
Denver 2, Colorado
November 5, 1957

Memorandum

To: T. A. Christenson

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

Subject: DMEA Docket 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Company, (Jet claims) Big Horn County, Wyoming - Operator's Monthly Progress Report for the month of August, 1957

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

The work is being performed partly under independent subcontract, and partly at fixed unit costs. The drilling rates are as low or lower than the rates contained in the lowest and best bid submitted with the application. Under the circumstances, the rates for the work performed under independent subcontract are considered to be reasonable.

Except as otherwise indicated below, we consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. Payment is recommended on the following basis contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Disallowance, Excess Drilling Costs

The reported drilling cost for August, 1957, is in excess of the actual invoice cost of drilling. The excess above the actual invoice cost is to be disallowed as follows

Reported drilling cost, 1223 feet at $2.25 per foot----------	$2,751.75
Actual (invoice) cost, 1223 feet at total cost of----------	2,715.70
Excess cost to be disallowed----------	$ 36.05

Withhold an amount of $500.00, pending resumption of work under the the contract. Operations were suspended during the last half of August, 1957, and the Operator has requested that the project work be recessed until June 1, 1958.

Reconciliation with Amount Reported by the Operator on Form MF-104 for August, 1957

Amount reported on Form MF-104 for August, 1957	$2,996.35
Amount to be disallowed	36.05
Total acceptable cost for August, 1957	2,960.30
Government participation at 75 percent	2,220.22
Amount to be withheld	500.00
Balance due the Operator	$1,720.22

Remarks:

Date of Report ---------- September 5, 1957
Date Received in Field Office ---------- September 9, 1957
Date Received in Region Office ---------- November 1, 1957
Reason for delay: Held pending receipt of corrected map showing fracture pattern and drill hole locations.

Original signed by
E. N. HARSHMAN
E. N. Harshman

Enclosures

JDC:hmh

cc: Chmn. Op. Comm. (2))
DMRA, DFC)w/complete report
MF-104 file, Reg.III)
Harshman) w/copy of
Townsend) Engr's report
Chron

DMEA
DEPARTMENT OF THE INTERIOR
NOV 1 - 1957
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
November 1, 1957

Memorandum

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

From: E. O. Binyon

Subject: Docket DMEA 4564 (Uranium) Contract Idm-E1095, Modern Mines Development Company (Jet claims) Big Horn County, Wyoming -- Progress report for August 1957

An inspection of the work completed during the subject period was made September 5, 1957. At the time of the inspection the operator was again requested to submit a map showing the fracture pattern, major topographic features, DMEA and company drilled holes in their true relation to each claim and property boundaries. A claim map with the current DMEA holes had been submitted with the previous reports as well as the subject report. The map with the geologic, topographic and hole data was received October 7, 1957.

In checking the MF-104 and MF-104A forms and the drilling contractor's invoice, it was found that the operator has again used $2.25 per foot for calculating the amount he claims for drilling, whereas the actual cost as invoiced amounts to $2.2205 per foot or $2,715.70 for the total footage of 1223 feet drilled. The correct amount chargeable to drilling is $2,715.70 and the total amount claimed should be $2,996.35 - $36.05 or $2,960.30.

The drilling was done in conformance with the terms of the contract and the holes as shown on the map are located approximately in their proper location relative to the fracture pattern and to the locations designated in the contract. Documentation of the drilling accompanies the report.

It is recommended that the operator be paid $2,220.22 or the Government's share at 75% of $2,960.30, the total claimed less $36.05, the total amount disallowed. As the operator has requested a recess of the drilling, it is further recommended that $500.00 be withheld pending resumption of work or receipt of a final report.

E. O. Binyon
E. O. Binyon
Mining Engineer

EOB/mm
cc: 6

Idm-E1095 chron

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

DMEA
DEPARTMENT OF THE INTERIOR
SEP 9 - 1957
REGION III
DENVER, COLORADO

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May, 1957 Docket No. DMEA 4564 Contract No. Dom E 1095
Operator's Name Modern Mines Development Co. Minerals Uranium
Address 219 So. 31st Ave Yakima Wash
Contract Amount, $ 40,870.00 Government Participation: 75 % Amount, $ 30,652.50

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Contracts: Short Form						
Drilling Non Core	2751.75	6147.00	8898.75			
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):						
Incidental Allowance	244.60	546.40	791.00			
Standby Time	None	120.00	120.00			
Totals	2996.35	6813.40	9809.75	2960.30	6,813.40	9,773.70
				1/-	888.50	888.50
					5,924.90	8885.20
					$1,720.23	

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Sept 5.57 *Payee Modern Mines Dev. Co
Per W S Doyle Title Sec Treas.

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

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

(Instructions on reverse)

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

Signature
(Authorized Certifying Officer)

Date 11/6/57 Vou. No.
(See other side)

Non Allowed 300
1/- Previous Disallowance

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 1dm E 1095 in accordance with the terms of the contract.

Signature E. O. Bruyn (H 2220.23) Title Mining Engineer Date Oct. 15, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature E. W. Hawkins Title acting Executive Officer Date NOV 5 1957

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 872893

Form MF-104A
(April 1962)

Budget Bureau No. 42-R1151.2

DMEA
ARTMENT OF THE INTERIOR
SEP 9 - 1957
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Aug 1957 Docket No. DMEA 4564 Contract No. Idm E 1095
Operator's Name Modern Mines Development Co. Minerals Uranium
Address 249 So 31st Ave Yakima Wash

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 Standby Time	hr	None	None	120.00	12	10.00	30	10.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core Non Core	Ft	2751.75	1223	8898.75	3955	2.25	16200	2.25
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Incidental Allowance	Ft	244.60	1223	791.00	3955	.20	16200	.20
Total Distributed Costs		2996.35		9809.75				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2996.35		9809.75				40,870.00

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

Date Sept 5-57 Operator Modern Mines Dev. Co
Per W S Doyle Title Sec Treas.

Remarks:

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

(Instructions on reverse)

(For Government use only)

Ed Bunyon

INSTRUCTIONS

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

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

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

GPO 872894

DMEA
ARTMENT OF THE INTERIOR
SEP 9 - 1957
REGION III
DENVER, COLORADO

August 31. 1957

Mr. W. H. King, Executive Officer
DMEA Field Team, Region III
224 New Customhouse
Denver2, Colorado

Re: Docket No. DMEA 4564 (uranium)
Contract No. Idm E-1095
Modern Mines Development Co.
(Jet Claims)
Big Horn County, Wyoming

Dear Mr. King:

Kindly accept this letter as the narrative portion of the monthly progress report concerning the exploration drilling conducted during the period August 1 through August 31, 1957 under the above referenced DMEA contract.

A total of eight holes were completed under the contract for an aggregate footage of 1,223 feet. All of the holes were located on Jet claims 7 and 8 and were drilled to such depths calculated necessary to pass completely through the possible ore bearing horizon, in this case the Mission Canyon member of the Madison limestone formation. The precise location of the several holes is graphically shown on the attached map of the Jet claims. Such locations coincide as nearly as possible with the locations as shown on Figure 1, " Map of Jet Claims Showing Revised Exploration, Modern Mines Development Compnay", dated August 1957.

The eight above mentioned drill holes were numbered DJ8-4, DJ8-8, DJ8-9, DJ8-10, DJ8-11, DJ7-8, DJ7-9, and DJ7-10 and were in essence barren holes as is indicated by the attached hole logs and drill probe records. With only minor exceptions, all of the holes penetrated solid, unbroken limestone for their entire depth.

Very Truly Yours,

Leonard Jarrard

Leonard D. Jarrard
Geologist

September 3, 1957

Modern Mines Development Co.
219 South 31st Avenue
Yakima, Washington

Gentlemen:

Following is statement of account for footage drilled
DMEA Holes

HOLE NUMBER	FOOTAGE	AMOUNT
DJ 7-9	136 feet	$ 300 30
DJ 7-8	133	293 40
DJ 8-4	173	386 55
DJ 7-10	151	334 85
DJ 8-9	152	337 20
DJ 8-8	166	370 10
DJ 8-10	160	356 10
DJ 8-11	152	337 20
TOTAL	1223 feet	$2,715 70

THIS IS TO CERTIFY that the above footage account is a true and correct statement of holes drilled by us for Modern Mines Development Co. (DMEA ACCT.) for period August 1st through August 31, 1957 on their JET Claims on Little Mountain, Big Horn County, Wyoming.

MOUNTAIN STATES MINING CO.

By: A. M. McClaine
President

MODERN MINES DEV. Co.
DMEA CONTRACT No. John E 1095

DJ 8-11

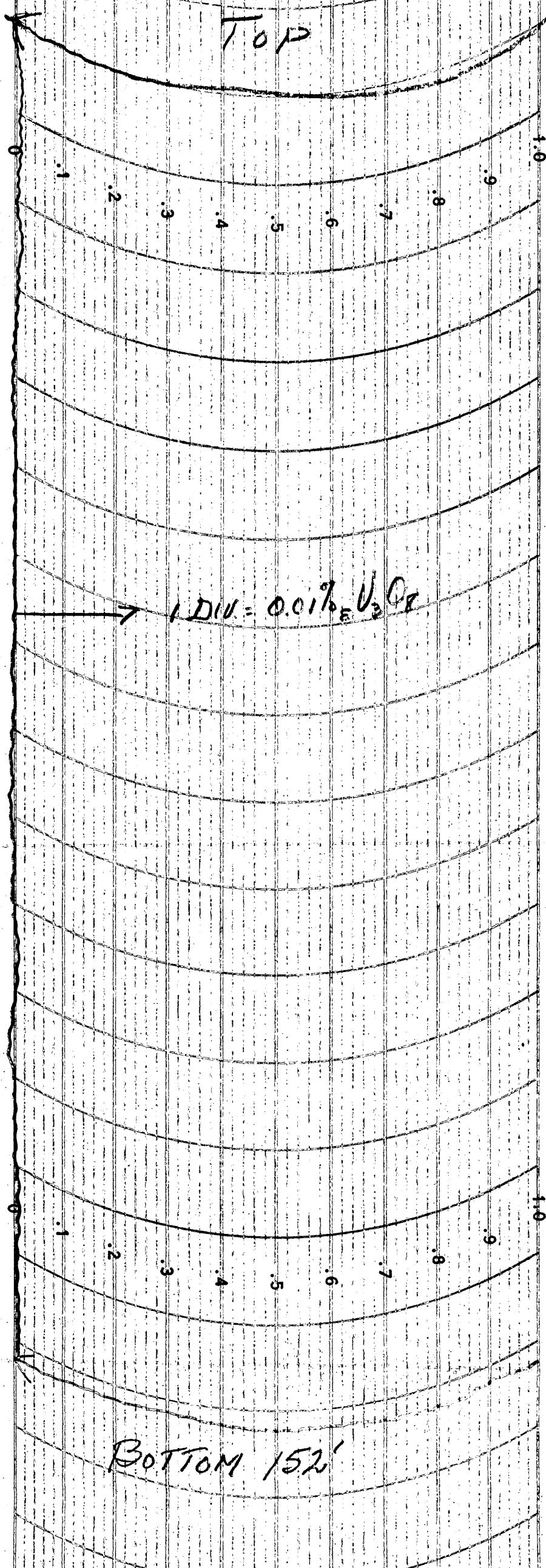
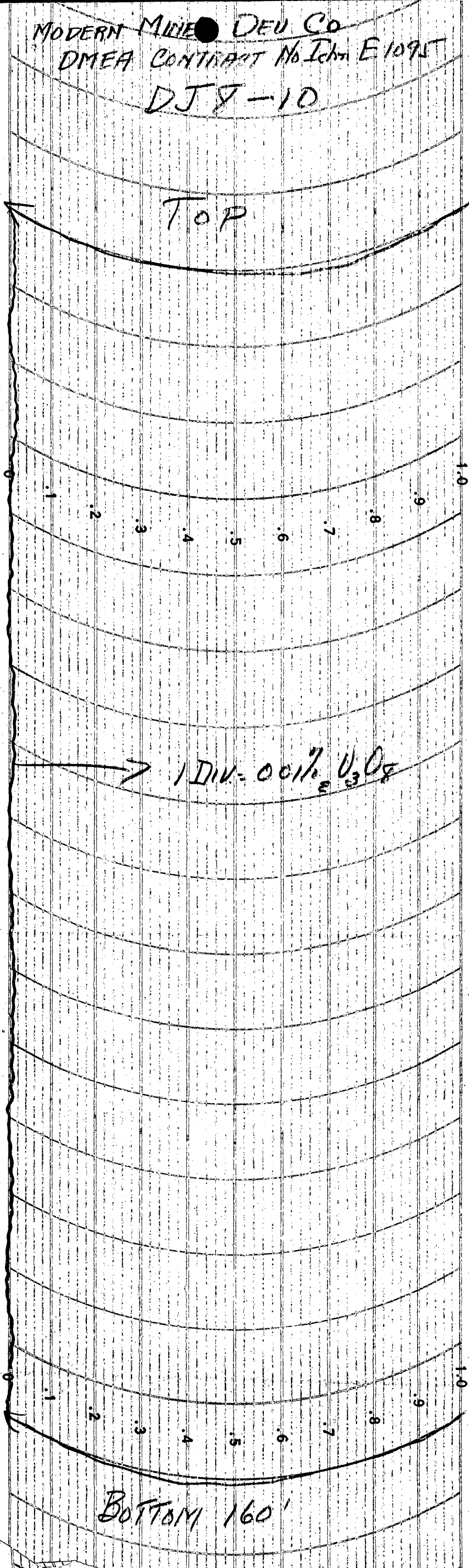


CHART No. 4305-X

MADE IN U.S.A.

MODERN MINE DEV CO
DMEA CONTRACT No Tchn E 1095T
DJ 8-10



MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

MODERN MINES DEV CO
DIVER CONTRACT No Idm E 1095

UT 8-4
TOP

1 DIV = 0.01 = U3O8

0 .1 .2 .3 .4 .5 .6 .7 .8 .9 1.0

BOTTOM 152'

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

MODERN MINES DEVELOPMENT Co
DMEA CONTRACT No Idm E 1095

5

DJ 8-8
TOP OF HOLE

4

1 Div. = 0.01% eU3O8

BOTTOM OF HOLE 166'

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART No. 4300-D

MODERN MINES DEV CO.
OMEA CONTRACT No Idm E1095

DJ 8-4

1

1 DIV. = .001% U_3O_8

Noon

BOTTOM 173'

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

MODERN MINES DEVELOPMENT CO
DMEA CONTRACT No Tom E109

DJ 7-10

7 TOP OF HOLE

6 → 1 DIN = 0.01% U_3O_8

BOTTOM OF HOLE 151'

THE STERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

MODERN MINES DEVELOPMENT CO
DMEA CONTRACT No Idn E 1095

DJ 1-9

TOP OF HOLE

3

1 DIV. = 0.01% U_3O_8

2

BOTTOM OF HOLE 136'

MODERN MINES DEV CO
DMEA CONTRACT No IdmE1095
D.J 7-8

Top

10

1 DIV = 0.01% U_3O_8

Bottom 133'

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART No. 4300-D

9

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #8 Hole No. DJ8-11 Hole Location 35'W, 325'N OF SE COR JET 8
Hole Size 4 1/4" ROT. Total Depth 152' Collar Elev. ≈ TOP OF MAD.
Drilled By O. THOMAS Logged By L.D.J. Date 8-9-57 to 8-9-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RETURN	NO ABNORMAL RAD.	OVERBURDEN	
20				SOFT WHITE TO YELLOW TO PINK MAD. LIMESTONE	
40					
60					
80				MEDIUM TO HARD, WHITE MADISON LIMESTONE	
100					
120					
140				SOFT YELLOW SOL. BRECCIA	
152				MED. HARD RED BEDS.	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM # Hole No. DJ 8-10 Hole Location 50' W, 125' N OF SE COR. JET 8

Hole Size 4 1/4" ROT. Total Depth 160' Collar Elev. ≈ TOP OF MAD.

Drilled By O. THOMAS Logged By W. WOLTERS Date 8-9-57 to 8-9-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				OVERBURDEN	
20		100% COTTINGS RETURN	NO ABNORMAL RAD.	MED. SOFT TO HARD WHITE MAD. LIMESTONE	
40					
60					
80					
100					1" CHERT @ 97'
120					
140					ROUGH 135'-140' ROUGH 145'-150'
160					

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #8 Hole No. DJ8-9 Hole Location 125'E, 230'S OF NW COR JET 8

Hole Size 4'/4" ROT. Total Depth 152' Collar Elev. ±10' BELOW TOP OF MAD.

Drilled By O. THOMAS Logged By W. WOLTERS Date 8-5-57 to 8-6-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				OVERBURDEN	
20		100% CUTTINGS RET.	NO ABNORMAL RAD.		CEMENTED HOLE @ 20'
40					
60				MEDIUM SOFT TO HARD WHITE MADISON LIMESTONE	
80					
100					
120					ROUGH 117'-118', 121'-123'
140					SOFT RED 128'-130'
152					YELLOW 150'-151'

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #8 Hole No. DJ8-8 Hole Location 125' E, 250' N OF CENT. W SIDE JET 8.
Hole Size 4 1/4" ROT. Total Depth 166' Collar Elev. ± 4' BELOW TOP OF MAD.
Drilled By O. THOMAS Logged By W. WOLTERS Date 8-6-57 to 8-7-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
	44'			OVERBURDEN	
20		100% CUTTINGS RET			
40				MED TO HARD WHITE MADISON LIMESTONE	
60			NO ABNORMAL RAD		PINK 71'-72'
80					
100	AIR	NO CUT RET			8" AIR @ 98' NO AIR, 98-110'
120		100% CUT RET		SOFT TO HARD WHITE TO YELLOW MADISON LIME	+++ SOFT REP 135'-138'
140	AIR				12" AIR 149'-150'
160					
166					

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #8 Hole No. DJ8-4 Hole Location 140'W, 140'S. NE COR JET 8
Hole Size 4 1/4" ROT Total Depth 173' Collar Elev. ≠ TOP OF MAD.
Drilled By O. THOMAS Logged By W. WOLTERS Date 8-3-57 to 8-5-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				OVERBURDEN	
					1" CHERT @ 15'
20					
					PINK 28'-30'
40					
					DAMP 35'-40'
60					SOFT 61'-62'
		100% CUTTINGS RET 0'-137' 142'-173	NO ABNORMAL RAD.	MEDIUM TO HARD, MAINLY WHITE MADISON LIMESTONE	
80					1" CHERT 85'
100					
120					
					LOST AIR @ 137' AIR RET @ 142'
140					
					YELLOW 156'-159' " 161'-164'
160					
173					MOIST @ 173'

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #7 Hole No. DJ7-10 Hole Location 165' E, 60' N OF CENT. W SIDE LINE JET 7.

Hole Size 4 1/4" ROT Total Depth 151' Collar Elev. ±15' BELOW TOP OF MADISON

Drilled By O. THOMAS Logged By W. WOLTERS Date 8-2-57 to 8-3-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				OVERBURDEN	
20		100% CUTTINGS RET.	NO ABNORMAL RAD.		4" AIR @ 35'
40				MEDIUM SOFT TO HARD WHITE MADISON LIMESTONE	+++ SOFT 37'-38'
60					ROUGH 53'-54'
80					
100					4" AIR @ 100'
120		NO AIR RETURN		SMALL AMOUNT RED & TAN DUST (SMOKE) 110'-140'	2" AIR @ 120'
140					ROUGH 140'-145'
151					

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #7 Hole No. DJ7-9 Hole Location 300'E, 250'N, CENTER OF W SIDE LINE JET 7.
Hole Size 4 1/4" ROT. Total Depth 136' Collar Elev. ±25' BELOW TOP OF MADISON
Drilled By D. THOMAS Logged By W. WOLTERS Date 8-1-57 to 8-1-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				OVERBURDEN	
20					
40					
60		100% CUTTINGS RET	NO ABNORMAL RAD.	MAINLY HARD, WHITE MADISON LIMESTONE EXCEPT 111'-119' AS BELOW RIGHT	
80					
100					YELLOW 111'-119' RED @119'
120					1" CHERT 125' ROUGH 130'-135'
136					

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #7 Hole No. DJ7-8 Hole Location 210'E, 300'S, NW COR JET 7

Hole Size 4 1/4" ROT. Total Depth 133' Collar Elev. ±25' BELOW TOP OF MADISON

Drilled By O. THOMAS Logged By W. WOLTERS Date 8-1-57 to 8-2-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RET.	NO ABNORMAL RAD.	OVERBURDEN	
20					
40					
60				HARD, WHITE MADISON LIMESTONE EXCEPT 111'-132' AS BELOW, RIGHT	
80					
100					YELLOW 111'-112' RED 112'-130'
120					
133					YELLOW 130'-132'

FINAL DISTRIBUTION MADE OCT 29 1957

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
224 New Custom House, Denver 2, Colorado
Administrative Audit Difference Statement

Modern Mines Development Company
217 South 31st Avenue
Yakima, Washington

Date: October 28, 1957
Payee's
Reference: July 1957

Gentlemen:

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

Amount Claimed $ 4,640.25

Difference $ 846.75

Amount Approved $ 3,793.50

The reason for the difference was due to:

1. Disallow:

1. Reported cost of drilling hole DJ7-4 105 ft. @ $2.25 per ft. $236.25

2. Reported cost of drilling hole DJ7-11, 217 ft @ $2.25 per ft. $488.25

3. Incidental allowance for 322 ft @ .20 per ft. 64.40

4. Excess over invoice cost for acceptable drilling.
Amt. reported, 1523 ft @ $2.25 per ft. $3,426.75
Inv.cost 1523 ft at total cost of. $2,358.90
$57.85

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

Total amount to be disallowed. $846.75

Very sincerely yours,

N. E. Stokes
Audit Section

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

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DMEA
RECEIVED OCT 1 1957

DATE	REMARKS	CODE
11/1	[illegible]	110
11/1	[illegible]	700

EXTRA COPY DMEA		
RECEIVED		1957
DATE	INITIALS	CODE

224 New Customhouse
Denver 2, Colorado

October 25, 1957

Memorandum

To: T. A. Christensen

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

Subject: DMEA Docket 4564 (Uranium) Contract Idm-E1095
Modern Mines Development Company (Jet claims) Big Horn County, Wyoming - Operator's Monthly Progress Report for the month of July, 1957

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

The work is being performed partly under independent subcontract and partly at fixed unit costs. The drilling rates are as low or lower than the rates contained in the lowest and best bid submitted with the application. Under the circumstances the rates for the work performed under independent subcontract are considered to be reasonable.

Except as otherwise indicated below, we consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. Payment is recommended on the following basis, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Disallowance, Drilling Costs

Hole DJ1-4 was drilled closer than approximately 100 feet from holes DJ1-5 and DJ1-6 and is therefore not acceptable under the terms of the contract. Hole DJ7-11 was drilled at a location not authorized by the Government (see map with work approval of August 5, 1957) and is therefore not acceptable. The reported drilling cost, including Incidental Allowance for holes DJ1-4 and DJ7-11 is to be disallowed. The reported cost for the balance of the drilling is in excess of the actual invoice cost. The excess over the actual invoice cost is to be disallowed.

Disallow:

1. Reported cost of drilling for hole DJ1-4, 105 feet at $2.25 per foot---------- $ 236.25
2. Reported cost of drilling for hole DJ7-11, 217 feet at $2.25 per foot---------- 488.25
3. Incidental Allowance for above 322 feet at $0.20 per foot---------- 64.40
4. Excess over invoice cost for acceptable Drilling:
   Amount reported, 1523 feet at $2.25 per foot----------$3426.75
   Invoice cost, 1523 feet at total cost of---------- 3368.90
   Excess cost to be disallowed---------- 57.85

Total Amount to be Disallowed---------- 846.75

Reconciliation with Amount Reported by the Operator on Form MF-104 for July, 1957

Amount Reported on Form MF-104 for July, 1957----------	4640.25
Amount to be disallowed----------	846.75
Total acceptable cost for July, 1957----------	3793.50

Government participation at 75 percent----------$2849.13

Remarks:

Date of Report----------August 13, 1957
Date Received in Field Office-------August 29, 1957
Date Received in Region Office------October 22, 1957
Reason for Delay: Held pending receipt of corrected map showing hole locations and fracture system.

Original signed by
E. N. HARSHMAN
E. N. Harshman

Enclosures
JDC:hmh
cc: Chmn. Op. Comm. (2))
DMEA, DFC) w/complete report
MF-104 file, Reg. III)
Harshman) w/copy of
Townsend) Engr's report
Chron

DMEA
DEPARTMENT OF THE INTERIOR
OCT 22 1957
REGION III
DENVER, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
OCT 15 1957
REGION III
DENVER, COLORADO

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
October 15, 1957

Memorandum

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

From: E. O. Simpson

Subject: Docket DMEA 456A (Uranium) Contract Ida-61895,
Modern Mines Development Company (Jet claims)
Big Horn County, Wyoming -- Progress report for July 1957

An inspection of the drilling completed in July was made September 5, 1957. At that time the operator was again requested to submit a map showing holes drilled under the contract, company drilled holes as well as the geologic structure or fracture pattern and major topographic features. The map was not received until October 7, 1957.

From data obtained during the inspection and that submitted in the report, 2 of the 13 holes drilled encountered mineralization of ore grade, .10 percent U_3O_8 or better, and one hole cut 10 feet of mineralization of a grade of 0.09 percent U_3O_8, the grades mentioned are by radiometric probing.

The holes, depth of hole and mineralization, and radiometric results are:

Hole No.	Depth Feet	Depth of Mineralization - feet	Thickness of Mineralization - ft.	Probe Results eU_3O_8
DJ7-11	217	162-172	10	0.09
DJ-7-12	170	141-145	4	0.11
		149-153	4	0.08
DJ8-6	176	128-146	18	0.09
		155-162	7	0.40
		165-168	3	0.20

As stated by the operator, the ratio of radiometric probe results to chemical assays is about 1:2 in favor of the assays in the area. However, there have been no samples taken from the ore or mineralized holes by which a comparison can be made. The ratio is obtained from the probe and sample assays results as reported by Lisbon Corp. who operate a nearby mine.

From the last map submitted and the field check, 2 holes, 1 on the Jet 1 claim, and 1 on the Jet 7 claim have been drilled closer than 100 feet to other holes and therefore not drilled in conformance with the terms of the contract. The holes and footages are:

Hole No.	Footage
DJ1-4	105
DJ7-11	217
	322

A check of the MF-104A shows that the operator has claimed (as in the June report) $2.25 per foot of hole drilled whereas the invoiced cost is $2.2166 per foot. In calculating the amount to be disallowed $2.2166 is used.

Drilling 322 ft. at $2.2166 per foot	$713.75
Incidental allowance 322 ft. at $0.20/ft.	64.40
Total disallowance	$778.15

Under the "Costs this month" on the MF-104A and the "Monthly total" on the MF-104 the amount for drilling should be $4,089.55 as shown on the invoice. This amount minus the disallowance of $778.15 gives a total of $3800.40 as shown below:

Drilling	$4,089.55	
Disallowed	713.75	
Total drilling		$3,375.80
Standby time	120.00	120.00
Incidental allowance	369.00	
Disallowed	64.40	
Total Incidental Allowance		304.60
Total amount		$3,800.40

According to the last map submitted, the remaining 8 holes were drilled in conformance with the contract terms and are approximately located in the correct sites relative to the fracture pattern and to the locations originally proposed in the contract. The standby time is properly documented and the Incidental allowances (except for the amount disallowed) is correct.

It is recommended that the operator be paid $2,850.30 or the Government's share at 75% participation of $3,800.40, which is the total cost of the work completed during the period.

E. O. Binyon
Mining Engineer

EOB/mw cc: 6 Idm-E1095 chron

Form MF-204 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

3

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

RECEIVED NOV 1957 D.M.E.A.

Month of JULY, 1957 Docket No. DMEA 4564 Contract No. Adm E-1095
Operator's Name MODERN MINES DEVELOPMENT CO. Minerals URANIUM.
Address 219 So 31ST AVE. YAKIMA, WASH.
Contract Amount, $ 40,870.00 Government Participation: 75% Amount, $ 30,652.50

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 NON CORE	4457.25 ~~4099.25~~	1995.75	6147.00 ~~[illegible]~~			
Bulldozing						
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
INCIDENTAL ALLOWANCE	369.00	177.40	546.40			
STANDBY TIME	120.00	NONE	120.00			
	4640.25		6813.40			
TOTALS	~~4099.25~~	2173.15	~~6272.40~~	3793.50 0-	2173.15 41.75	5966.65 41.75

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

Date Aug 13-57 *Payee Modern Mines Dev. Co.

Per W A Doyle Title Sec-Treas.

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of: 2151.40 5924.90

$ 2845.13

Signature
(Authorized Certifying Officer)

Date 10/28/57 Voucher No. DMA 58-57

(See other side)

4-Previous Disallowance

(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. Thm E 1095 in accordance with the terms of the contract.

Signature E. O. Benson (~~$285-30~~) Title Mining Engineer Date Oct 14 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title acting Executive Officer Date OCT 25 1957

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)

RECEIVED
Budget Bureau No. 42-R1151.2
SEP 3 1957
Div. of Mineral Technology
BUREAU OF MINES
Denver Experiment Station
Denver, Colorado

RECEIVED NOV 2 DMEA

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

Month of JULY 1957 Docket No. DMEA 456 Contract No. Adm E-1095
Operator's Name MODERN MINES DEVELOPMENT CO. Minerals URANIUM.
Address 219 So 31st AVE. YAKIMA WASH.

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~~ STANDBY TIME	hr	120.00	12	120.00	12	10.00	30	10.00
Crosscutting								
Raising								
Shafts								
Winzes		4451.25		6147.00				
Drilling: Core NON CORE	FT	~~4451.25~~	1845	~~6147.00~~	2732	225	16,200	225
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
INCIDENTAL-ALLOWANCE	FT	369.00	1845	546.40	2732	20	16,200	20
Total Distributed Costs		4640.25 ~~4820.25~~		6813.40 ~~6954.40~~				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		4640.25 ~~4820.25~~		6813.40 ~~6954.40~~				49,890.00

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 Aug 13-57 Operator Modern Mines Dev. Co.
Per W S Doyle Title Sec-Treas.

Remarks:

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

(Instructions on reverse)

E O Bunyon

(For Government use only)

DMEA
DEPARTMENT OF THE INTERIOR
AUG 28 1957
REGION III
DENVER, COLORADO

INSTRUCTIONS

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

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

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

GPO 872894

219 S. 31st AVE.
YAKIMA, WASH.
PHONE GLENCOURT 3-9948

MODERN MINES DEVELOPMENT CO.

2280 EAST DRIVE
BUTTE, MONTANA
PHONE 26498

August 12, 1957

DMEA
DEPARTMENT OF THE INTERIOR
OCT 22 1957
REGION III
DENVER, COLORADO

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RECEIVED AUG 1 1957
DATE | INITIALS | CODE

DMEA
DEPARTMENT OF THE INTERIOR
AUG 28 1957
REGION III
DENVER, COLORADO

Mr. H. W. King, Executive Officer
DMEA Field Team, Reg. III
224 New Customhouse
Denver, Colorado

Dear Mr. King:

Please accept this letter as the narrative portion of the monthly progress report covering the exploration work being conducted by Modern Mines Development Company on the Jet Group of Claims, Little Mountain District, Big Horn County, Wyoming under DMEA Contract Idm-E1095.

During July, 1957 a total of 13 drill holes, aggregating 1845 lineal feet, were completed by Modern Mines Development Company. The drill holes were distributed over six claims, Jet 1, 2, 3, 7, 8, and 12. As indicated on the attached logs and radiometric probe records, holes DJ4, 5, and 6; DJ2-5, 6, and 7; DJ5 and 7 and DJ12-7 were essentially barren holes while holes DJ7-11 and 12 were mineralized holes and DJ8-6 was an ore hole. All holes were collared at or near the top of the Mission Canyon member of the Madison formation and drilled to such depth as calculated to be through the possible ore bearing portion of the Mission Canyon member. Six of the 13 holes encountered filled caverns. Drill hole DJ7-11 encountered 10 feet of material from 162' to 172' containing approximately 0.09% eU_3O_8 or 0.18% cU_3O_8. Drill Hole DJ7-12 encountered 4 feet of material assaying 0.11% eU_3O_8, or 0.22% cU_3O_8 from 141' to 145' and 4 feet of material from 149' to 153' containing an estimated 0.08% eU_3O_8 or 0.16% cU_3O_8. Drill Hole DJ8-6 contained 18 feet of material from 128' to 146' that assays approximately 0.09% eU_3O_8 or 0.18% cU_3O_8 from 155' to 162', a seven foot interval indicated 0.40% eU_3O_8 or 0.80% cU_3O_8 and from 165' to 168' there is a three foot thickness of ore indicated to assay 0.20% eU_3O_8 or 0.40% cU_3O_8. The ratio of equivalent assay to chemical assay is as determined from Lisbon ore bodies to the south, that is e:c = 1:2.

No bulldozing was accomplished during the reporting period although a total of 12 hours of standby time was used. The standby time was needed in order to perform probing operations while the drill was in

219 S. 31ST AVE.
YAKIMA, WASH.
PHONE GLENCOURT 3-9948

MODERN MINES DEVELOPMENT CO.

2280 EAST DRIVE
BUTTE, MONTANA
PHONE 26498

position and due to the caving and cavern fill conditions of the several holes, it was often necessary to probe through the drill pipe. When this was necessary the readings obtained were increased by a flat 30% to compensate for the shielding action of the drill stem.

Messers. King and associate visited the property on July 24 in regard to Modern Mines request for changes in approved hole positions.

Very truly yours,

L. D. Jarrard
Company Geologist

LDJ/rw

Mountain States Mining Co.
42½ Symons Building
Spokane, Washington

August 1, 1957

Footage statement to Modern Mines Development Co.

July, 1957

HOLE NUMBER	FOOTAGE	AMOUNT
DJ 13-7	92	$ 199 90
DJ 1-4	105	229 00
DJ 2-6	142	314 10
DJ 1-5	102	222 10
DJ 2-5	152	337 20
DJ 2-7	134	295 70
DJ 3-1	136	300 30
DJ 7-11	217	491 65
DJ 7-12	170	379 50
DJ 8-6	176	393 60
DJ 8-5	160	356 10
DJ 8-7	154	341 40
DJ 1-6	105	229 00
	1845	$4,089 55
12 hours standby time @ $12.00 per hour		144 00
	Total	$ 4,233 55

This is to certify that the above footage account and standby time account is a true and correct statement of holes drilled by us for Modern Mines Development Co., and a true and correct statement of the standby time charge for period July 1st through July 31, 1957 on their Jet Claims on Little Mountain-Big Horn County, Wyoming.

MOUNTAIN STATES MINING COMPANY

By: A F McClaine
President

Tap 1-5
Indian
Mines
Klin
Co

Pattern @ 102
1 klin = 0,01 % U_3O_8

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

Noon

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1 Elev. = 0.01 % U_3O_8

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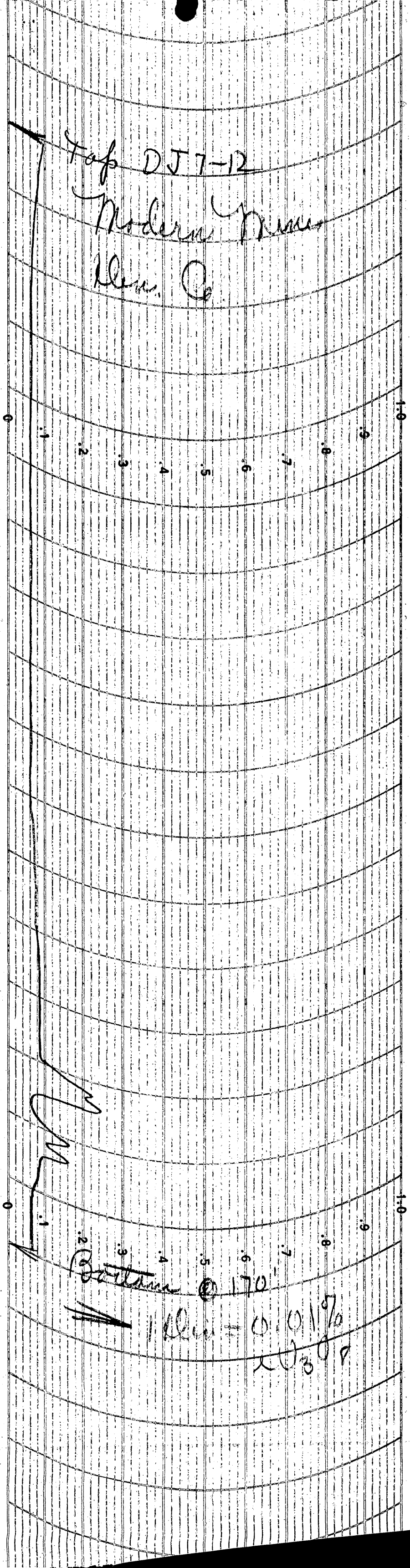
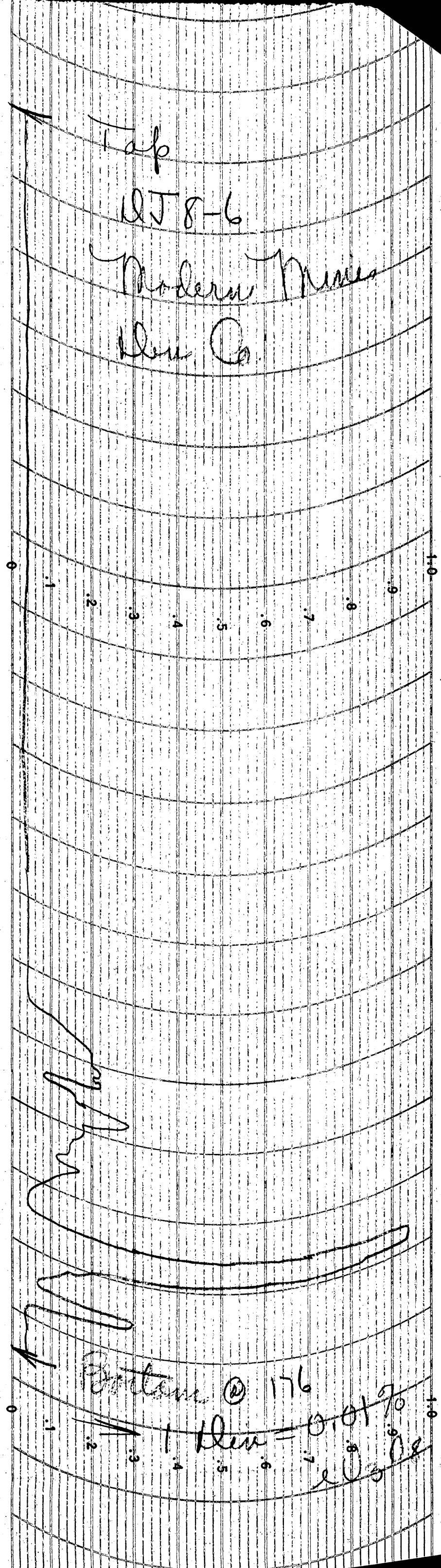
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A.

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 4305-X



THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U. S. A. CHART NO. 4305-X



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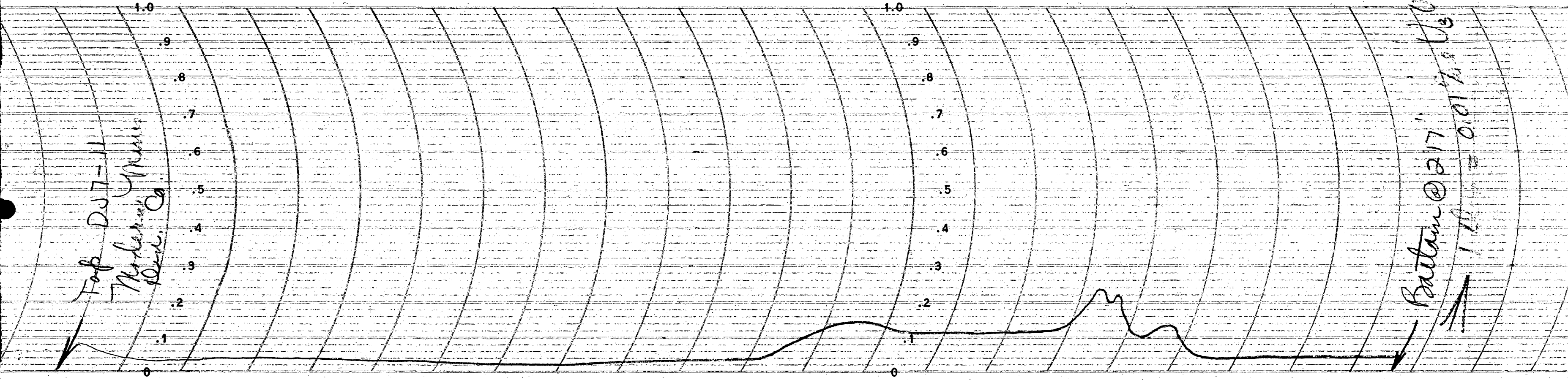

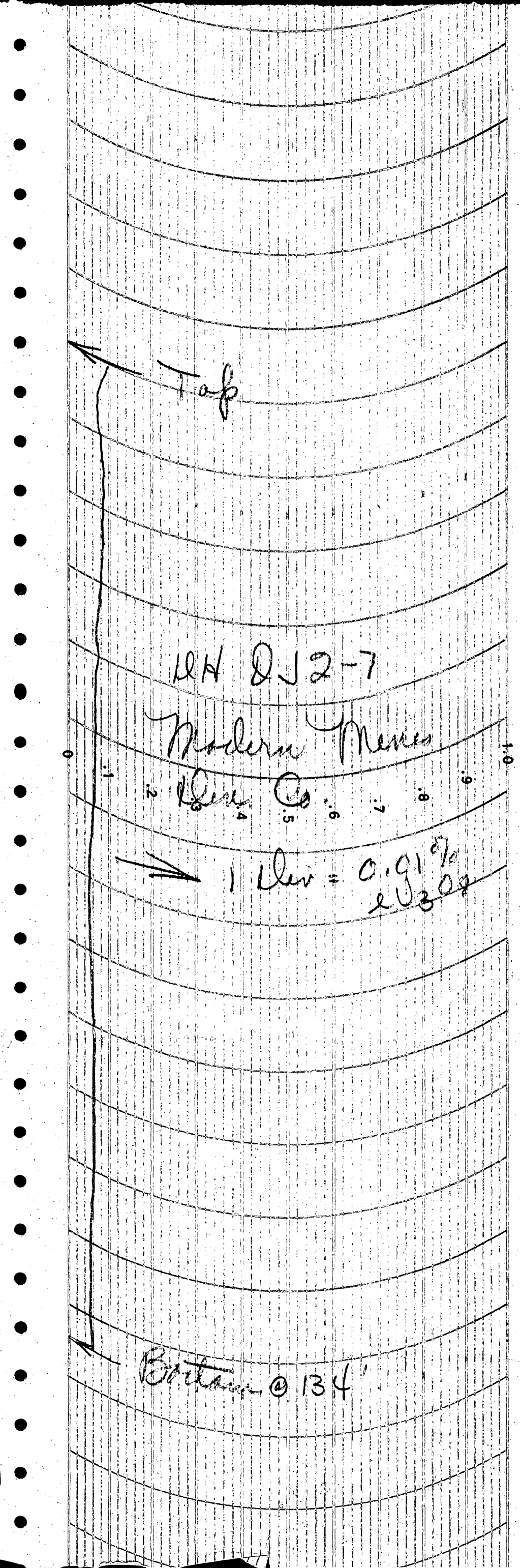
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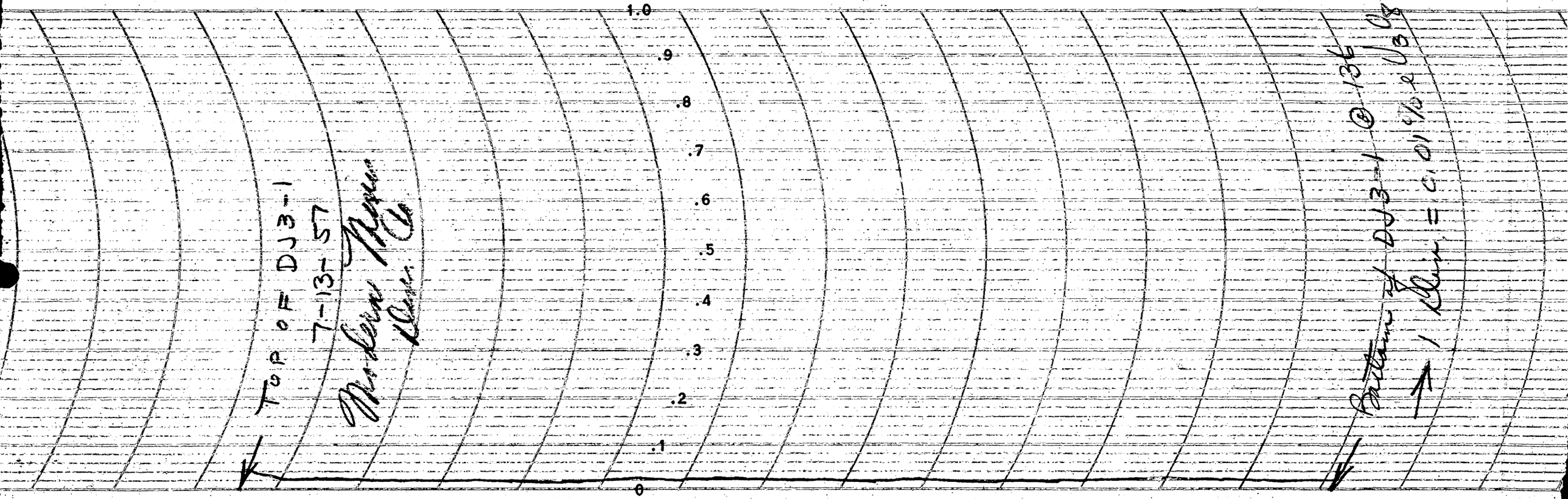
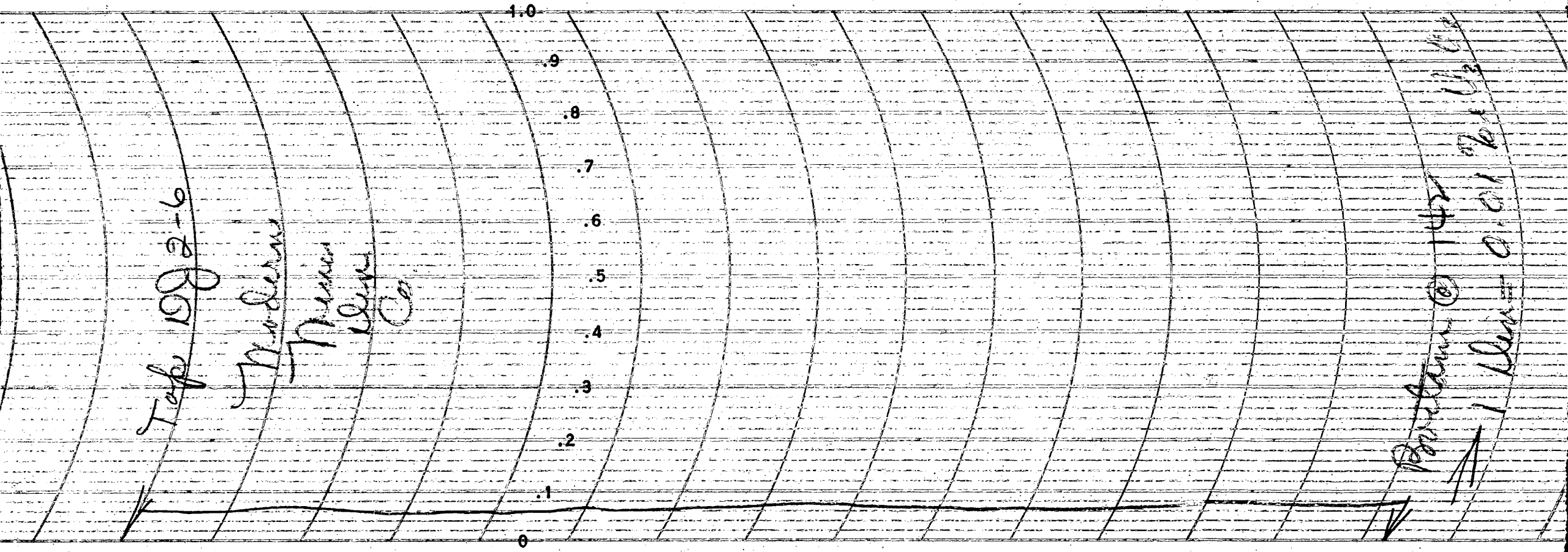
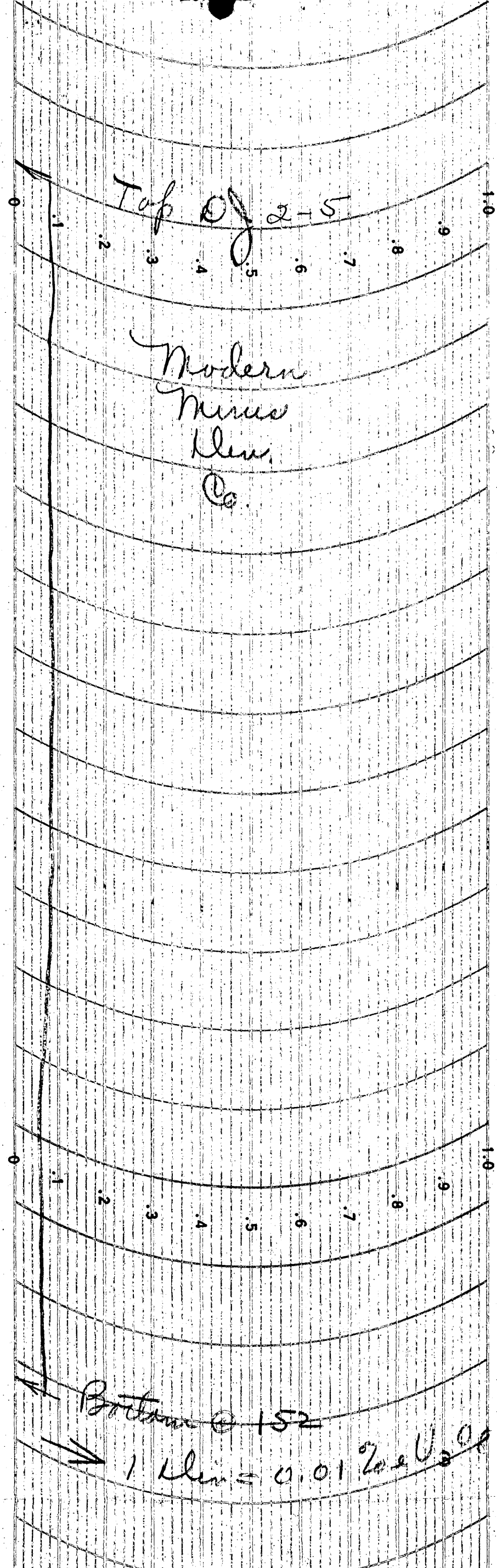
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES



MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES





MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

Top DJ 8-7

Modern
Miners
Elev.
Co.

2

1

Bottom @ 154

1 div = 0.01 Pa U_3O_8

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

Tap 10 8-5
Modern
Merc
Ken
Co

11

Barometer @ 162

10

1 div = 0.01 Pa e 0.08

THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO.

MODERN MINES DEVELOPMENT CO.
Drill Log

Property Jet Claim #3 Hole No. DJ3-1 Hole Location 425' N22°W FROM JET 3 DISC.
Hole Size 4' 1/4" Rot. Total Depth 136.0 Collar Elev. ±35' BELOW TOP OF MADISON
Drilled By O. THOMAS Logged By L. D.J. Date 7-12-57 to 7-13-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				0'-1.0' OVERBURDEN	
20		100% CUTTINGS RETURNED	NO ABNORMAL RADIOACTIVITY		
40				SOFT TO MED. HARD WHITE MADISON LIMESTONE	
60					
80					
				AIR	24" AIR 92'-94' LOST ALL AIR @ 92'
100		NO CUTTINGS		FILLED CAVERN WITH ALTERNATE AIR & BOULDERS OR RIBS 94'-116' SOFT FILL 116'-124' ALTERNATE SOFT & HARD 124'-134' LIMESTONE 134'-136'	
120					
136				BOTTOM OF HOLE @ 136'	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #2 Hole No. DJ2-7 Hole Location 490', S54°E OF NW COR. JET. 2

Hole Size 4 1/4" ROT. Total Depth 134.0 Collar Elev. ±25' BELOW TOP OF MADISON

Drilled By O. THOMAS Logged By L.D.J. Date 7-11-57 to 7-11-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RETURNED	NO ABNORMAL RADIOACTIVITY	0'-2' OVERBURDEN	
20					++++ SOFT @ 22'
					PINK CUTTINGS 35'-36'
40				SOFT TO MED. HARD, WHITE MADISON LIMESTONE	
					6" AIR 52.-52.5'
60					AIR BACK @ 62'
80					
100					+++ SOFT 107'-110'
				SOFT RED TO BUFF SOLUTION BRECCIA (?)	
120				SOFT, WHITE MADISON LIMESTONE	
134		BOTTOM OF HOLE @ 134.0			
140					

MODERN MINES DEVELOPMENT CO.
Drill Log

Property Jet Claim #2 Hole No. DJ2-5 Hole Location 100' S68°E OF SW COR JET 1
Hole Size 4 1/4" Rot. Total Depth 152.0' Collar Elev. ± TOP OF MAD.
Drilled By O. THOMAS Logged By L. D. J. Date 7-9-57 to 7-9-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				0'-2' OVERBURDEN	
20		100% CUTTINGS RECOVERED	NO ABNORMAL RADIOACTIVITY		
40					
60				SOFT TO MEDIUM TO HARD, WHITE MADISON LIMESTONE	
80					
	AIR				24" AIR @ 95' LOST ALL AIR @ 95'
100					
120		NO CUTTINGS			
140					
152				BOTTOM OF HOLE @ 152.0'	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #1 Hole No. DJ1-5 Hole Location 179' N 76° E OF SW CORNER JET. 1.
Hole Size 4 1/4" ROT. Total Depth 102.0' Collar Elev. ± TOP OF MADISON
Drilled By O. THOMAS Logged By L. JAPPARD Date 7-8-57 to 7-9-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RETURNED	NO ABNORMAL RADIOACTIVITY	0'-1' OVERBURDEN	
20					LOST AIR @ 27'
40		ONLY VERY FINE DUST RETURNED		SOFT TO MED. HARD, WHITE MADISON LIMESTONE	SMALL AIR RETURN 31'-102'
60					+++ SOFT @ 58'
					+ " @ 62'
					+ HARD 69'-70'
80					+ SOFT @ 72'
					SOFT 85'-100'
100					
		BOTTOM OF HOLE @ 102.0'			

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #8 Hole No. DJ8-6 Hole Location 150' N43°E OF SW COR. JET 8
Hole Size 4 1/4" ROT. Total Depth 181' Collar Elev. ± TOP OF MADISON
Drilled By O. THOMAS Logged By L. JARRARD Date 7-20-57 to 7-22-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				0'-2' OVERBURDEN	
20		100% CUTTINGS RETURNED	NO ABNORMAL RADIOACTIVITY		CHERT @ 16.0' BLASTED & CEMENTED
40				SOFT TO MED. HARD, WHITE MADISON LIME-STONE	
60					18" AIR 56'-57.5' LOST AIR RET. @ 56.0'
80	AIR			AIR	8" AIR @ 76' 5' AIR 79'-84'
100		NO CUTTINGS RETURNED	SEE PROBE RECORD 128'-146' - 18.4 OF 0.09% U_3O_8 155'-162' - 7.4 OF 0.40% U_3O_8 165'-166' - 3.4 OF 0.20% U_3O_8	ALTERNATELY SOFT AND ROUGH POSSIBLY SOME AIR	
120				ALTERNATELY SOFT TO HARD - ROUGH WITH SMALL AIR POCKETS, FAST DRILLING	SOFT CRUMBLY 106'-125'
140					SOFT, ROUGH CRUMBLY 125'-130'
160				MED. TO HARD	10" AIR @ 172' 2" AIR @ 177'
180	AIR AIR				

BOTTOM OF HOLE AT 181.0

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #7 Hole No. DJ7-12 Hole Location 304' N 17' W OF SE. COR JET #7

Hole Size 4 1/4" ROT. Total Depth 170' Collar Elev. ± TOP OF MADISON

Drilled By O. THOMAS Logged By L. JARRARD Date 7-17-57 to 7-18-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				0'-1' OVERBURDEN	
20					
40					
60				SOFT TO MED. HARD, WHITE MADISON LIME	
80					
100					6" Air @ 100' RED TO BUFF 119'-120'
120					2' Air 128'-130'
	AIR			SOFT RED TO YELLOW CUTTINGS	
140	AIR		A		12" Air 142'-143'
			B	SOFT CHALKY LIME	LOST CUTTINGS TEMPOR.
160				MED. HARD TO HARD MADISON LIMESTONE	
170					
		BOTTOM OF HOLE @ 170'.			
		A -	141'-145'	± 0.20 % U_3O_8 (PROBE)	
		B -	149'-154'	± 0.12 % U_3O_8 (PROBE)	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #7 Hole No. DJ 7-11 Hole Location 130' N 17° W OF JET 7 DISCOVERY

Hole Size 4 1/4" ROT. Total Depth 217' Collar Elev. ± 20' BELOW TOP OF MADISON

Drilled By O. THOMAS Logged By L. JARRARD Date 7-16-57 to 7-17-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
20					
40				SOFT TO MEDIUM HARD, WHITE MADISON LIMESTONE	
60					
80					24" AIR 80'-82' LOST CUTTINGS @ 80'
	AIR				11' AIR 90'-101'
100					
120				SOFT TO MEDIUM SOFT FILL 101'-168'	
140					
160			A		
168					
180					+++ SOFT 184'-187'
200					
217					

BOTTOM OF HOLE @ 217'
A" - 162'-172' ± 0.09 U_3O_8

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #12 Hole No. DJ12-7 Hole Location 53' S10°E OF CENTER W SIDELINE JET 12

Hole Size 4 1/4" POT. Total Depth 97.3 Collar Elev. ±50' BELOW TOP OF MADISON

Drilled By O. THOMAS Logged By L. JARRARD Date 6-30-57 to 7-1-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RETURNED	NO ABNORMAL RADIOACTIVITY	0'-5' OVERBURDEN	
20				MEDIUM TO HARD WHITE MADISON LIMESTONE	12" AIR @ 21'
					4" AIR @ 23'
					LOST AIR @ 23'
40					PART OF AIR BACK @ 35'
60					ALL AIR BACK
80					
		NO CUTTINGS			
				BOTTOM OF HOLE @ 97.3	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #2 Hole No. DJ2-6 Hole Location 200' S77°E OF SW COR. JET 1

Hole Size 4 1/8" ROT. Total Depth 142.0 Collar Elev. ± TOP OF MADISON

Drilled By J. THOMAS Logged By L. JARRARD Date 7-6-57 to 7-8-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RETURNED	NO ABNORMAL RADIOACTIVITY	0'-10' OVERBURDEN & AMSDEN FILL	
20				VERY SOFT TO MEDIUM HARD WHITE MAD LIMESTONE	++++ SOFT MADISON 10'-50'
40					
60					2" AIR @ 61' & @ 63'
80					
100					
					LOST AIR @ 116'
120	AIR				24" AIR @ 129'
140	FILL	NO. CUTTINGS		SOFT TO MED. FILL HARD ROCK @ BOTTOM	
			BOTTOM OF HOLE @ 142.0		

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #8 Hole No. DJ8-5 Hole Location 660' N45°E OF SW COR JET 8
Hole Size 4 1/4" ROT. Total Depth 160' Collar Elev. ± TOP OF MADISON
Drilled By O. THOMAS Logged By L D J Date 7-27-57 to 7-28-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RECOVERED	NO ABNORMAL RADIOACTIVITY	0'-2' OVERBURDEN	+++ SOFT RED 8'-9'
20					CHERT @ 24'
40					
60				MEDIUM TO HARD WHITE MADISON LIMESTONE	CHERT @ 75'
80					
100					
120					CHERT @ 126' (BLASTED)
140					+ SOFT, YELLOW TO RED 142'-146'
160				BOTTOM OF HOLE @ 160'	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #8 Hole No. DJ8-7 Hole Location 125' E, 130' S of CENT. W SIDE LINE JET 8

Hole Size 4 1/4" ROT. Total Depth 154 Collar Elev. ± TOP OF MADISON

Drilled By O. THOMAS Logged By LDJ Date 7-28-57 to 7-29-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				0'-2' OVERBURDEN	
20		100% CUTTINGS RETURNED	NO ABNORMAL RADIOACTIVITY	SOFT TO MED HARD, WHITE MADISON LIMESTONE	++ SOFT RED. 10'-13' CHERT @ 13'
40					++ SOFT @ 33' PINK TO TAN 36'-39'
60					10' AIR 82'-92' LOST AIR @ 82'
80	AIR			AIR	
100		NO CUTTINGS RETURNED		SOFT FILL WITH HARD SPOTS - ROUGH	CHERT @ 116'
120					
140				SOFT TO MEDIUM HARD WHITE MADISON LIMESTONE	CHERT @ 129'
154				BOTTOM OF HOLE @ 154	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #4 Hole No. DJ1-4 Hole Location 148', N56°E OF SW COR JET 1

Hole Size 4'/4" ROT Total Depth 105 Collar Elev. # TOP OF MAD.

Drilled By O. THOMAS Logged By L. DJ Date 7-6-57 to 7-6-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
20		100% CUTTINGS RET.	NO ABNORMAL RADIOACTIVITY	MEDIUM TO HARD WHITE MADISON	
40					
60					
80					LOST AIR @ 84'
	AIR			AIR	
		NO CUTTINGS		SOFT FILL	
100				HARD LIMESTONE	

BOTTOM OF HOLE @ 105'

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #1 Hole No. DJ1-6 Hole Location 196'

Hole Size 4 1/4" ROT Total Depth 105 Collar Elev.

Drilled By O. THOMAS Logged By LDJ Date 7-5-57 to 7-5-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
20 40 60 80 100		100% CUTTINGS RECOVERED	NO ABNORMAL RADIOACTIVITY	SOFT TO MEDIUM HARD WHITE MADISON LIMESTONE	
		BOTTOM OF HOLE @ 105'			

FINAL DISTRIBUTION

MADE OCT 23 1957

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
[redacted]
Administrative Audit Difference Statement

[redacted]

Date: [redacted]
Payee's
Reference: [redacted]

DMEA-4564

[redacted]

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

Amount Claimed $ [redacted]

Difference $ [redacted]

Amount Approved $ [redacted]

The reason for the difference was due to:

[redacted]

[redacted] 1,995.75

[redacted] [redacted]

41.75

EXTRA COPY
DMEA
RECEIVED OCT 25 1957

DATE	PAYEES	CODE
10/25	9E	110
11	[redacted]	700

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

Very sincerely yours,

RRC

[redacted] Randal R. Cooper
[redacted] Fiscal Officer, Region III

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

224 New Customhouse
Denver 2, Colorado

October 10, 1957

Memorandum

To: T. A. Christensen

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

Subject: DMEA Docket-4564 (Uranium) Contract Idm-EL035, Modern Mines Development Company, (Jet claims group) Big Horn County, Wyoming - Operator's Monthly Progress Report for the month of June, 1957

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

The work is being performed partly under independent subcontract, and partly at fixed unit costs. The drilling rates are as low or lower than the rates contained in the lowest and best bid submitted with the application. Under the circumstances, the rates for the work performed under independent subcontract are considered to be reasonable.

Except as otherwise indicated below, we consider that the Operator has complied with the intent of the contract, and the work for which payment is recommended is acceptable to the Government. Payment is recommended on the following basis, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Some of the holes completed during June, 1957, were not drilled at the approximate locations shown on the contract, but were properly located in relation to the fracture system, which is the logical control for the drilling. Under the circumstances the hole locations are acceptable to the Government. Attached is a corrected map showing the locations of the drill holes in relation to the fractures and claim boundaries.

DMEA
DEPARTMENT OF THE INTERIOR

REGION III

OCT 16 1957
REGION III
DENVER, COLORADO

Building 20
Denver Federal Center
Denver 2, Colorado
October 11, 1957

Memorandum

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

From: E. O. Bingon

Subject: Docket DMEA 4564 (Uranium) Contract Idm-E1095,
Modern Mines Development Company (Jet claims group)
Big Horn County, Wyoming -- Progress report for June 1957

An inspection of the work covered by the operator's June 1957 report was made by Clarence E. Harrer, and Robert U. King on July 24, 1957. In a joint memorandum dated August 1st, Harrer and King stated that because of the discrepancies in the location of the holes from geological logs and the plotted positions of the holes on the map submitted originally with the June 1957 report it was impossible to correctly locate the holes. They recommended that a map made from a brunton and tape survey of the claims showing drill hole locations, controlling geologic structure, and major topographic features be submitted.

The operator submitted a claim map on August 25, 1957 with the holes drilled in June shown as located by taping from claim corners. The map however, did not show the geologic structure (fractured pattern) nor the topographic features on the Jet 7, 8, and 9 claims that might prevent drilling at the location of some of the holes as originally proposed.

On a visit to the property on September 4, 1957, the operators were again requested to submit the claim map showing drill holes, both company and DMEA, geologic and topographic features. The map showing the fracture pattern and a major topographic feature on the Jet 9 claim as well as the DMEA and company drilled holes was submitted October 7.

The locations of the holes drilled during June 1957 as shown on the claim map submitted have been changed because of the discrepancy between the original map, which was taken from an aerial photograph, and the new map. The holes as shown on a map received October 7 are correctly located relative to the claim line and other holes and to the geologic structures.

The hole locations on the Jet 10, Jet 11, and Jet 12 claims were originally selected to explore near and at the intersections of major fractures. Owing to the error in the map made from the aerial photograph being greater toward the outer boundaries (east and west) of the property the original location of these intersections and the location of holes DJ11-4 and DJ11-5 were moved on the surveyed map to the present position to conform to the change in the position of fracture intersections. It is believed that the location of the holes

should be based on geology that is along fractures or near the intersections of fractures, other than on the specified approximate locations as designated in the contract.

The holes as shown on the map last submitted were drilled in conformance with the terms of the contract, however, the locations of the holes as shown on the logs are incorrect -- this discrepancy being due to the difference between the original (aerial photo) map and the surveyed map.

A check of the MF-104 and MF-104A shows that the actual cost per foot for drilling was $2.203 or a total of $1,954.00 as invoiced but the operator has claimed $2.25 per foot. The difference of $41.75 has been deducted from the total for calculation of the Government's share of the cost.

It is recommended that the operator be paid $1,598.55 or 75% of $2,131.40 ($2,173.15 - $41.75).

E O Binyon
E. O. Binyon
Mining Engineer

EOB/mr
cc: 6
I&m-E1095
shown

Form MF-404 (Rev.)
(April 1952)

Budget Bureau No. 42-R1036.5

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

Month of JUNE, 1957 Docket No. DMEA 4564 Contract No. DMEA-1095
Operator's Name MODERN MINES DEVELOPMENT CO. Minerals URANIUM
Address 219 SOUTH 31ST AVE, YAKIMA, WN.
Contract Amount, $ 40,870.00 Government Participation: 75% Amount, $ 30,652.00

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 NON-CORE	1995.75	NONE	1995.75			
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):						
INCIDENTAL ALLOWANCE	177.40	NONE	177.40			
TOTALS	2173.15	NONE	2173.15	2,131.40	2,131.40	2,131.40

I certify that the above bill is correct and just and that payment therefor has not been received.
Date July 9-1957 *Payee MODERN MINES DEV. CO
Per W S Doyle Title Sec Treas

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

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

(Instructions on reverse)

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

$

Signature
(Authorized Certifying Officer)

Date Vou. No.
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. DMEA 1095 in accordance with the terms of the contract.

Signature [illegible] (# 1598.55) Title Mng. Engr Date July 31, 1957

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title Acting Executive Officer Date OCT 18 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED
OCT 25 1957
D.M.E.A.

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

Month of JUNE 1957 Docket No. DMEA 4564 Contract No. Idm-E1095
Operator's Name MODERN MINES DEV. Co. Minerals URANIUM
Address 219 So 31 AVE - YAKIMA WASH

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 NON-CORE	FT	1995.75	887	1995.75	887	225	16,200	225
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
INCIDENTAL ALLOWANCES	FT	177.40	887	177.40	887	20	16,200	20
Total Distributed Costs		2173.15		2173.15				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2173.15		2173.15				40,870.00

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

Date July 9. 1957 Operator MODERN MINES DEV. Co.
Per W S Doyle Title Sec. Treas.

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

(Instructions on reverse)

REMARKS:

(For Government use only)

Robinson

INSTRUCTIONS

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

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

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

GPO 872894

219 S. 31ST AVE.
YAKIMA, WASH.
PHONE GLENCOURT 3-9948

MODERN MINES DEVELOPMENT CO.

2280 EAST DRIVE
BUTTE, MONTANA
PHONE 26498

July 9, 1957

DMEA
DEPARTMENT OF THE INTERIOR
JUL 11 1957
REGION III
DENVER, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
OCT 14 1957
REGION III
DENVER, COLORADO

Mr. W. H. King
Executive Officer, DMEA
Field Team, Region 3
224 New Customhouse
Denver 2, Colorado

Re: Docket DMEA-4564(Uran.)
Contract I dm E-1095
Modern Mines Development Co.
(Jet Claims)
Big Horn County, Wyoming

Dear Mr. King:

Please accept this letter, as narrative, together with the attached forms, logs, probe records and maps as the accounting report for the period June 20, 1957 through June 30, 1957.

Drilling by Modern Mines Development Co. under above referenced contract was started on June 20, 1957 on DMEA approved hole. DJ10-4, Jet claims no.10. During this period a total of seven (7) holes were drilled on Jet claims 10,11 and 12. The holes were located on structure and/or jointing intersections as shown on the attached map and as indicated on Figure 4 of the subject contract. The seven(7) holes totaled 887 feet for an average depth of 127 feet. The holes were drilled to such depth, depending on relative collar elevation, as to penitrate to a total depth of approximately 150-160 feet below the top of the "upper Madison" or upper "Missian Canyan" member of the Madison.

Even though some of the holes encountered caverns (either empty or filled) none penitrated material exhibiting above normal radioactivity. The results of drilling thus far conducted, both with and without benefit of DMEA contract, indicates that possible ore bodies present may be expected to be found in filled caverns, the location of which will be found in close association with major fracture patterns. Such mineralized cavern fill is thus far indicated in a zone extending approximately northwest from Lisban Uranium Corporation mining operations. It is anticipated that future drilling by Modern Mines will be concentrated in this area.

Very Truly Yours,

L. D. Jarrard

L. D. Jarrard
Company Geologist

Mountain States Mining Co.
624 Symons Bldg
Spokane Wash.

7/1/57

Footage Statement to Cobero Mines Development Co.
Period June 30th thru June 30th 1957

Hole #		Feet	Amount
D J-10	4	122	$ 366.70
D J-10	1	123	370.10
D J-11	2	122	365.10
D J-11	3	122	350.13
D J-11	4	122	338.33
D J-11	5	101	310.00
D J-11	6	125	329.00
Total		887	$ 1954.00

This is to certify that the above footage is a true and correct statement of holes drilled by us for Cobero Mines Development Company period June 30th thru June 30th 1957 on their Jet Claims on Little Mountain Big Horn County Wyo.

Mountain States Mining Co.
By [illegible]
Pres.

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #12 Hole No. DJ12-6 Hole Location 600' S20°E of NW COR JET 12
Hole Size 4 1/4" ROT. Total Depth 105' Collar Elev. ±45' BELOW TOP OF MADISON
Drilled By O. THOMAS Logged By L. JARRARD Date JUNE 29, '57 to JUNE 29, '57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				0'-4' OVERBURDEN	+++ SOFT RED 4'-15'
20		100% CUTTINGS RETURN	NO ABNORMAL RAD.		
40				MED. TO MASSIVE MADISON LIMESTONE GENERALL HARD AND COMPACT	1" CHERT @ 57'
60					
80					+++ HARD 78'-80'
100					
				BOTTOM OF HOLE @ 105'	

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #11 Hole No. DJ11-5 Hole Location 245' S20°W of NE COR JET 11

Hole Size 4 1/4" ROT. Total Depth 105' Collar Elev. ± 45' BELOW TOP OF MAG

Drilled By O. THOMAS Logged By L. JARRARD Date 6-27-57 to 6-27-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
20		100% CUTTINGS RETURNED EXCEPT FROM 80'-88'	NO ABNORMAL RADIOACTIVITY	MED. TO THIN BEDED MADISON LIMESTONE MODERATELY Soft TO ++++ Soft.	+++ Soft 36'-37.5'
40					
60					
80				EXTREMELY SOFT THIN BEDDED RED CAVERN FILL. LIMESTONE AT BOTTOM.	LOST AIR @ 80' 8" AIR @ 80' AIR RET. @ 88'
100					

BOTTOM OF HOLE @ 105.0

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #11 Hole No. DJ11-4 Hole Location 300' S10°W, NE COR. JET 11
Hole Size 4 1/4" ROT. Total Depth 109.0' Collar Elev. ≈ 45' BELOW TOP OF MADISON
Drilled By O. THOMAS Logged By L. JARRARD Date 6-27-57 to 6-28-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RETURNED	NO ABNORMAL RAD.	0'-2' OVERBURDEN	
				SOFT RED AMSDEN FILL IN SCOUR IN MADISON	+++ SOFT 6'-10' ++ SOFT 10'-25'
20					CHERT @ 26' +++ SOFT 25'-40'
40				SOFT TO MEDIUM HARD THIN TO MEDIUM BEDDED MADISON LIMESTONE	1" CHERT @ 57'
60					1" CHERT @ 76' + HARD 78'-80'
80					12" AIR @ 89' +++ SOFT RED @ 91'
100				SOFT TO MEDIUM BROKEN BUFF LIMESTONE	12" AIR @ 98' +++ SOFT RED @ 102'
				BOTTOM OF HOLE @ 109.	
120					

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CL. #11 Hole No. DJ11-3 Hole Location 930'. N30°E OF SW COR. JET 11

Hole Size 4 1/4" ROT Total Depth 125' Collar Elev. ±20' BELOW TOP OF MAD.

Drilled By O. THOMAS Logged By L. JARRARD Date 6-25-57 to 6-26-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				AMSDEN FILL IN SCOUR IN MADISON EROSIONAL SURFACE	
20					
40		100% CUTTINGS RETURNED EXCEPT FROM 44'-51'	NO ABNORMAL RADIOACTIVITY		10" AIR @ 44' LOST AIR @ 44' AIR BACK @ 51'
60				THIN TO MASSIVE BEDDED MASISON LIMESTONE GENERALLY SOFT AND CHALKY.	
80					
100					1" CHERT @ 98'
120'					
		BOTTOM OF HOLE @ 125.0'			

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CL. #11 Hole No. DJ11-2 Hole Location 640' N5°E OF SW COR JET 11

Hole Size 4 1/4" ROT. Total Depth 124' Collar Elev. ±20' BELOW TOP OF MAD.

Drilled By O. THOMAS Logged By L. JARRARD Date 6-24-57 to 6-25-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
		100% CUTTINGS RETURN	NO ABNORMAL RAD	MED. TO THIN BEDDED. MODERATE HARD. WHITE MADISON LIMESTONE	1" CHERT @ 12', ++ SOFT 15'-16'; 1 1/2" CHERT @ 43'; 10" AIR @ 69'; 8" AIR @ 88'; LOST AIR @ 88'; AIR PART BACK @ 91
		SMALL PART OF CUTTINGS RET.	NO ABNORMAL RAD.	MAINLY THIN BEDS OF CHALKY LIMESTONE COMPARATIVELY SOFT.	AIR BACK @ 117'
20					
40					
60					
80					
100					
120					

BOTTOM OF HOLE @ 124'

MODERN MINES DEVELOPMENT CO.
Drill Log

Property JET CLAIM #10 Hole No. DJ10-4 Hole Location N65°E, 275' FROM DISC. MON. JET10

Hole Size 4 1/4" Total Depth 171.5' Collar Elev. ±10' BELOW TOP OF MAD.

Drilled By O. THOMAS Logged By L. JACKARD Date 6-21-57 to 6-21-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
				0'-2' OVERBURDEN	
10				AMSDEN FILL IN SCOUR ON MADISON EROSIONAL SURFACE	
20				3" CHERT @ 22'	
30					
40					
50				MED. TO MASSIVE BEDDED, HARD MADISON LIMESTONE	
60					
70					
80					
90					
100					
110				MED. TO THIN BEDDED SOFT MADISON LIME-STONE	
120					
130					
140				SOFT, THIN BEDS OF RED TO BUFF STAINED MAD. (POSSIBLY PART OF WHICH ARE FILLED CAVERNS	
150					
160				HARD, WHITE MADISON	
		NO AIR RET.	NO CUTTINGS	AIR 163'-167'	LOST AIR RETURN @ 163'
170				HARD MAD. 167'-171.5'	

100% CUTTING & RETURN

NO ABNORMAL RES.

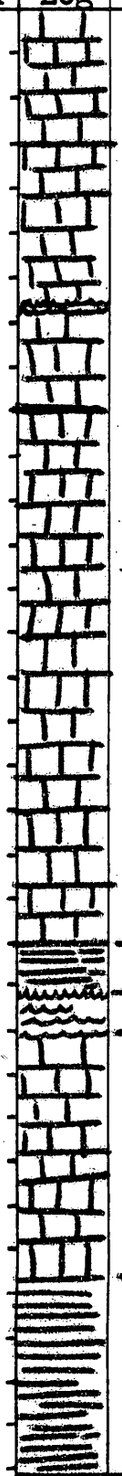
BOTTOM OF HOLE AT 171.5'

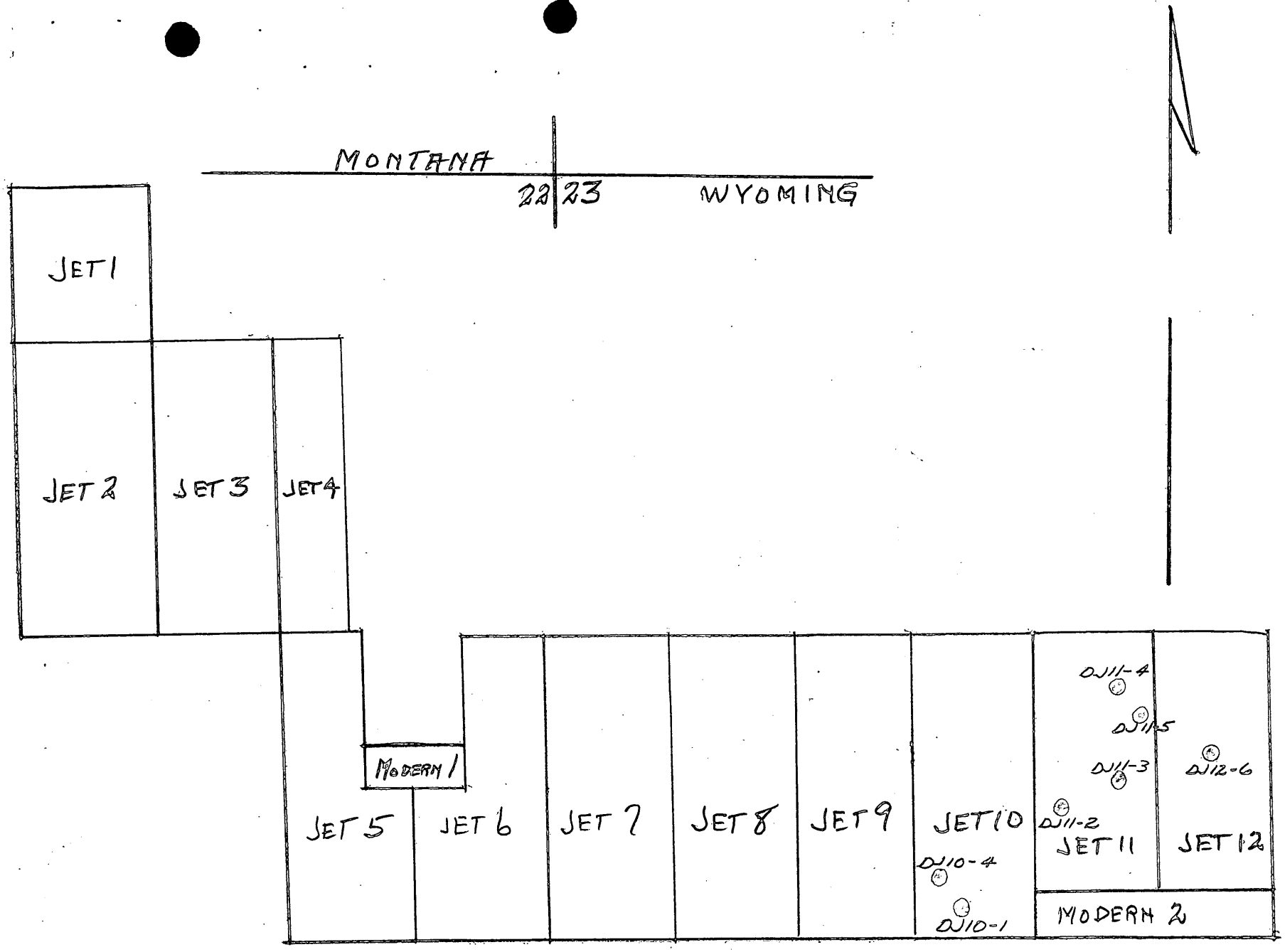
MODERN MINES DEVELOPMENT CO.
Drill Log

Property: JET CL. #10 Hole No. DJ10-1 Hole Location: 77'E, 136'N OF JET 10 DISC.

Hole Size: 4 1/4" ROT. Total Depth: 166' Collar Elev: 440' BELOW TOP OF MAD.

Drilled By: O. THOMAS Logged By: L. JARRARD Date: 6-22-57 to 6-24-57

Depth	Log	Recov.	Assay	Physical Description	Remarks
20		100% CUTTINGS RET.	NO ABNORMAL RAD.	MED. TO THICK BEDDED HARD WHITE MADISON LIMESTONE	
40					—6" AIR @ 33'
					—1" CHERT @ 45'
60					+++SOFT @ 62'
80					
100					+++Soft @ 107'-110'
				SOFT RED TO TAN STAINED BEDS	—LOST AIR @ 111'
		AIR		AIR	—8" AIR @ 115'
					—WATER @ 111'
120		SMALL AMOUNT OF RED MUD OCCASIONALLY BLOWN TO SURF.	AND CLINGING TO DRILL RODS.	MED. TO THICK BEDDED MADISON	
140					++Soft @ 144'
					@ 149'-150'
					@ 153'-155'
				SOFT, THIN, RED TO BROWN BEDS	@ 157'-160'
160					
		BOTTOM @		166.0'	

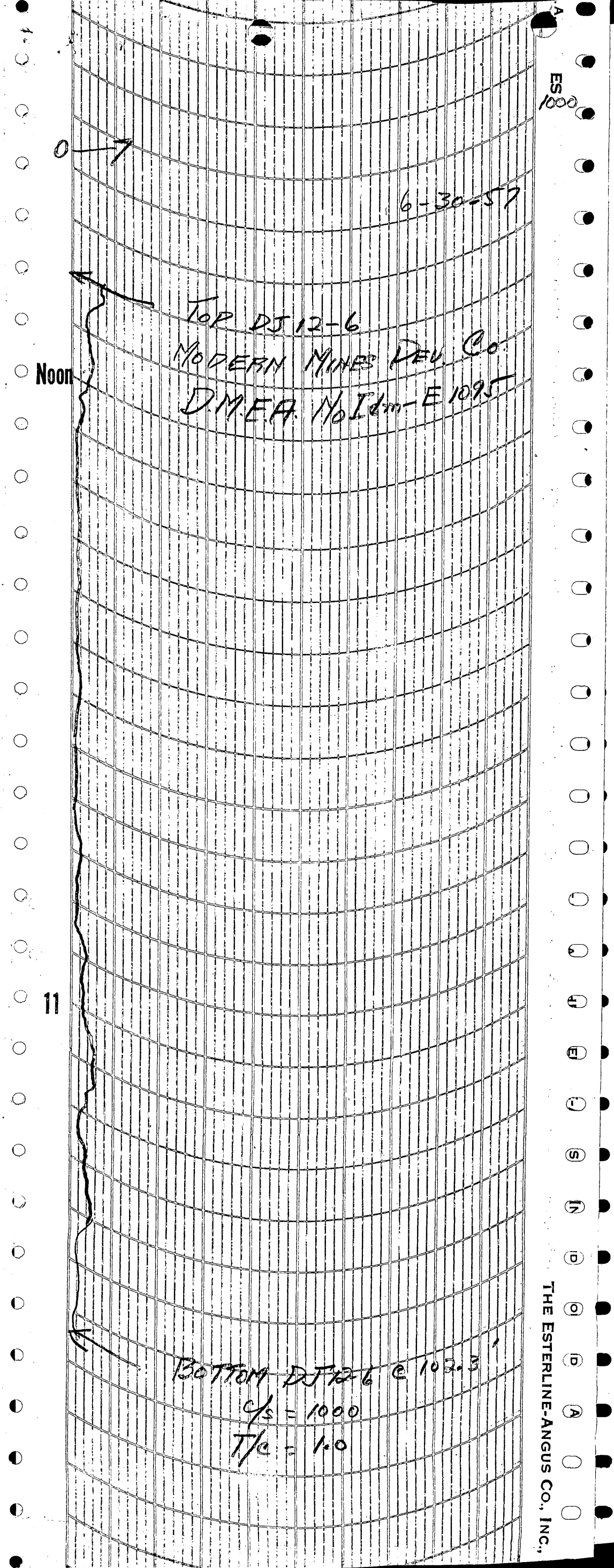


MODERN MINES DEVELOPMENT Co.
HOLES DRILLED UNDER D.M.E.A. No Idm-E 1095
JUNE 20 TO JUNE 30 INCL 1957

219 S. 31st AVE.
YAKIMA WASH.
PHONE 9948

MODERN MINES DEVELOPMENT CO.

19 SO. BENTON
HELENA, MONT.
PHONE HICKORY 2-4687


ES 1000
0
6-30-57
TOP DJ 12-6
MODERN MINES DEV. CO.
DMEA No Idm-E 1095
Noon
BOTTOM DJ 12-6 @ 102.3'
C/S = 1000
T/C = 1.0
THE ESTERLINE-ANGUS CO., INC.,

11

1000

0

6-27-57

Top DJ 11-5
MODERN MINES DEV. Co
D.M.E.A. No Idn - E1095

2

1

BOTTOM DJ 11-5 @ 101-0'
a/s - 1000
T.C. - 1.0

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES

0

100

6/29/57

TOP DJ. 11-4

90 cps

50 cps

MODERN MINES DEV CO

DMEA No Idm-E 1095

7

6

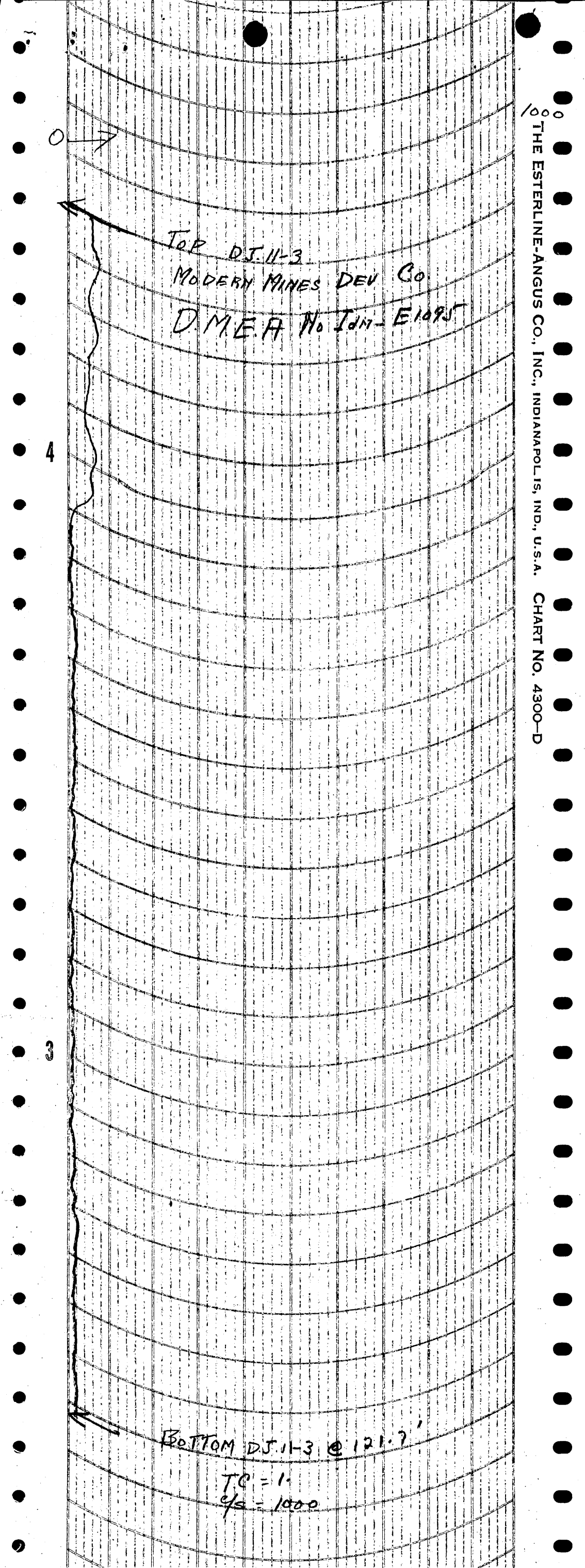
40 cps

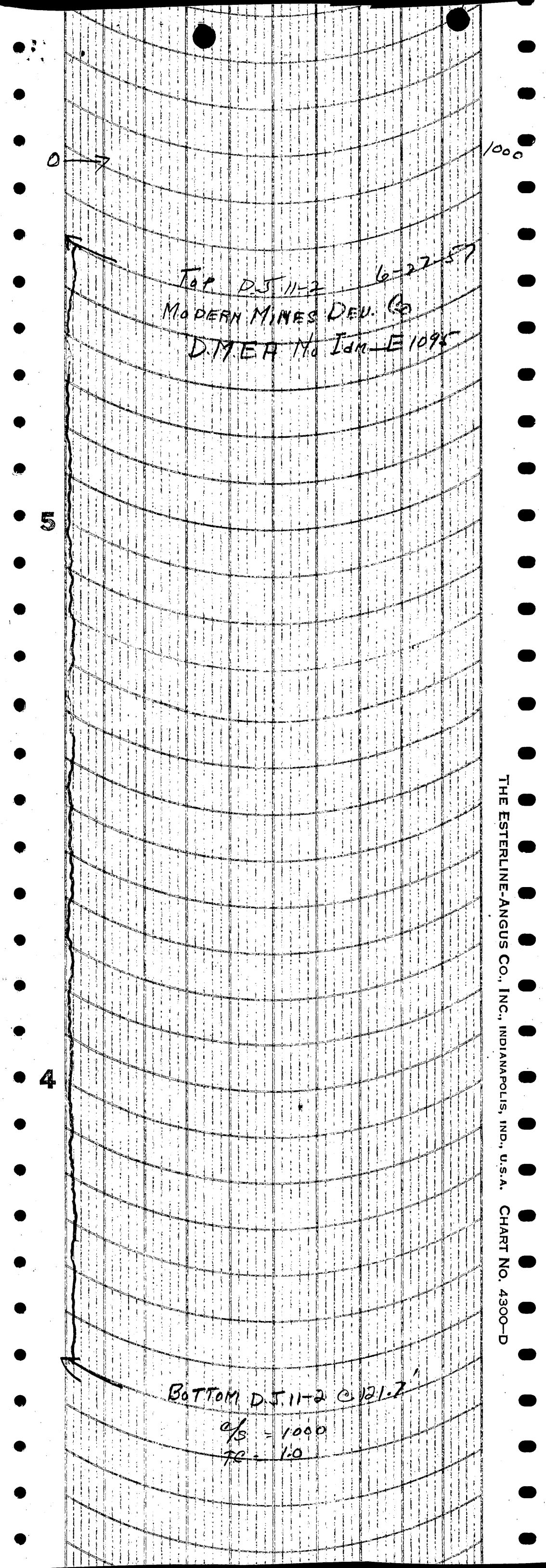
BOTTOM DJ 11-4 @ 1094'

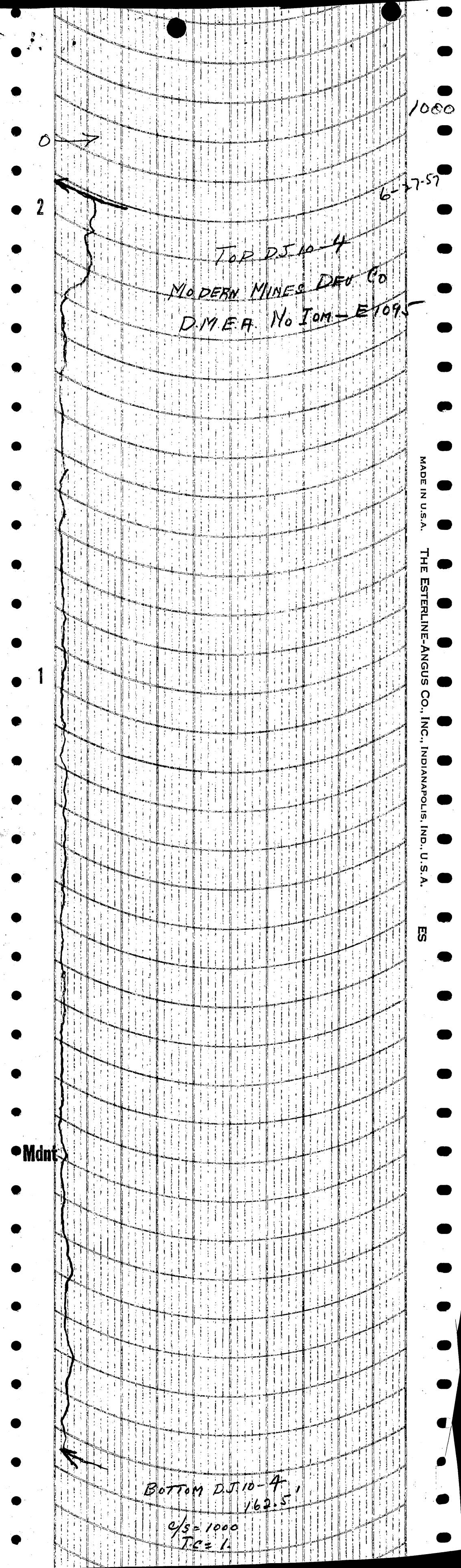
G/S = 1000

T/C = 1.0

MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES


THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A.
CHART NO. 4300-D
0
10
TOP DJ 11-3
MODERN MINES DEV CO
DMEA No IDM-E1095
4
3
BOTTOM DJ 11-3 @ 121.7'
TC = 1.
Cps = 1000


0
1000
Top D.J. 11-2 6-22-57
Modern Mines Dev. Co
D.M.E.H. No Idn. E 1095
5
4
Bottom D.J. 11-2 @ 121.2'
c/s = 1000
FC = 1.0
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. CHART NO. 4300-D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6-27-57
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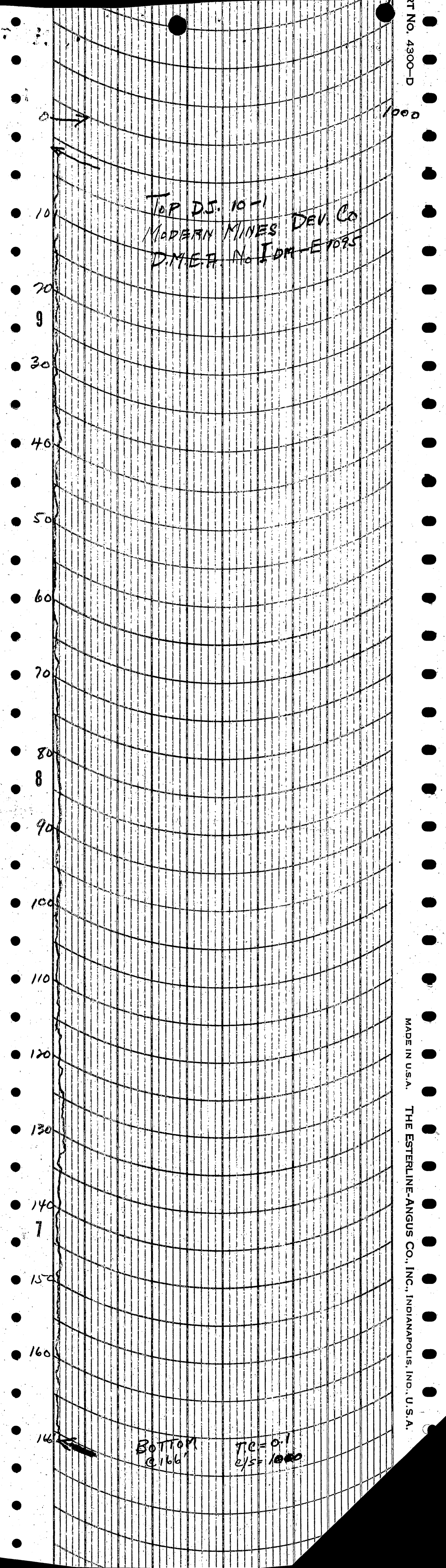
TOP DJ 10-4
MODERN MINES DEV CO
D.M.E.A. No IOM-E1095
1
Mdnt
BOTTOM DJ 10-4
162.5
c/s = 1000
T.C = 1.
MADE IN U.S.A. THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A. ES


RT No. 4300-D
1000
0
10
20
9
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70
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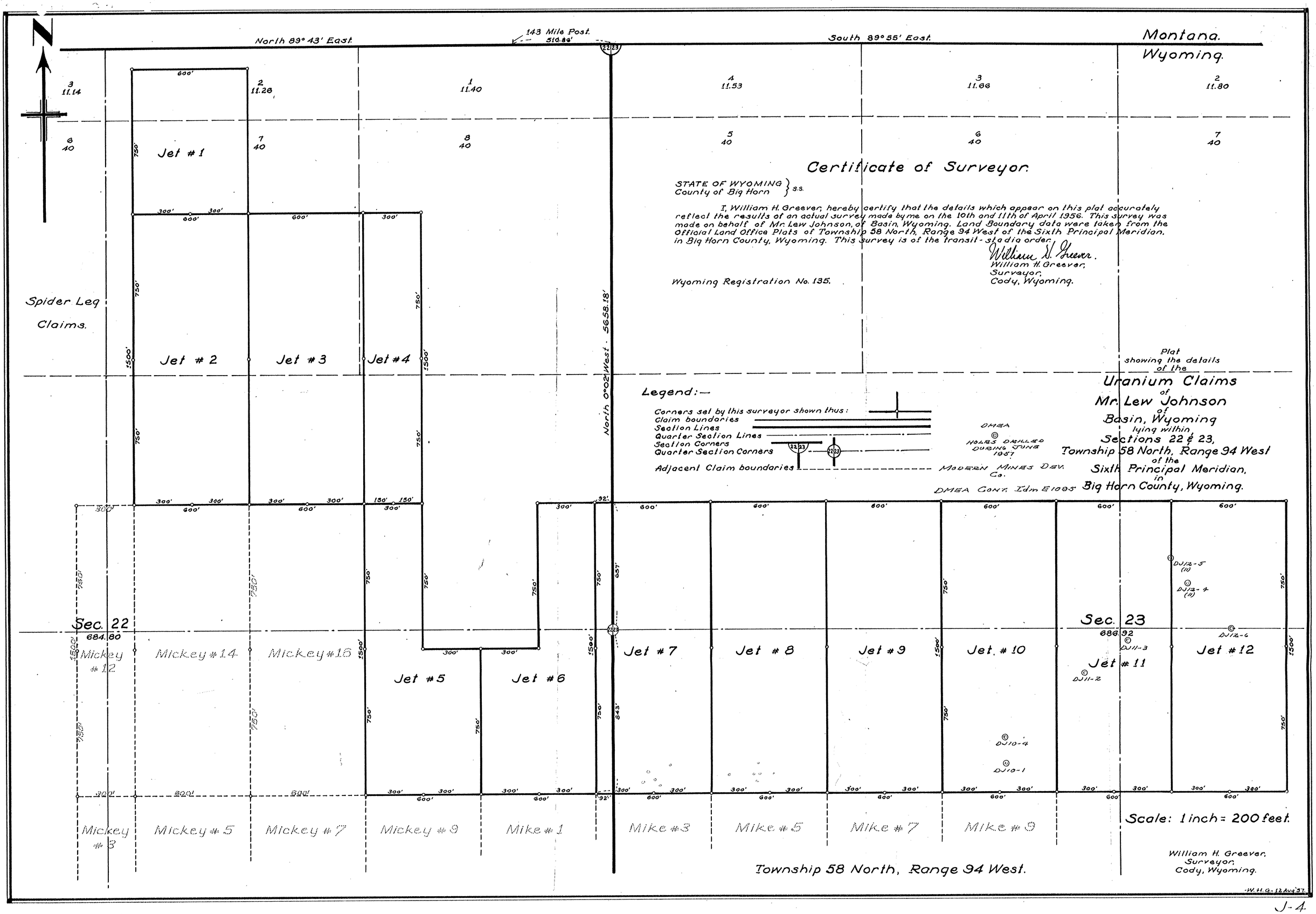
120
130
140
7
150
160
166
TOP DJ. 10-1
MODERN MINES DEV. Co
D.M.E.A. No. I DM-E 1095
BOTTOM
@166'
TC = 0.1
C/S = 1000
MADE IN U.S.A.
THE ESTERLINE-ANGUS CO., INC., INDIANAPOLIS, IND., U.S.A.



Certificate of Surveyor.

STATE OF WYOMING }
County of Big Horn } s.s.

I, William H. Greever, hereby certify that the details which appear on this plat accurately reflect the results of an actual survey made by me on the 10th and 11th of April 1956. This survey was made on behalf of Mr. Lew Johnson, of Basin, Wyoming. Land Boundary data were taken from the Official Land Office Plats of Township 58 North, Range 94 West of the Sixth Principal Meridian, in Big Horn County, Wyoming. This survey is of the transit-stadia order.

William H. Greever.
William H. Greever,
Surveyor,
Cody, Wyoming.

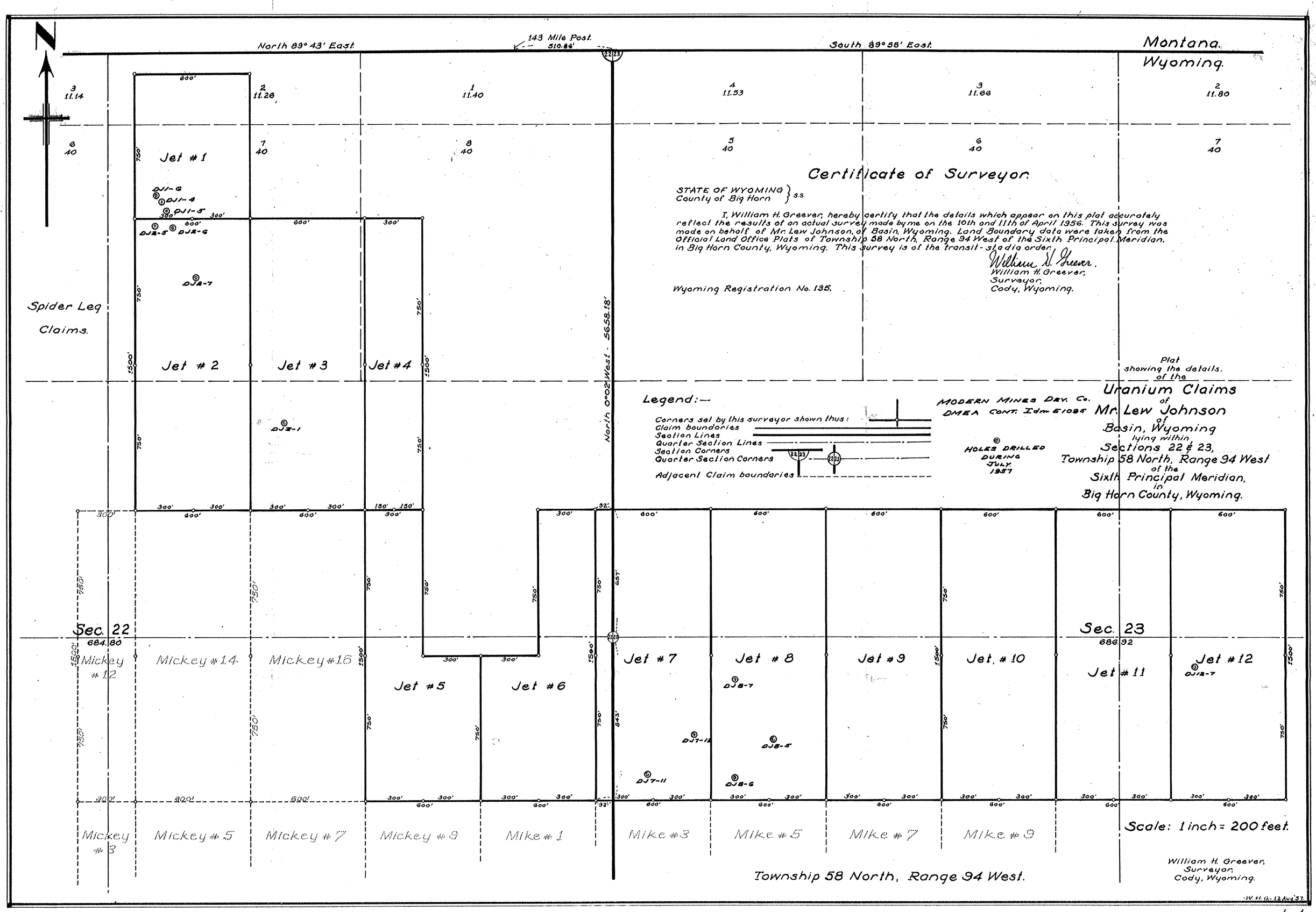
Wyoming Registration No. 135.

Plat showing the details of the

Uranium Claims of Mr. Lew Johnson of Basin, Wyoming

lying within Sections 22 & 23, Township 58 North, Range 94 West of the Sixth Principal Meridian, in Big Horn County, Wyoming.

J-4.



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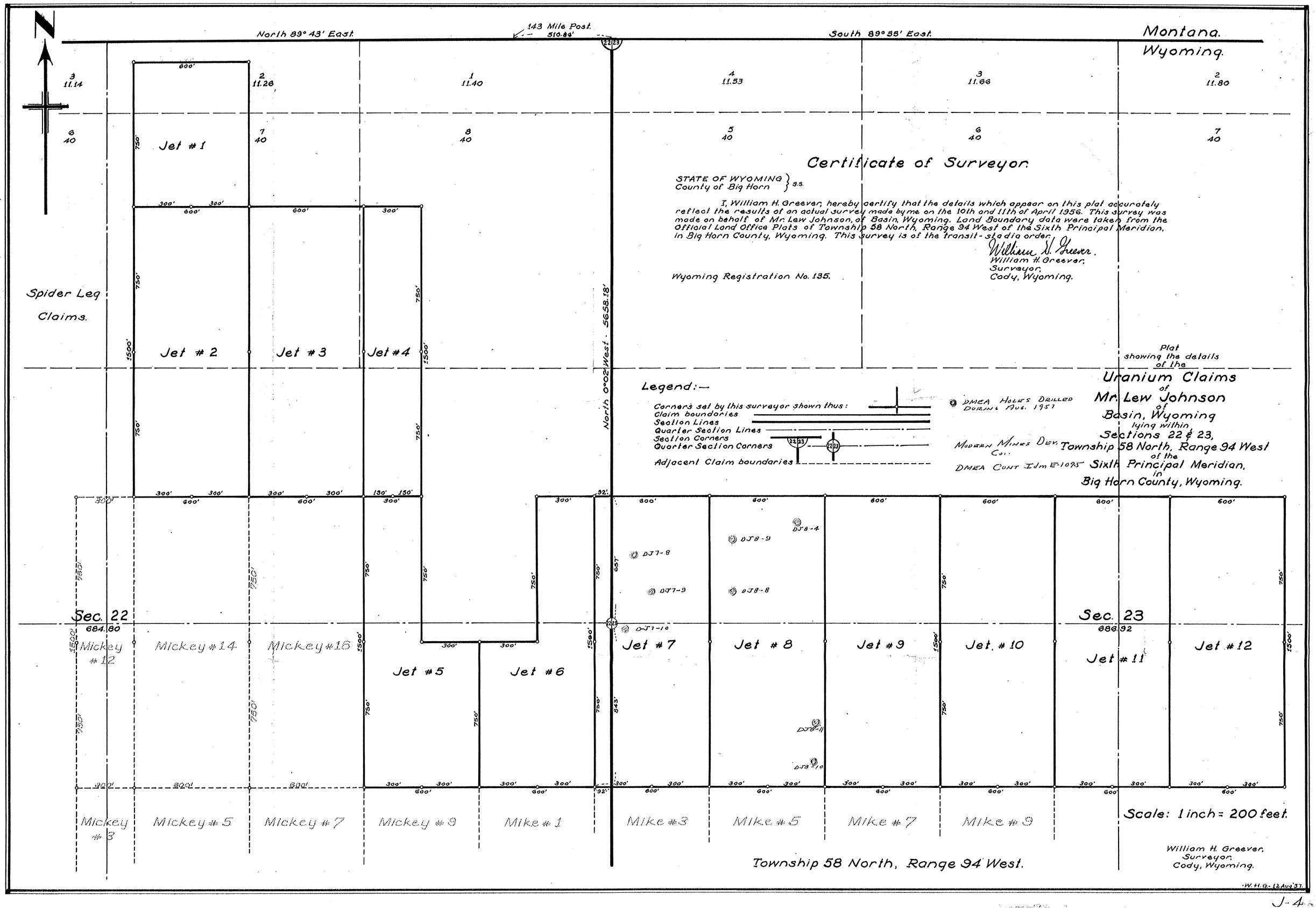

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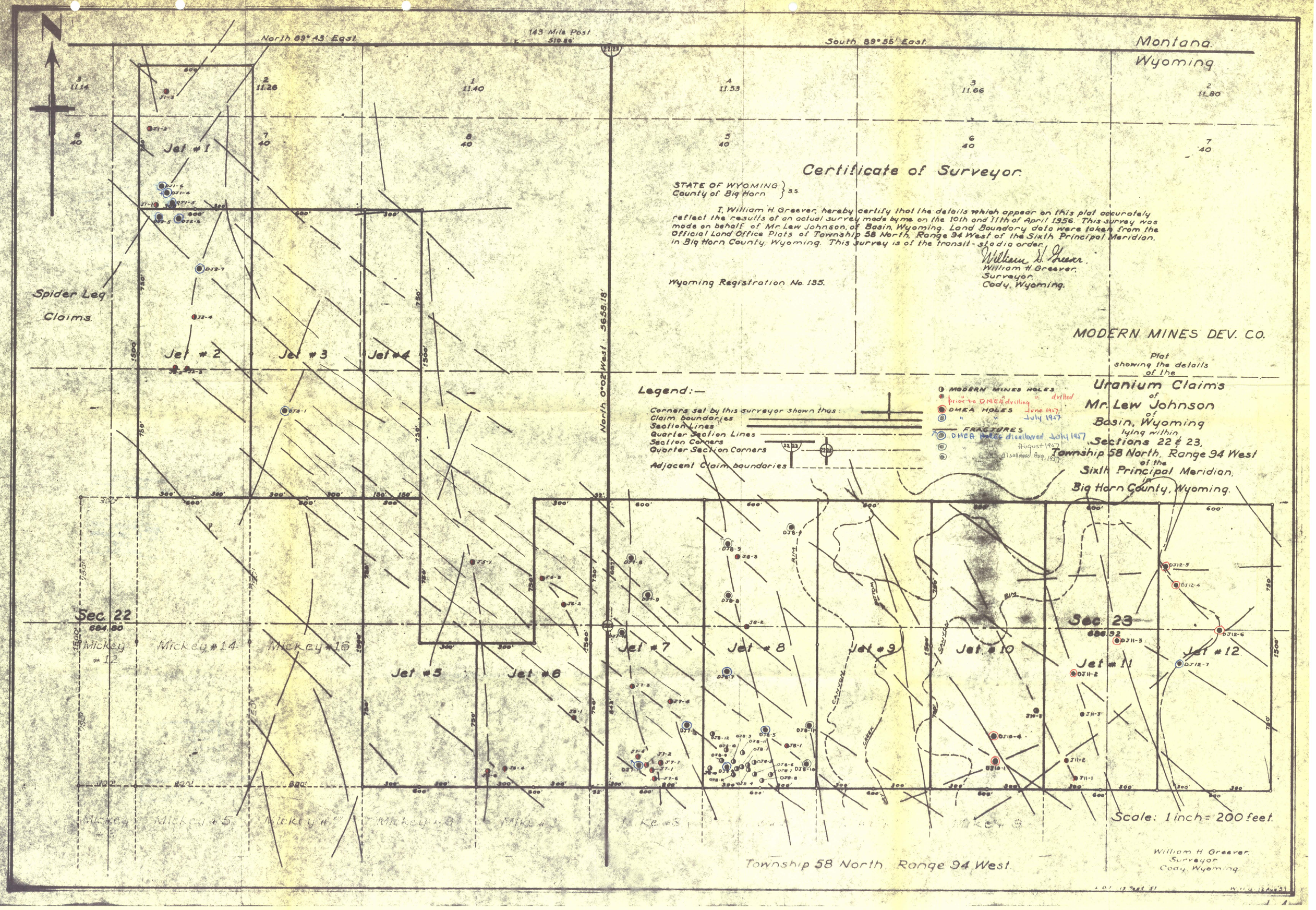
J-4



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William H. Greever.
Surveyor.
Cody, Wyoming.

Wyoming Registration No. 135.

MODERN MINES DEV. CO.

Plat showing the details of the

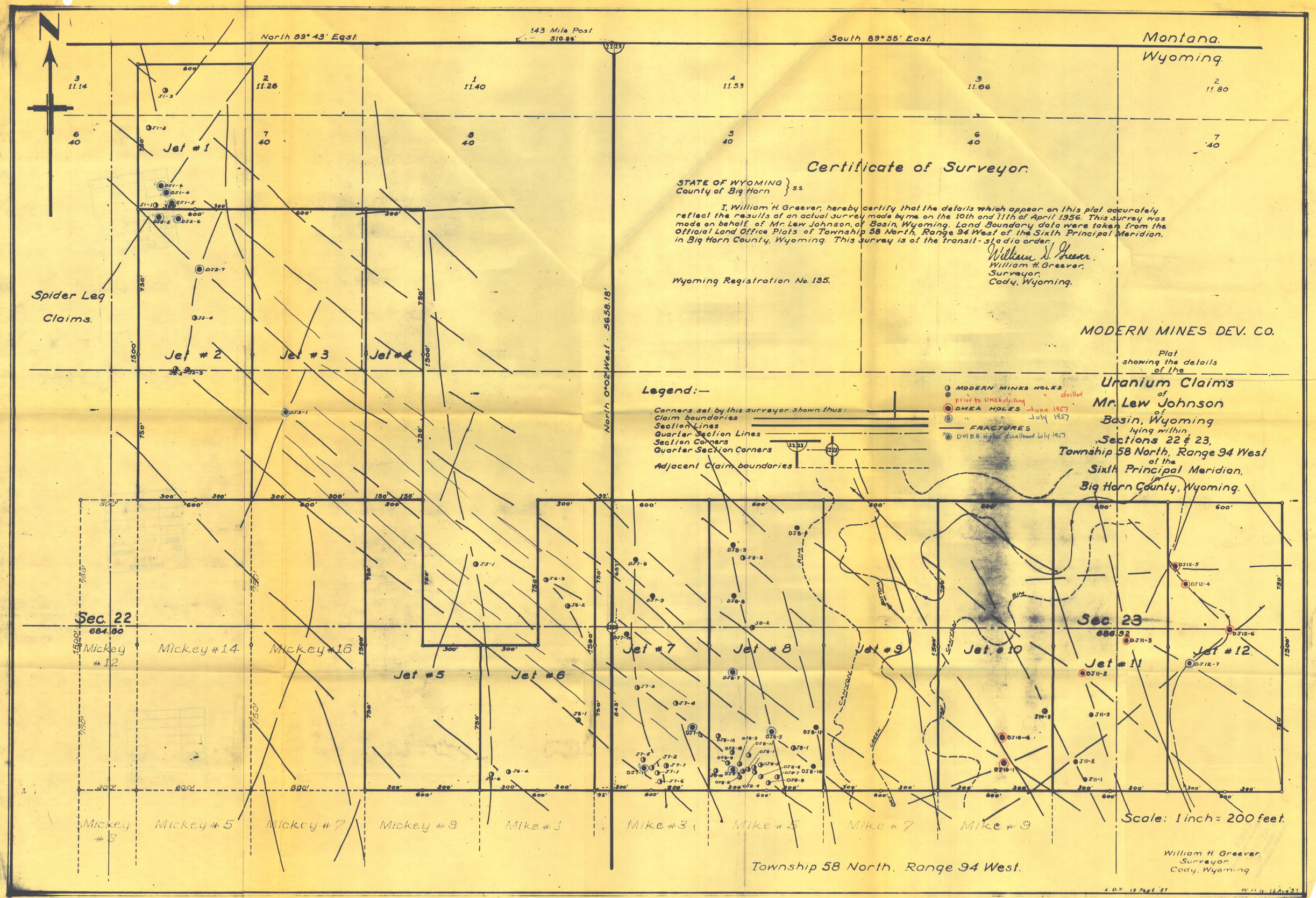
Uranium Claims of Mr. Lew Johnson of Basin, Wyoming

lying within Sections 22 & 23, Township 58 North, Range 94 West of the Sixth Principal Meridian, in Big Horn County, Wyoming.

Legend:—

Corners set by this surveyor shown thus:
Claim boundaries
Section Lines
Quarter Section Lines
Section Corners
Quarter Section Corners
Adjacent Claim boundaries

MODERN MINES HOLES
" " " prior to DMEA drilling
" " " drilled
DMEA HOLES June 1957
" " July 1957
FRACTURES
DMEA HOLES disallowed July 1957
" August 1957
" disallowed Aug. 1957



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William H. Greever,
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Cody, Wyoming.

Wyoming Registration No. 135.

MODERN MINES DEV. CO.

Plat showing the details of the

Uranium Claims

of

Mr. Lew Johnson

of

Basin, Wyoming

lying within

Sections 22 & 23,

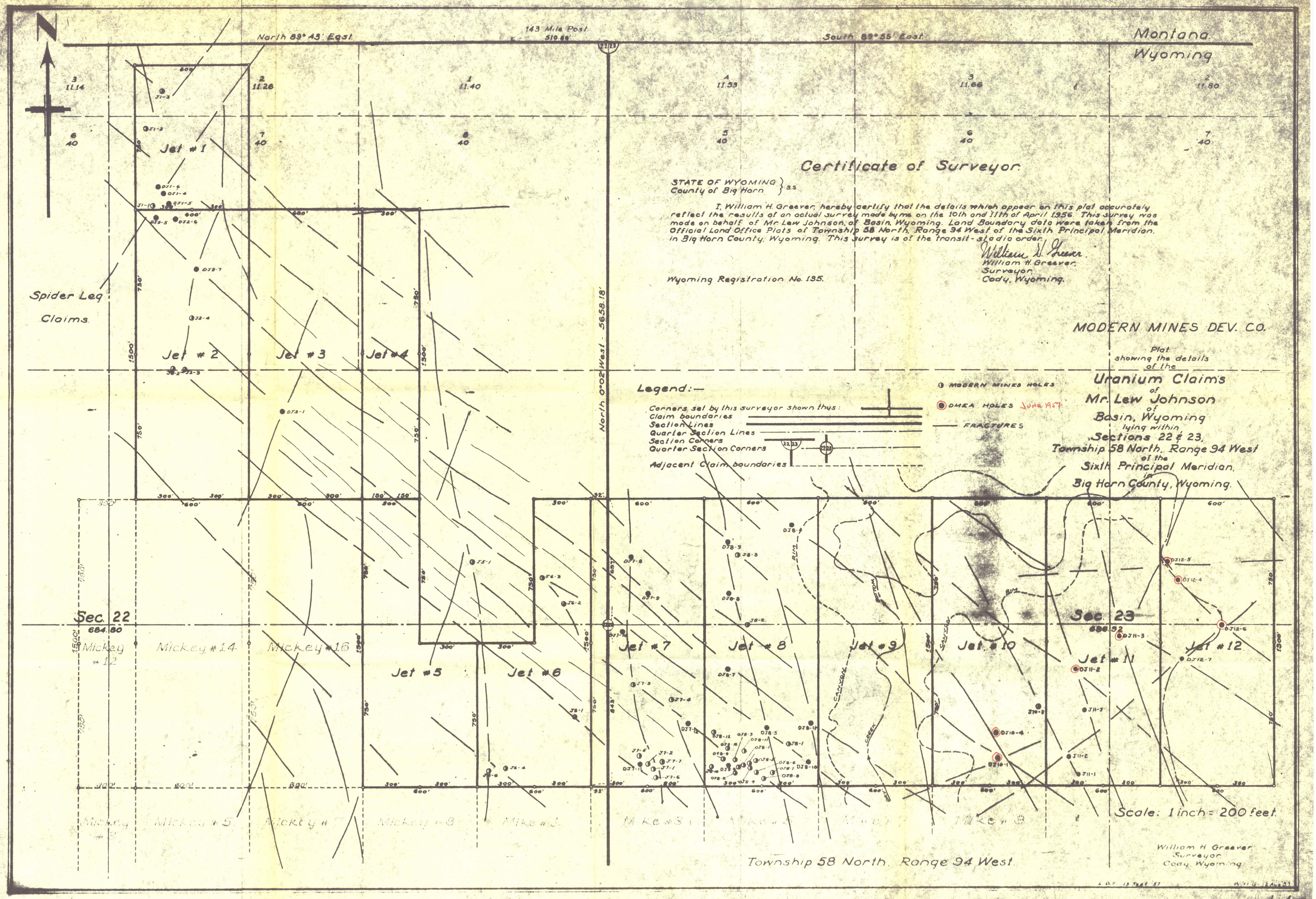
Township 58 North, Range 94 West

of the

Sixth Principal Meridian,

in

Big Horn County, Wyoming.



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MODERN MINES DEV. CO.

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Uranium Claims

of

Mr. Lew Johnson

of

Basin, Wyoming

lying within

Sections 22 & 23,

Township 58 North, Range 94 West

of the

Sixth Principal Meridian,

in

Big Horn County, Wyoming.