UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
224 New Customhouse
Denver 2, Colorado
August 20, 1958

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 25 1958

DATE	INITIALS	CODE
8/25	C	220
"	Fl	110
	mc	700

Memorandum

To: Chairman, Operating Committee, DMEA

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

Subject: Docket No. DMEA 4644 (Uranium) Contract Idm-E1166, Uranium Research and Development Co., (Rim group of claims) Fremont County, Wyoming - FINAL PAYMENT

Enclosed are two copies of a memorandum to T. A. Christensen, dated August 19, 1958, relative to final payment under the terms of the subject contract.

J. W. Townsend

J. W. Townsend

Enclosures

224 New Customhouse
Denver 2, Colorado
August 19, 1958

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 4644 (Uranium) Contract Idm-E1166, Uranium Research and Development Co., (Rim group of claims) Fremont County, Wyoming - FINAL PAYMENT

Reference is made to our memorandum of June 25, 1958, whereby we transmitted the final Form MF-104, Operator's Monthly Report and Voucher for the month of May, 1958, and requested that you withhold the amount of $500.00 from reimbursement to the Operator pending resolution of matters prerequisite to closing the account.

The Operator's final report has been received, therefore we recommend that final payment to the Operator be made on the following basis, which is in conformance with the Report of Review of reported project costs by the Contract Administration and Audit Division, dated August 7, 1958.

Basis for Final Payment

Total accepted cost	$34,143.10
Government participation at 75 percent	25,607.32
Total prior payments	25,107.32
Balance due the Operator	$ 500.00

Original signed by
J. W. TOWNSEND

J. W. Townsend

MEM:hmh

cc: Chem. Op. Comm. (2)
Harshman
Bixyon, DMEA/DFC
Corres. file, Reg. III
MF-104 file, Reg. III
Cooper
Charon

$500.00

8/19/58 DMEA 59-20

FINAL DISTRIBUTION

MADE JUL 2 1958

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

Administrative Audit Difference Statement

Uranium Research & Development Co.
209 Denham Building
Denver, Colorado

Date: June 30, 1958

Payee's Reference: May 1958

DMEA-4644

Gentlemen:

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

Amount Claimed $ 4,992.00

Difference $ None

Amount Approved $ 4,992.00

The reason for the difference was due to:

Withheld an amount of $500.00 pending resolution of matters prerequisite to closing the account. The Operator has informed this office that it will request termination of the contract in its present status.

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 7 1958

DATE	INITIALS	CODE
7/7	C	220
"	FEJ	110
7/8	MC	700

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

Very sincerely yours,

N. E. Stokes
Audit Section

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

224 New Customhouse
Denver 2, Colorado
June 25, 1958

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 4644 (Uranium) Contract Idm-E1166, Uranium Research and Development Co., (Rim group of claims) Fremont County, Wyoming - Operator's Monthly Progress Report for the month of May, 1958

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.

Owing to misinterpretation of work approvals the Operator failed to report the cost of 185 feet of acceptable Stage II drilling. The Operator is aware of the error but has informed this office that it does not intend to request reimbursement for the footage.

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. All of the work was performed at "Fixed Unit Costs" under the short form contract on Form MF-200A, therefore documentation of the costs is not required. We recommend that payment be made to the Operator for 75 percent of the amount reported on Form MF-104, subject to your verification of applicable rates and arithmetical accuracy within the report, except for the following deduction:

Withhold an amount of $500.00 pending resolution of matters prerequisite to closing the account. The Operator has informed this office that it will request termination of the contract in its present status.

Remarks:

Date of Report----------June 5, 1958
Date Received in Field Office----------June 12, 1958
Date Received in Region Office----------June 17, 1958

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

Original signed by
J. W. TOWNSEND

J. W. Townsend

DMEA
DEPARTMENT OF THE INTERIOR

REGION III

JUN 25 1958
REGION III
DENVER, COLORADO

Building 20
Denver Federal Center
Denver 2, Colorado
June 24, 1958

Memorandum

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

From: E. O. Binyon

Subject: Docket DMEA 4644 (Uranium) Contract I4m-K1166
Uranium Research and Development Co. (Kim group of claims)
Fremont County, Wyoming -- Progress report for May 1958

An inspection was made of the work completed during the subject period on May 28, 1958. No one was at the property at the time of the inspection.

The locations and depths of all holes except hole No. 2-112 were checked and found to be as shown on the operator's map and reported on the logs. A visual check of the cuttings showed mineralization in 4 holes. The counter was not in working order and no radiometric check of the cuttings could be made. A check of the MF-194 and 104A forms showed them to be correct and properly prepared. As stated by the operator the 195 feet that were over drilled were deducted from the 5675 feet the total footage drilled, leaving a total of 5480 feet claimed.

The fifteen analyses made are properly documented. It is recommended that the operator be paid $3,744.00 or the Government's share at 75 percent of $4,992.00 the amount claimed.

As this completes any forseeable drilling under the contract it is further recommended that $500.00 be withheld from payment pending receipt of a final report with the necessary maps and data on the project. One copy of the logs and map have been retained in this office.

The contract expires August 15, 1958.

E O Binyon
E. O. Binyon
Mining Engineer

EOB/mr cc:6 I4m-K1166 chron

DMEA
DEPARTMENT OF THE INTERIOR
JUN 17 1958
REGION III
DENVER, COLORADO

URANIUM RESEARCH & DEVELOPMENT CO.
209 Denham Bldg.
Denver, Colorado

June 9, 1958

DMEA
DEPARTMENT OF THE INTERIOR
JUN 11 1958
REGION III
DENVER, COLORADO

Executive Officer
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4644 (Uranium)
Contract No. Idm-E1166
Uranium Research & Development Co.
Rim Group Claims
Fremont County, Wyoming

Dear Sir:

Transmitted herewith are the original and four copies of the monthly report for May showing the progress of exploration of Uranium Research and Development Co., under the above captioned contract.

The following reports are included:

1. Form MF 104
2. Form MF 104A
3. Signed narrative report
4. Lithologic and radioactivity logs of each completed drill hole
5. Claim map showing location of completed depths, formation bottomed in, and intensity of radioactivity.
6. Certified copy of assay results.

Sincerely yours,

Ralph L. Erickson

Ralph L. Erickson
URANIUM RESEARCH & DEVELOPMENT CO.

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

Budget Bureau No. 42-R1036.5

RECEIVED JUL 17 D.M.E.A.

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

Month of May, 1958 Docket No. DMEA 4644 Contract No. dm E-1166
Operator's Name Uranium Research & Development Co. Minerals Uranium
Address 209 Denham Bldg., Denver, Colo.
Contract Amount, $ 53,760.00 Government Participation: 75% Amount, $ 40,320.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling Stage I		$21,641.40	21,641.40			
Bulldozing		312.00	312.00			
~~[illegible]~~ Assays		68.00	68.00			
Drifting						
(2) Labor and Supervision:						
~~[illegible]~~ Stage II	4,932.00	6,869.70	11,801.70			
Supervision		260.00	260.00			
Technical Services	60.00	---	60.00			
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	4,992.00	29,151.10	34,143.10	4992.00	29151.10	34143.10

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

Date 6/5/58 *Payee Uranium Research & Development Co.

Per Ralph Erickson Title Vice President

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

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

(Instructions on reverse)

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

$ 32,44 00

Signature (Authorized Certifying Officer)

Date 7/1/58 Voucher No. DMA 59-1

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Title E 1146 in accordance with the terms of the contract.

Signature E. Bunyon (# 3744.00 Title Money Engineer Date June 16, 1958

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature J. W. Lowrance Title Alternate acting Executive Officer Date JUN 25 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 1958 Docket No. DMEA 4644 Contract No. Idm E-1166
Operator's Name Uranium Research & Development Co. Minerals Uranium
Address 209 Denham Bldg, Denver 2, Colo.

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
~~Drilling~~ Stage I Drilling	ft.			$21,641.40	24,046	$ .90	31,500	$ .90
Crosscutting Bulldozer	hr.			312.00	24	13.00	24	13.00
Raising Assays	ea.			68.00	17	4.00	200	4.00
Shafts								
Winzes								
Drilling: ~~Core~~ Stage II	ft.	$4932.00	5480	11,801.70	13,115	.90	26,000	.90
Churn								
Auger								
Stripping				260.00	20	13.00	20	13.00
Trenching								
Test Pits Assays	ea.	60	15	60.00	15	4.00	160	4.00
Roads and Trails								
Total Distributed Costs		4,992.00		$34,143.10				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs								

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

Date 6/5/58 Operator Uranium Research & Development Co.
Per Ralph L. Erickson Title Vice President

Ralph L. Erickson

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)

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

NARRATIVE REPORT

June 9, 1958

Re: Docket No. DMEA 4644 (Uranium)
Contract No. Idm E-1166

Exploration under the Stage II program was completed May 31, 1958. Twenty-nine drill holes as 125' offsets of mineralized and ore grade holes were completed this month. The total footage drilled this month under the DMEA program was 5675. In order to compensate for topographic variations, seven holes were drilled in excess of the authorized depth. The excess footage totaled 195 feet so that only 5480 feet is reported on Form 104A.

The drill hole locations showing degree of radioactivity detected, together with the completed Stage I program, are shown on the accompanying map.

The lithologic and radiometric logs of the completed drill holes are reported on form sheets. These sheets also show the collar elevation, total depth, and depth to and elevation of the unoxidized or "blue" zone.

All holes have been drilled with air insofar as possible and completed with water. Samples have been taken for every two feet drilled and a split of the cuttings have been stored for government use.

Seventeen of the twenty-nine holes completed in May show mineralization of .05%U_3O_8 or better in the unoxidized or "blue" zone. Nine of these holes showed mineralization between .10 and 20%U_3O_8 and three showed mineralization greater than .20%U_3O_8. Unfortunately, the thickness of the ore grade intervals averages less than four feet which would probably preclude an economic mining operation particularly because the ore intervals are not consistent but occur sporadically in a vertical depth range of forty to 245 feet. However, some of the more promising mineralized areas should be drilled on fifty foot center when exploration and development work becomes feasible in relation to the ore marketing conditions in the Gas Hills district.

URANIUM RESEARCH & DEVELOPMENT CO.

Ralph L. Erickson

Ralph L. Erickson
Project Geologist

URANIUM CENTER LABORATORY
915 ELK DRIVE
RIVERTON, WYO.
PHONE UL 6-2879

OFFICIAL ANALYSIS REPORT FOR:

~~Uranium~~

Lab. No.	Customer's Sample No.		U_3O_8
1	2 - 100	46 - 48	0.08
2	2 - 100	102 - 104	0.08
3	2 - 100	104 - 106	0.03
4	2 - 100	106 - 108	0.06
5	2 - 100	108 - 110	0.08
6	2 - 98	60 - 62	0.03
7	2 - 98	62 - 64	0.02
8	H - 85	242 - 244	0.11
9	H - 85	232 - 234	0.16
10	H - 85	234 - 236	0.10
11	H - 89	32 - 34	0.32
12	H - 89	34 - 36	0.34
13	H - 89	144 - 146	0.29
14	2 - 104	68 - 70	0.05
15	2 - 104	70 - 70	0.04

Assayer—John K. Schneider
A.E.C. Umpire Analyst

No. Assays 15 at 4.00 cr sho 60.00

Credit balance _____ Balance due _____

Total due 60.00

DRILLING DATA

Hole No. M - 79 Date Drilled 6/10/58

Elevation 6680 Total Depth 80

Elevation Unoxidized Zone 71 (6609) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 80				

No significant radioactivity detected.

Logged by Century Geophysical Corporation
Drilled with air to 62'; completed with water

Lithological Log

WIND RIVER FORMATION

0 - 80 Sandstone; yellow brown, coarse-grained and conglomeratic, arkosic, rusty brown 53-55'; becomes gray and unoxidized at 71'.

DRILLING DATA

Hole No. M - 80 | Date Drilled 5/16/80

Elevation 6750 | Total Depth 110

Elevation Unoxidized Zone 76' (6674) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 110	No significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with air.

Lithological Log

WIND RIVER FM:

0 - 110 Sandstone; yellow to yellow brown, coarse-grained to conglomeratic, arkosic; rusty brown 18-20'. Gray clay streaks 56-60'; Unit becomes gray and unoxidized at 76'.

Only 100' allowed by D.N.R.A.

DRILLING DATA

Hole No. M - 81

Date Drilled 5/16/58

Elevation 6753

Total Depth 110'

Elevation Unoxidized Zone 86 (6667)

Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade	Assay Data eU
0 - 110	No significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with air to 50'; completed with water.

Lithological Log
WIND RIVER FM:

0 - 110 Sandstone; yellow to yellow brown, coarse-grained to conglomeratic, arkosic; blue gray shaly siltstone 48-56' and 74-77'. Unit becomes gray and unoxidized at 86'.

Only 100' authorized by D.M.E.A.

DRILLING DATA

Hole No. M - 82 Date Drilled 5/13/58

Elevation 6871 Total Depth 210

Elevation Unoxidized Zone 55 (6816) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0-210	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with water.

Lithological Log

WIND RIVER FORMATION

0 - 210 Sandstone; pale grayish yellow to yellow brown, coarse-grained and conglomeratic particularly in upper 30', arkosic. Becomes gray and unoxidized at 55'.

DRILLING DATA

Hole No. _____ Date Drilled _____

Elevation M - 83 Total Depth 5/15/58

Elevation Unoxidized Zone 6340 Property 260

113 (6723) Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 203	No significant radioactivity detected.			
203-205	6337-6335	2'	.36%U_3O_8	
205-260	No significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with water.

Lithological Log

WIND RIVER FM:

0 - 14 Alluvium;

14 - 260 Sandstone; pale grayish yellow, conglomeratic, arkosic; blue gray clayey siltstone 21-31'; become gray and unoxidized at 118'.

DRILLING DATA

Hole No. M - 85 (11-1)

Date Drilled 5/9/58

Elevation 6868

Total Depth 260

Elevation Unoxidized Zone 102 (6766)

Property Rim

RADIOACTIVITY LOG

Depth		Elevation	Thickness	Est. Grade	Assay Data eU	U_3O_8	U_3O_8
0 - 99	No significant radioactivity detected						
99 - 101		6768-6766	2'	.1%eU$_3O_8$			
101 - 113	No significant radioactivity detected						
113 - 116		6755-6752	3'	.065%eU$_3O_8$			
116 - 230	No significant radioactivity detected.						
230 - 233		6638-6635	3'	.54%eU$_3O_8$	232-234	.15	?
233-239	No significant radioactivity detected.				234-236	.03	.10
239 - 243		6629-6625	4'	1.1%eU$_3O_8$	242-244	.10	.11
243 - 250	No significant radioactivity detected.						

Logged by Century Geophysical Corp.
Drilled with air to 102; completed with water.

Lithological Log

WIND RIVER FORMATION:

0 - 260 Sandstone; pale grayish yellow to yellow brown, coarse-grained to conglomeratic, arkosic; coarsely conglomeratic 6-32'; sandy siltstone 32-38'; gray sandy siltstone 65-67'; becomes gray and unoxidized at 102'.

DRILLING DATA

Hole No. M - 86 | Date Drilled 6/15/58

Elevation 6814 | Total Depth 230

Elevation Unoxidized Zone 144 (6670) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 188	No significant radioactivity detected.			
188 - 190	6626-6624	2'	.15%eU_3O_8	
190 - 230	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with water

Lithological Log

WIND RIVER FM:

0 - 230 Sandstone; pale grayish yellow, coarsely conglomeratic, arkosic; yellow gray and blue gray silty clay seams 18-21'; sandstone is yellow brown 90-144'; becomes gray and unoxidized at 144'.

DRILLING DATA

Hole No. H - 87 | Date Drilled 6/9/58

Elevation 6784 | Total Depth 210

Elevation Unoxidized Zone 127 (6657) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 158	No significant radioactivity detected.			
158 - 160	6626-6624	2'	.125% U_3O_8	
160 - 210	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with water.

Lithological Log

WIND RIVER FM:

0 - 210 Sandstone; pale grayish yellow to brown, very coarse grained and conglomeratic particularly in upper 20'. Becomes gray and unoxidized at 127'.

DRILLING DATA

Hole No. M - 89 | Date Drilled 5/9/58

Elevation 6862 | Total Depth 260

Elevation Unoxidized Zone 150 (6712) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU	eU_3O_8	U_3O_8
0 - 30	No significant radioactivity detected					
30 - 35	6832-6827	5'	.23% eU_3O_8 (oxidized zone)			
35 - 46	No significant radioactivity detected			33-34	.25	.32
46-47	6816-6815	1'	.115% eU_3O_8 (oxidized zone)	34-36	.27	.34
				44-46	.30	.29
47 - 241	No significant radioactivity detected.					
241 - 244	6621-6618	3'	.056% eU_3O_8			
244 - 258	No significant radioactivity detected.					

Logged by Century Geophysical Corp. - Drilled with air to 46' completed with water

Lithological Log

Wind River Fm:

0 - 260 **Sandstone:** pale grayish yellow, coarse-grained to conglomeratic, arkosic; very coarsely conglomeratic 0 - 20'; yellow gray sandy siltstone 34-46'; blue gray pyritic sandy siltstone 50-66'; becomes gray and unoxidized at 150'.

DRILLING DATA

Hole No. [illegible] 80 | Date Drilled 3/23/80

Elevation 6770 | Total Depth 180

Elevation Unoxidized Zone 118 (6660) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 98	No significant radioactivity detected.			
98 - 99	6680-6679	1'	.10% eU_3O_8	(oxidized zone)
99 - 101	No significant radioactivity detected.			
101 - 102	6677-6676	1'	.05% eU_3O_8	(oxidized zone)
102 - 180	NO significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with water.

Lithological Log

WIND RIVER FM:

0 - 180 Sandstone; pale grayish yellow to yellow brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 118'.

Only 170' authorized.

DRILLING DATA

Hole No. U - 91 (16-2) Date Drilled 5/7/58

Elevation 6859 Total Depth 195

Elevation Unoxidized Zone 90 (6769) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 195	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air to 45'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 195 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Much interbedded gray blue siltstone 75-90'. True unoxidized zone at 90'. Very coarse and conglomeratic 150' to T.D.

Only 150' authorized

DRILLING DATA

Hole No. M - 92 | Date Drilled 5/13/58

Elevation 6854 | Total Depth 170

Elevation Unoxidized Zone 63 (6791) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 170	No significant radioactivity detected.			

Logged by Century Geophysical Corporation.
Drilled with air to 90'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 170 Sandstone; pale grayish yellow, coarse-grained and conglomeratic, arkosic; yellow gray sandy siltstone 34' becoming greenish gray 38-45'; unoxidized zone at 65'.

DRILLING DATA

Hole No. M - 93 Date Drilled 5/12/58

Elevation 6850 Total Depth 160

Elevation Unoxidized Zone 120 (6730) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 160	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air to 66'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 160 Sandstone; pale grayish yellow, coarse-grained to conglomeratic (particularly 0-34'), arkosic; yellow gray sandy siltstone 34-44'. Blue gray silty claystone 62-74'; becomes gray and unoxidized at 120'.

DRILLING DATA

Hole No. 11 - 94 | Date Drilled 6/13/80

Elevation 6805 | Total Depth 100

Elevation Unoxidized Zone 40 (6765) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 39	No significant radioactivity detected.			
39 - 41	6766-6764	2'	.06%eU_3O_8	
41 - 66½	No significant radioactivity detected.			
66½-68½	6738½-6736½	2'	.065%eU_3O_8	
68½-100	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air.

Lithological Log

WIND RIVER FM:

0 - 100 Sandstone; yellow brown to brown, coarse-grained to congl omeratic, arkosic; becomes gray and unoxidized at 40'.

DRILLING DATA

Hole No. M - 95 Date Drilled 6/2/58

Elevation 6801 Total Depth 150

Elevation Unoxidized Zone 76 (6725) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade	Assay Data
0 - 48	No significant radioactivity detected.			eU
48 - 50	6753-6751	2'	.03% U_3O_8	
50 - 150	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air to 75'; completed with water.

Lithological Log

0 - 13 Alluvium

WIND MYVER FORMATION

13 - 150 Sandstone; yellow brown to brown, coarse-grained to conglomeratic, arkosic. Gray siltstone 32-34' and 36-44'; Sandstone is gray and unoxidized 44-56' then becomes yellow brown again to 76'. True unoxidized zone begins 76'.

Only 100' authorized.

DRILLING DATA

Hole No. M - 96 (28-13)

Date Drilled 5/2/58

Elevation 6796

Total Depth 150

Elevation Unoxidized Zone 30 (6766)

Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 28	No significant radioactivity detected.			
28 - 30	6768-6766	2'	.034% eU_3O_8	
30 - 150	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air to 62'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 150 Sandstone; brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 30' underlain by gray green sandy siltstone and claystone to 44'. Very pale gray medium to coarse-grained sandstone 44-52'.

Only 100' authorized

DRILLING DATA

Hole No. 2 - 97 Date Drilled 5/15/58

Elevation 6846 Total Depth 150

Elevation Unoxidized Zone 112 (6734) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0-150	No significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with air to 40'; completed with water.

Lithological Log
WIND RIVER FM :

0 - 150 Sandstone; brown, coarse grained to conglomeratic, arkosic; gray silty sandstone 14-18' and 21-26'. Becomes gray and unoxidized at 112' with much silt and clay to 138'.

DRILLING DATA

Hole No. ~~(2-09) (7-1)~~ Date Drilled 5/9/58

Elevation 6889 Total Depth 200

Elevation Unoxidized Zone 118 (6770) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU	eU_3O_8	USO_2
0 - 60	No significant radioactivity detected.					
60 - 63	6828-6825	3'	.07%eU_3O_8			
63 - 157	No significant radioactivity detected.			60-62	.04	.03
157 - 159	6731-6729	2'	.16%eU_3O_8	62-64	.03	.02
159 - 165	No significant radioactivity detected.					
165 - 168	6723-6720	3'	.034%eU_3O_8			
168 - 200	No significant radioactivity detected.					

Logged by Century Geophysical Corp.
Drilled with air to 90'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 200 Sandstone; pale grayish yellow to yellow brown, coarse-grained to conglomeratic, arkose; very coarsely conglomeratic in upper 30'; gray sandy siltstone 36-44' and 62-80' (interbedded with gray sandstone). Becomes gray and unoxidized at 118'. Coarsely conglomeratic in lower 22'.

DRILLING DATA

Hole No. 2-99 (61-3) Date Drilled 5/12/58

Elevation 6893 Total Depth 210

Elevation Unoxidized Zone 64 (6829) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 24	No significant radioactivity detected.			
24 - 26	6869-6867	2'	.044%eU$_3$O$_8$	(oxidized zone)
26 - 37	No significant radioactivity detected.			
37 - 40	6856-6853	3'	.08%eU$_3$O$_8$	
40 - 116	No significant radioactivity detected.			
116 - 117	6777-6776	1'	.085%eU$_3$O$_8$	
117 - 177	No significant radioactivity detected.			
177 - 178	6716-6715	1'	.08%eU$_3$O$_8$	
178 - 200	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air to 98'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 210 Sandstone; pale grayish yellow, conglomeratic, arkosic; yellow gray sandy siltstone 20-30'; green gray sandy siltstone 40-48'; becomes gray and unoxidized at 64' marked by green gray silty sandstone to 72' underlain by 4' of distinct greenish yellow sandstone unit.

DRILLING DATA

Hole No. ~~(3-109) (31-2)~~

Date Drilled 5/12/58

Elevation ~~6889~~

Total Depth 210

Elevation Unoxidized Zone ~~74 (6815)~~

Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU	U_3O_8	U_3O_8
0 - 29	No significant radioactivity detected.					
29 - 31	6860-6858	2'	.034%eU_3O_8 (oxidized zone)			
31 - 38	No significant radioactivity detected.			46-48	.05	.08
38 - 48	6851-6841	10'	.044%eU_3O_8	102-104	.03	.08
48 - 98	No significant radioactivity detected.			104-106	.03	.03
98 - 107	6791-6782	9'	.10%eU_3O_8	106-108	.03	.08
	(contains 3' of .10%eU_3O_8 104-107)			108-110	.05	.03
107 - 195	No significant radioactivity detected.					

Logged by Century Geophysical Corp.
Drilled with air to 118'; completed with water.

Lithological Log

WIND RIVER FM:

0 - ~~199~~ 210 Sandstone; pale grayish yellow to brown, coarse-grained to conglomeratic, arkosic; very coarsely conglomeratic in upper 46'; fine-grained gray silty sandstone 46-49'; gray sandstone 64-66'; unit becomes gray and unoxidized at 74'. Gray siltstone 86-88'; dark brown carbonaceous stringers 120-122'.

DRILLING DATA

Hole No. (2-101) (61-1)

Date Drilled 5/12/58

Elevation 6880

Total Depth 210

Elevation Unoxidized Zone 70 (6810)

Property Rim

0 - 61

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade	Assay Data
0 - 41	No significant radioactivity detected.			
41 - 44	6848-6845	3'	.08% eU_3O_8	eU
44 - 71	No significant radioactivity detected.			
71 - 72	6818-6817	1'	.07% eU_3O_8	
72 - 75	No significant radioactivity detected.			
75 - 77½	6814-6811½	2½'	.10% eU_3O_8	
77½ - 152	No significant radioactivity detected.			
152 - 153	6757-6756	1'	.084% eU_3O_8	
153 - 200	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air to 75'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 210 Sandstone; pale grayish yellow to yellow brown, coarse-grained to conglomeratic, arkosic; gray silty sandstone 46-50'; becomes gray and unoxidized at 70'; blue gray claystone stringers 70-95'.

DRILLING DATA

Hole No. 2-104 (61-4)

Date Drilled 5/13/58

Elevation 6887

Total Depth 200

Elevation Unoxidized Zone 60 (6819)

Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe		Assay Data eU	
0 - 42	No significant radioactivity detected.					
42-46	6845-6841	4'	.09	68-70	.03	.05
46-68	No significant radioactivity detected					
68-70	6819-6817	2'	.12	70-72	.04	.04
70-200	No significant radioactivity detected.					

Logged by Century Geophysical Corp.
Drilled with air to 105'; completed with water.

Lithological Log
WIND RIVER FM:

0 - 200 Sandstone; pale grayish yellow to yellow brown, coarse-grained to conglomeratic, arkosic, gray green silty sandstone 45-47. Becomes gray and unoxidized at 63' with fine gray green silty sandstone to 100'.

DRILLING DATA

Hole No. R - 103 | Date Drilled 6/10/59

Elevation 6875 | Total Depth 250

Elevation Unoxidized Zone 60 (6819) | Property Nim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 54	No significant radioactivity detected.			
54 - 58	6820-6821	4'	.09	
58 - 250	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with air to 90'; completed with water.

Lithological Log

WIND RIVER FM:

0 - 250 Sandstone; pale grayish yellow, coarsely conglomeratic to 30', arkosic. Gray green sandy siltstone 31-39'. Becomes gray and unoxidized at 60' with greenish gray silty sandstone to 90'.

Only 200' authorized by D.M.E.A.

DRILLING DATA

Hole No. 2 - 107

Date Drilled 6/10/56

Elevation 6858

Total Depth 200

Elevation Unoxidized Zone 46 (6813)

Property Min

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade	Assay Data
0 - 200	No significant radioactivity detected.			eU

Logged by Century Geophysical Corp.
Drilled with water.

Lithological Log
Wind River Fm:

0 - 200 Sandstone: pale grayish yellow, coarsely conglomeratic to 21', arkosic; yellow orange to yellow gray claystone 21 to 32'; becomes gray and unoxidized at 45'. Green gray sandy siltstone 66-75 underlain by coarse-grained sandstone; much pyrite in lower part.

DRILLING DATA

Hole No. _____ Date Drilled 5/16/58

Elevation 2-103 Total Depth 200

Elevation Unoxidized Zone 130 (6658) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 200	No significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with water.

Lithological Log

WIND RIVER FM:

0 - 200 Sandstone; yellow brown to pale grayish yellow, coarse-grained and conglomeratic, arkosic. Becomes gray and unoxidized at 130'. No significant siltstone or claystone breaks to the unoxidized zone.

DRILLING DATA

Hole No. 2-109 | Date Drilled 5/15/58

Elevation 6864 | Total Depth 260

Elevation Unoxidized Zone 130 (6734) | Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 260	No significant radioactivity detected.			

Logged by Century Geophysical Corp.
Drilled with water

Lithological Log

0 - 260 Sandstone; pale grayish yellow, very coarse conglomeratic to 40'; gray clayey siltstone streaks 39-43'; interbedded layers of blue pyritic sandy claystone 60-90'. Becomes gray and unoxidized at 130'.

DRILLING DATA

Hole No. 2 - 110

Date Drilled 5/16/58

Elevation 6777

Total Depth 200

Elevation Unoxidized Zone 118 (6659)

Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0 - 200	No significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with water.

Lithological Log

0 - 200 Sandstone; pale grayish yellow to yellow brown, coarse-grained and conglomeratic, arkosic. Thin gray silty claystone 86-88'. Becomes gray and unoxidized at 118.

DRILLING DATA

Hole No. 2 - 111 Date Drilled 5/29/58

Elevation 6809 Total Depth 230

Elevation Unoxidized Zone 140 (6669) Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0-192	No significant radioactivity detected.			
192-193	6617-6616	1'	.10	
193-230	No significant radioactivity detected			

Logged by Century Geophysical Corporation
Drilled with water.

Lithological Log

WIND RIVER FM:

0 - 230 Sandstone; pale grayish yellow, coarse-grained and conglomeratic, arkosic. Becomes gray and unoxidized at 140'.

DRILLING DATA

Hole No. 2-112

Date Drilled 5/29/58

Elevation 6783

Total Depth 260

Elevation Unoxidized Zone 132 (6651)

Property Rim

RADIOACTIVITY LOG

Depth	Elevation	Thickness	Est. Grade Probe	Assay Data eU
0-131	No significant radioactivity detected.			
131-132	6652-6651	1'	.115	
132-260	No significant radioactivity detected.			

Logged by Century Geophysical Corporation
Drilled with water.

Lithological Log
WIND RIVER FM:

0 - 260 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 132'.

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6/12	C	220
"	JEJ	110
"	~~Engineer~~ (Chief)	700

224 New Customhouse
Denver 2, Colorado
June 4, 1958

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 464 (Uranium) Contract Idm-[illegible], Uranium Research and Development Co., (Rim group of claims) Fremont County, Wyoming - Operator's Monthly Progress Report for the month of April, 1958

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.

Due to arithmetical error the Operator has failed to report the cost of 17 feet of acceptable Stage II drilling. The Operator is aware of the error and has informed this office that adjustment will be made in conjunction with the next voucher submitted.

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. All of the work was performed at "Fixed Unit Costs" under the short form contract on Form MF-200A, therefore documentation of the costs is not required. We recommend that payment be made to the Operator for 75 percent of the amount reported on Form MF-104, subject to your verification of applicable rates and arithmetical accuracy within the report.

Remarks:

Date of Report---------- May 1, 1958
Date Received in Field Office---------- May 12, 1958
Date Received in Region Office---------- June 2, 1958

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

Enclosures
JEC:bmh
cc: Chmn. Op. Comm. (2)
DMEA/DFC
MF-104 file, Reg. III
Hardman - w/copy Engr's report
Chron

DMEA
DEPARTMENT OF THE INTERIOR

REGION III

JUN 2 - 1958
REGION III
DENVER, COLORADO

Building 20
Denver Federal Center
Denver 2, Colorado
May 29, 1958

Memorandum

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

From: E. O. Bingon

Subject: Docket DMEA 4644 (Uranium) Contract Idm-E1166,
Uranium Research and Development Co., (Rim group of claims)
Fremont County, Wyoming -- Progress report for April 1958

An inspection was made of the work completed during the period on May 28, 1958. No one was at the property when the inspection was made.

Location and number of holes were found to be as shown on the operator's map and as reported. The depths however are not as reported, the total footage drilled being 7760 feet. This is also the total as shown on the logs and deducting 110 feet for over drilling leave a total of 7650 feet. The operator reports 7743 feet drilled and claims 7633 or 7 and 17 feet respectively, less than the correct footages.

No check could be made of radioactivity as the counter was not working and the radiometric readings as reported are taken as correct.

The MF-104 and 104A forms are correct.

It is recommended that the operator be paid $5347.27 or the Government's share at 75 percent of $7,129.70 the amount claimed. The contract expires August 15, 1958. One copy of the operator's map and logs have been retained in this office.

E. O. Bingon
E. O. Bingon
Mining Engineer

EOB/mw
cc: 6
Idm-E1166
chron

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of April, 1958 Docket No. DMEA 4644 Contract No. Idm E-1166
Operator's Name Uranium Research & Development Co. Minerals Uranium
Address 209 Denham Bldg., Denver 2, Colorado
Contract Amount, $ 53,760.00 Government Participation: 75 % Amount, $ 40,320.00

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:	(Stage II)	(Stage I)				
Drilling	6,869.70	21,641.40	28,511.10			
Bulldozing	260.00	312.00	572.00			
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	----	68.00	68.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$7,129.70	$22,021.40	$29,151.10	7,129.70	22,021.40	29,151.10

DMEA
DEPARTMENT OF THE INTERIOR
MAY 9 1958
REGION III
DENVER, COLORADO

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

Date 5/1/58 *Payee Uranium Research & Development Co.
Ralph L. Erickson
Per Ralph L. Erickson Title Vice President

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

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

(Instructions on reverse)

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

$ 5347.27

Signature RRC
(Authorized Certifying Officer)

Date 6/6/58 Vou. No. DMA-58-131
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E/166 in accordance with the terms of the contract.

Signature E O Bunyon ($5347.27) Title Mining Engineer Date May 29, 1958

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

Signature [illegible] Title Alternate acting Executive Officer Date JUN 4 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of April 1958 Docket No. DMEA 4644 Contract No. Idm E-1166

Operator's Name Uranium Research & Development Co. Minerals Uranium

Address 209 Denham Bldg. Denver 2, Colorado

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
Stage I ~~Drifting~~ Drilling	ft.	---		$21,641.40	24,046	$.90	31,500	$.90
Crosscutting Bulldozer	hr.	---		312.00	24	13.00	24	13.00
Raising Assays	ea.	---		68.00	17	4.00	200	4.00
Shafts								
Winzes								
Drilling: ~~Core~~ StageII	ft.	$6,869.70	7633	6,869.70	7633	.90	26,000	.90
Churn								
Auger								
Stripping								
~~Trenching~~ Bulldozer	hr.	260.00	20	260.00	20	13.00	20	13.00
Test Pits								
Roads and Trails								
Assays	ea.	---	---	---	---	---	160	4.00
TOTAL DISTRIBUTED COSTS		$7,129.70						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS								

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

Date 5/1/58 Operator Uranium Research & Development Co.

Per Ralph L Erickson Title Vice President

Ralph L. Erickson

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)

E O Bryson

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

NARRATIVE REPORT

RE: Docket No. DMEA 4644 (Uranium)
Contract No. Idm E-1166

Exploration under the Stage II program was initiated April 15, 1958. Although the Stage I program had been completed in March, inclement weather conditions forced cessation of drilling activities until April 15. Forty-five Stage II drill holes as 250-foot offsets of mineralized holes encountered under the Stage I program were completed this month.

The total footage drilled aggregated 7743 feet. In order to compensate for topographic variations, three holes were drilled in excess of the authorized depth. The excess footage totaled 110 feet so that only 7633 feet is reported on Form 104A.

The drill hole locations showing degree of radioactivity detected, together with the completed Stage I program, are shown on the accompanying claim map.

The lithologic and radiometric logs of the completed drill holes are reported on form sheets. These sheets also show the collar elevation, total depth, and depth to and elevation of the unoxidized or "blue" zone.

All holes have been drilled with air insofar as possible and completed with water. Samples have been taken for every two feet drilled and a split of the cuttings have been stored for government use.

Bulldozing costs still remain excessive because of the wet weather. To date we have paid bulldozing costs in excess of 100 hours compared to a total of forty-four hours authorized by contract for both Stage I and Stage II drilling.

Ten of the forty-five holes completed in April show mineralization of .03% eU_3O_8 or better in the unoxidized or "blue" zone. The results of this drilling related to Stage I holes being offset is shown in the accompanying table. Although no ore holes were discovered, a definite trend of favorable ground has been outlined extending from Claim #53 southwest into Claim #27 and is shown on the claim map. The known ore bodies on Claim #55 (86,000 tons of .26% U_3O_8) and the ore holes and principle mineralized holes encountered in the DMEA program fall in this trend. The geologic conditions which make this trend favorable are abundant faulting and/or rapid facies changes giving rise to isolated perched water tables.

URANIUM RESEARCH & DEVELOPMENT CO.

Ralph L. Erickson

Ralph L. Erickson
Project Geologist

Stage I Hole Offset	Interval of Mineralization in Stage I hole	Stage II Holes	Interval of Mineralization in Stage II holes
7	6731-6713 (.02% eU_3O_8 and 2' of .07% eU_3O_8 113-115')	M - 62	6627-6620 - .04% eU_3O_8 (Contains 3' of .07% eU_3O_8 from 6627-6624)
		M - 61	6716-6713 - .03% eU_3O_8 6699-6696 - .025% "
		M - 53	No significant radioactivity detected in unoxidized zone.
11	6649-6646 (.03% eU_3O_8) 6632-6629 (.10% ") 6624-6620 (.04% ")	M - 68	6623-6618 - .03% eU_3O_8 (Contains 2' of .03% eU_3O_8 from 162-164' and 2' of .06% eU_3O_8 from 168-170')
		M - 64	6642-6632 - .01% eU_3O_8 6624-6622 - .015% "
		M - 67	6659-6655 - .02% "
		M - 71	6617-6615 - .04% " 6607-6605 - .04% "
12	6655-6636 121½ -126 .035% eU_3O_8 133 -136 .21% " 136 -140 .015% "	M - 66	6607-6602 - .03% eU_3O_8
		M - 73	No significant radioactivity detected in unoxidized zone.
16	6765-6758 (.07% eU_3O_8) 6753-6750 (.10% ") 6706-6704 (.02% ")	M - 74	No significant radioactivity detected in unoxidized zone
		M - 69	6707-6704 - .03% eU_3O_8 6698-6689 - .015% "
		M - 75	No significant radioactivity detected in unoxidized zone

D-28	6751-6747 6744-6733 (.14%eU$_3$O$_8$)	M - 1	6737-6735 - .02%eU$_3$O$_8$
		M - 2	No significant radioactivity detected in unoxidized zone.
		M - 5	No significant radioactivity detected in unoxidized zone.
D-58	6578-6577 (.03%eU$_3$O$_8$)	M - 8	No significant radioactivity detected in unoxidized zone.
		M - 12	"
		M - 13	"
		M - 20	"
D-68	6579-6576 (.03%eU$_3$O$_8$)	M - 19	No significant radioactivity detected in unoxidized zone.
		M - 27	"
		M - 28	6540-6544 - .025%eU$_3$O$_8$ (Hole bottomed in mineralized section)
		M - 35	No significant radioactivity detected in unoxidized zone.
D-73	6624-6621 (.03%eU$_3$O$_8$)	M - 21	No significant radioactivity detected in unoxidized zone.
		M - 29	"
		M - 39	"

D-74	6580-6577 (.03%eU$_3$O$_8$)	M - 22	No significant radioactivity detected in unoxidized zone
		M - 30	"
		M - 31	"
		M - 40	6626-6624 - .03%eU$_3$O$_8$
D -80	6603-6607 (.03%eU$_3$O$_8$)	M - 32 -	6617-6615 - .01%eU$_3$O$_8$ 6600-6598 - .01%eU$_3$O$_8$
		M - 41	No significant radioactivity detected in unoxidized zone
		M - 42	"
		M - 47	"
D - 84	6575-6574 (.03%eU$_3$O$_8$) 6556-6554 (.03%eU$_3$O$_8$)	M - 37 M - 44	6585-6583½ - .03%eU$_3$O$_8$ No significant radioactivity detected in unoxidized zone
		M - 45	"
		M - 50	"
D - 85	6571-6567½ (.03%eU$_3$O$_8$)	M - 30	No significant radioactivity detected in unoxidized zone
		M - 46	"
		M - 51	6552-6549 - .04%eU$_3$O$_8$
D - 97	6753-6751½ (.07%eU$_3$O$_8$) 6571-6569 (.03%eU$_3$O$_8$)	M - 48 M - 52	6653-6651 - .03%eU$_3$O$_8$ No significant radioactivity detected in unoxidized zone
		M - 53	"
		M - 55	"

DRILLING DATA

Hole No. M - 2 Date Drilled 4/18/80

Elevation 6730 Total Depth 100

Elevation Unoxidized Zone 30 (6750) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 16		No significant radioactivity detected.	
16 - 34	16'	.025% eU_3O_8	
34 - 43		No significant radioactivity detected.	
43 - 45	2'	.02% eU_3O_8	

Logged by Century Geophysical Corporation.
Drilled with air.

REMARKS:
Wind River Fm:

0 - 100 Sandstone; buff, coarse-grained, arkosic; yellow gray siltstone 10-16'. Becomes gray and unoxidized at 30' marked by blue gray sandy siltstone 30-40'.

DRILLING DATA

Hole No. M - 2 Date Drilled 4/19/50

Elevation 6003 Total Depth 100

Elevation Unoxidized Zone Not penetrated Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 10		No significant radioactivity detected.	
10 - 12½	2½	.025% eU_3O_8	
12½ - 100		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air.

REMARKS:

Wind River Fm:

0 - 38 Sandstone; pale brown, coarse-grained to conglomeratic, arkosic; yellow gray siltstone 16-20'.

38 - 62 Siltstone; blue gray, sandy becoming silty sandstone in lower part.

62 - 100 Sandstone; yellow; as above.

DRILLING DATA

Hole No. H - 5 Date Drilled 4/13/58

Elevation 6785 Total Depth 100

Elevation Unoxidized Zone Not reached Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 16		No significant radioactivity detected.	
16 - 25	9'	.03% eU_3O_8 (contained 2' of .05% eU_3O_8 21 - 23')	
25 - 100		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air.

REMARKS:

Wind River Fm:

0 - 24	Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic.
24 - 35	Siltstone; blue gray, sandy.
35 - 100	Sandstone; brown, coarse-grained to conglomeratic arkosic.

DRILLING DATA

Hole No. [illegible] - 3 Date Drilled [illegible]

Elevation 3718 Total Depth 170

Elevation Unoxidized Zone 100 (3620) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]		
0 - 170	No additional mineralization detected.	

Bored by Century Geophysical Corp.
Drilled with water.

REMARKS:

[illegible]

0 - 170 Sandstone; [illegible] bottom 20 feet, [illegible] [illegible] of hole. Minor mineralization beside 73-75' and 77-80'. [illegible] at 100' [illegible] in [illegible] mineralization. Each intercalated [illegible] in lower 60'.

DRILLING DATA

Hole No. N - 12 Date Drilled 4/17/59

Elevation 6766 Total Depth 170

Elevation Unoxidized Zone 128 (6638) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 91		No significant radioactivity detected.	
91 - 94	3'	.025% eU_3O_8	
94 - 200		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 40'; completed with water

REMARKS:
Grand River Fm:

0 - 170 Sandstone; pale grayish yellow to brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 128'. Black coaly fragments 136 - 140'

DRILLING DATA

Hole No. [illegible] - 13 Date Drilled 6/17/55

Elevation 6710 Total Depth 170

Elevation Unoxidized Zone 100 (6610) Property Elm

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 73		Insignificant radioactivity detected.	
73 - 78	5'	.025/0.50	
78 - 170		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 170 Sandstone: pale greyish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 100'. Lime green clay matrix in sandstone 100 - T.D.

DRILLING DATA

Hole No. M - 19 Date Drilled 4/15/58

Elevation 6742 Total Depth 180

Elevation Unoxidized Zone 104 (6638) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 180	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 68'; completed with water.

REMARKS:

Wind River Fm:

0 - 180 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 104'. No significant siltstone or claystone breaks.

DRILLING DATA

Hole No. [illegible] - 20 Date Drilled 4/13/59

Elevation 6713 Total Depth 170

Elevation Unoxidized Zone 90 (6620) Property Rhn

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 170	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 90', completed with water.

REMARKS:

Wind River Rhn:

0 - 170 Sandstone: brown to pale grayish yellow, coarse- [illegible] to conglomeratic, arkosic, yellow gray siltstone break 10-12', [illegible]-[illegible]'. Become gray and unoxidized at 90'. Contains black carbonaceous trash fragments 134-160'.

DRILLING DATA

Hole No. M - 21 Date Drilled 4/18/58

Elevation 6683 Total Depth 170

Elevation Unoxidized Zone 60 (6623) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 170	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 60'; completed with water.

REMARKS:

Wind River Fm:

0 - 162 Sandstone; yellow brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 60'.

Frontier Fm:

162 - 170 Shale; dark gray, soft.

DRILLING DATA

Hole No. H - 22 Date Drilled 4/10/80

Elevation 6714 Total Depth 170

Elevation Unoxidized Zone 72(6642) Property Sim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 170	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 60'; completed with water.

REMARKS:

Wind River Fm:

0 - 170 Sandstone; pale greyish yellow, coarse- grained to conglomeratic, arkosic; thin yellow gray siltstone 70-72'; sandstone is orange brown 60-62'; becomes gray and unoxidized at 70'. Gray silty claystone 138-142'.

DRILLING DATA

Hole No. M - 27 Date Drilled 6/15/80

Elevation 6723 Total Depth ~~175~~ 180

Elevation Unoxidized Zone 81 (6642) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 175	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 40'; completed with water.

REMARKS:

Wind River Fm:

0 - ~~175~~ 180 Sandstone; yellow to pale grayish yellow, coarse-grained to conglomeratic, arkosic; yellow-gray siltstone 12-16'; becomes gray and unoxidized at 81' marked by thin gray siltstone.

DRILLING DATA

Hole No. M - 23 Date Drilled 4/13/53

Elevation 6724 Total Depth 180

Elevation Unoxidized Zone 180 (6684) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 175		No significant radioactivity detected.	
175 - 180	5'	.025% U_3O_8	

Logged by Century Geophysical Corp.
Drilled with air to 60'; completed with water.

REMARKS:

Rim Silver Fm:

0 - 180 Sandstone; brown to pale greyish yellow, coarse-grained to conglomeratic, arkosic; yellow gray siltstone breaks 8-12'; becomes gray and unoxidized at 180'.

DRILLING DATA

Hole No. [illegible] - 39 Date Drilled [illegible]

Elevation 6094 Total Depth 170

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
[illegible] - 20		No significant radioactivity detected	
20 - 24	4'	.015 [illegible]	
24 - 27		No significant radioactivity detected	
27 - 30	3'	.04 [illegible]	
30 - 40		No significant radioactivity detected	
40 - 48	8'	.015 [illegible]	
48 - 170		No significant radioactivity detected	

Logged by Century Geological Corp.
Drilled with air to 60'; completed with casing.

REMARKS:

Red River Fm:
0 - 1%

Sandstone; pale purple yellow, cemented [illegible] calcareous, [illegible]; [illegible] [illegible] 62-63'; [illegible] carbonaceous [illegible] 80-82'. Scours [illegible] and mineralized at 72'. [illegible] clayey siltstone 128-130'.

Chamber Fm:

164-170 Shale; dark gray.

DRILLING DATA

Hole No. M - 30 Date Drilled 4/19/58

Elevation 6603 Total Depth 170

Elevation Unoxidized Zone 68 (6625) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 64		No significant radioactivity detected.	
64 - 66	2'	.025% eU_3O_8	
66 - 170		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 20'; completed with water.

REMARKS:

Wind River Fm:

0 - 160 Sandstone; pale brown to pale grayish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 60'.

Frontier Fm:

160 - 170 Shale; dark gray, soft.

DRILLING DATA

Hole No. M - 31 Date Drilled 6/10/58

Elevation 6762 Total Depth 210

Elevation Unoxidized Zone 120 (6642) Property Mc

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 210	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 50'; completed with water.

REMARKS:

Wind Silver Pm:

0 - 210 Sandstone: pale yellow to orange brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 120'. No significant claystone or siltstone breaks.

authorized 170

DRILLING DATA

Hole No. M - 32 Date Drilled 4/15/58

Elevation 6715 Total Depth 135

Elevation Unoxidized Zone 80 (6635) Property Nim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 98		No significant radioactivity detected.	
98 - 100	2'	.01eU_3O_8	
100 - 115		No significant radioactivity detected.	
115 - 117	2'	.01%eU_3O_8	
117 - 135		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 80'; completed with water.

REMARKS:

Wind River Fm:

0 - 135 Sandstone; pale grayish yellow to brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 80'; gray silty claystone breaks 81-82' and 100-102'; clayey siltstone 114-116'. Dark chocolate brown silty carbonaceous claystone 128 to total depth.

DRILLING DATA

Hole No. [illegible] - 35 Date Drilled [illegible]

Elevation 6714 Total Depth 100

Elevation Unoxidized Zone [illegible] (6684) Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 6		No significant radioactivity detected.	
6 - 14	8'	.02% U_3O_8	
14 - 30		No significant radioactivity detected.	
30 - 32	2'	.01% U_3O_8	
32 - 100		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 30'; completed with water.

REMARKS:

Drill Log:

0 - 100 Limestone; brown, orange brown, and pale green yellow; dark chocolate brown 12-13'; coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 20'.

DRILLING DATA

Hole No. M - 37 Date Drilled 4/16/58

Elevation 6732 Total Depth 180

Elevation Unoxidized Zone 84 (6648) Property Rim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 18		No significant radioactivity detected.	
18 - 20	2'	.015% eU_3O_8	
20 - 73		No significant radioactivity detected.	
73 - 75	2'	.05% eU_3O_8	
75 - 147		No significant radioactivity detected.	
147 - 148½	1½'	.03% eU_3O_8	
148½ - 180		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 40'; completed with water.

REMARKS:

Wind River Fm:

0 - 180 Sandstone; pale grayish yellow to brown, coarse-grained to conglomeratic, arkosic; thin yellowish gray siltstone 21-24'; becomes gray and unoxidized at 84' marked by gray clayey siltstone to 100'.

DRILLING DATA

Hole No. L - 33 Date Drilled 6/1[illegible]/80

Elevation 6703 Total Depth 150

Elevation Unoxidized Zone 70(6[illegible]) Property Mia

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth:		
0 - 150	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 24'; completed with water.

REMARKS:

Wind River Fm:

0 - 150 Sandstone: brown to orange brown in upper 30' then pale reddish yellow, coarse-grained to conglomeratic, arkosic. Thin yellow gray sandy siltstone 43-49' and 64-68'; loosely gray and mineralized at 70'; dark chocolate brown carbonaceous clayey siltstone 104-107'.

DRILLING DATA

Hole No. N - 39 Date Drilled 4/18/58

Elevation 6670 Total Depth 150

Elevation Unoxidized Zone 61-(6609) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 150	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:
0 - 142 Sandstone; yellow to rusty brown (36-44), coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 61'.

Frontier Fm:

142-150 Shale; dark gray, soft.

DRILLING DATA

Hole No. E - 40 Date Drilled 6/13/ 58

Elevation 6742 Total Depth 190

Elevation Unoxidized Zone 94 (6648) Property Mis

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 90		No significant radioactivity detected.	
90 - 93	3'	.02% eU_3O_8	
93 - 116		No significant radioactivity detected.	
116 - 119	3'	.03% eU_3O_8	
119-- 190		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Ring Diver Pm:

0 - 190 Sandstone; pale greyish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 94'. Contains carbonaceous trash fragments 140-143'.

authorized 170'

DRILLING DATA

Hole No. M - 41 Date Drilled 4/15/60

Elevation 6701 Total Depth 135

Elevation Unoxidized Zone 77 (6624) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 135	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 80'; completed with water.

REMARKS:

Wind River Fm:

0 - 135 Sandstone; pale grayish yellow to brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 77'; gray clayey siltstone 116 - 120'; greenish gray claystone 130-135'
Morrison.

DRILLING DATA

Hole No. H - 62 Date Drilled 6/13/59

Elevation 6752 Total Depth 136

Elevation Unoxidized Zone 90 (6662) Property Min

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 74		No significant radioactivity detected.	
74 - 75	1'	.01% U_3O_8	
75 - 136		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 116'; completed with water.

REMARKS:

Mineral Zone Th:

0 - 135 Sandstone; yellow to orange brown (17-60') to pale grayish yellow; coarse-grained to conglomeratic, arkosic; some dark carbonaceous streak 10-12'. Becomes gray and unoxidized at 90'.

DRILLING DATA

Hole No. H - 44 Date Drilled 4/17/56

Elevation 6700 Total Depth 160

Elevation Unoxidized Zone 30 (6670) Property Rim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 24		No significant radioactivity detected	
24 - 26	2'	.01% eU_3O_8	
26 - 160		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 46'; completed with water.

REMARKS:

Wind River Fm:

0 - 12 alluvium

12 - 160 Sandstone; orange brown to pale grayish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 30'. Sandstone is dark colored 140-160'.

DRILLING DATA

Hole No. [illegible] - 46 Date Drilled 6/19/53

Elevation 6700 Total Depth 180

Elevation Unoxidized Zone 00 (6620) Property Nin

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 180	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 10'; completed with water.

REMARKS:

Lind River Fm:

0 - 180 Sandstone; orange brown to brown (0-40') pale grayish yellow 40-90'; back to gray and unoxidized at 90'. No significant siltstone or claystone breaks.

DRILLING DATA

Hole No. M - 46 Date Drilled 4/16/58

Elevation 6700 Total Depth 150

Elevation Unoxidized Zone 70 (6630) Property Rim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 10		No significant radioactivity detected.	
10 - 14	4'	.015% eU_3O_8	
14 - 16		No significant radioactivity detected.	
16 - 17	1'	.01% eU_3O_8	
17 - 45		No significant radioactivity detected.	
45 - 49	4'	.01% eU_3O_8	
49 - 58		No significant radi activity detected.	
58 -59	1'	.015% eU_3O_8	
59 - 150		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water

REMARKS:

Wind River Fm:

0 - 150 Sandstone; brown to pale grayish yellow, coarse-grained to conglomeratic, arkosic; thin gray clayey siltstone break 54-56'; becomes gray and unoxidized at 70'. Much yellow gray clayey siltstone 60-70'. Sandstone 136-150 has bluish green clay matrix.

DRILLING DATA

Hole No. K - 47 Date Drilled 4/15/83

Elevation 6702 Total Depth 135 Min

Elevation Unoxidized Zone 62 (6640) Property

Thickness Mineralized Intervals Depth	Average Probe Readings	Assay Data
0 - 130	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 100'; completed with water.

REMARKS:

Wind River Fm:

0 - 100 Sandstone; pale greyish yellow to brown, coarse-grained to conglomeratic, arkosic; yellow grey to brown siltstone break 50-53'; becomes grey and unoxidized at 62'; carbonaceous trash fragments 70-72'.

100 - 103 No sample recovery.

Cloverly Fm:

103- 123 Conglomeratic; chert pebble.

123 - 135 Claystone; light grey, silty.

DRILLING DATA

Hole No. M - 48 Date Drilled 4/16/58

Elevation 6723 Total Depth 100

Elevation Unoxidized Zone 72 (6651) Property Rim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 70		No significant radioactivity detected.	
70 - 72	2'	.03% eU_3O_8	
72 - 100		No significant radioactivyt detected	

Logged by Century Geophysical Corp.
Drilled with air to 103'; completed with water.

REMARKS:

Wind River Fm:

0 - 20 Sandstone; pale greyish yellow, coarse-grained to conglomeratic, arkosic.

20 - 30 Siltstone; yellowish gray, sandy; greenish gray 28-30'.

30 - 100 Sandstone; pale greyish yellow as above, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 72' marked by thin gray carbonaceous siltstone.

DRILLING DATA

Hole No. [illegible] - 50 Date Drilled 6/17/50

Elevation 6607 Total Depth 100

Elevation Unoxidized Zone 72 (6615) Property Wim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 63		No significant radioactivity detected.	
63 - 64	1'	.01% eU_3O_8	
64 - 100		No significant radioactivyt detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 100 Sandstone; orange brown to 40'; pale grayish yellow 40-72'; becomes gray and unoxidized at 72' marked by gray clayey siltstone.

DRILLING DATA

Hole No. M - 51 Date Drilled 4/17/58

Elevation 6684 Total Depth 150

Elevation Unoxidized Zone 60 (6624) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 8		No significant radioactivity detected.	
8 - 12	4'	.01% eU_3O_8	
12 - 16		No significant radioactivy detected.	
16 - 20	4'	.01% eU_3O_8	
20 - 22		No significant radioactivity detected.	
22 - 26	4'	.025% eU_3O_8	
26 - 44		No significant radioactivity detected.	
44 - 48	4'	.025% eU_3O_8	
48 - 132		No significant radioactivity detected.	
132 - 135	3'	.04% eU_3O_8	
135 - 150		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 44'; completed with water.

REMARKS:

Wind River Fm:

0 - 150 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; thin gray clayey siltstone breaks 47-60'. Becomes gray and unoxidized at 60'.

DRILLING DATA

Hole No. M - 52 Date Drilled 4/17/58

Elevation 6711 Total Depth 130

Elevation Unoxidized Zone 60 (6621) Property Sim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 130	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 60'; completed with water.

REMARKS:

Wind River Fm:

0 - 20 Siltstone; grayish yellow to brown, sandy.

20 - 130 Sandstone; buff to pale grayish yellow, coarse-grained to conglomeratic, arkosic; yellow gray siltstone 34-36'; becomes grey and unoxidized at 60'.

DRILLING DATA

Hole No. M - 53 | Date Drilled 4/17/58

Elevation 6694 | Total Depth 180

Elevation Unoxidized Zone 60 (6634) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 38		No significant radioactivity detected.	
38 - 40½	2½'	.05% eU_3O_8	
40½ - 180		No significant radioactivity detected	

Logged by Century Geophysical Corp.
Drilled with air to 60'; completed with water.

REMARKS:

Wind River Fm:

0 - 9 Alluvium

9 - 170 Sandstone; orange brown 10-12' and 36-40'; pale grayish yellow, coarse-grained to conglomeratic, arkosic; yellow gray sandy siltstone 16-20'; thin gray siltstone break 41-42 and 50-54'; becomes gray and unoxidized at 60'. Carbonaceous woody fragments 164-168'.

170 - 180 Shale; gray to dark gray, hard; some thin pale gray bentonite stringers. Nowry.

DRILLING DATA

Hole No. M - 58 Date Drilled 4/22/80

Elevation 6840 Total Depth 150

Elevation Unoxidized Zone 118 (6722) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 7		No significant radioactivity detected	
7 - 15	8'	.01% eU_3O_8	
15 - 92		No significant radioactivity detected	
92 - 94½	2½	.10% eU_3O_8	
94½ - 109		No significant radioactivity detected	
109 - 116	7'	.05% eU_3O_8	
116 - 150		No significant radioactivity detected	

Logged by Century Geophysical Corp.
Drilled with air to 50'; completed with water

REMARKS:

Wind River Fm:

0 - 150 Sandstone; yellow to brownish yellow, medium grained to silty, arkosic; gray sandy siltstone 18-20'; becomes gray and unoxidized at 118'.

DRILLING DATA

Hole No. M - 61 Date Drilled 4/22/56

Elevation 6830 Total Depth 200

Elevation Unoxidized Zone 66 (6814) Property Rim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 21		No significant radioactivity detected.	
21 - 27	6'	.015% eU_3O_8	
27 - 36		No significant radioactivity detected.	
36 - 42	6'	.08% eU_3O_8	
42 - 64		No significant radioactivity detected.	
64 - 67	3'	.025% eU_3O_8	
67 - 164		No significant radioactivity detected.	
164 - 167	3'	.03% eU_3O_8	
167 - 181		No significant radioactivity detected.	
181 - 184	3'	.025% eU_3O_8	
184 - 200		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 120'; completed with water.

REMARKS:

Wind River Fm:

0 - 200 Sandstone; pale grayish yellow, rusty brown 20-30'; coarse-grained to conglomeratic, arkosic. Thin gray sandy siltstone break 40-44'. Becomes gray and unoxidized at 66'. Medium grained uniform sandstone 70-120'.

authorized 150'

DRILLING DATA

Hole No. [illegible] - 08 Date Drilled 4/21/[illegible]

Elevation 6707 Total Depth 200

Elevation Unoxidized Zone 100 ([illegible]) Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 08		No significant radioactivity detected.	
08 - 13	5'	.08,.05,.0	
13 - 21		No significant radioactivity detected.	
21 - 23	2'	.03,.03,.0	
23 - 145		No significant radioactivity detected.	
145 - 147½	2½'	.01,.0[illegible]	
147½ - 170		No significant radioactivity detected.	
170 - 177	7'	.04,.01,.0	
177 - 200		No significant radioactivity detected.	

Drilled by Century Geophysical Corp.
Drilled with water

REMARKS:

Drill Log On:

0 - 200 Overburden: pale grayish yellow to yellow brown; coarse-grained to conglomeratic, arkosic. Pale blue gray siltstone 34-35'; becomes gray and unoxidized at 100'.

DRILLING DATA

Hole No. [illegible] - 64 Date Drilled [illegible]

Elevation [illegible] Total Depth 230

Elevation Unoxidized Zone 140 ([illegible]) Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
[illegible] - 5		No significant radioactivity detected.	
6 - 7½	1½'	.01 [illegible]	
7½ - 15		No significant radioactivity detected.	
15 - 16½	2½'	.01 [illegible]	
16½ - 21		No significant radioactivity detected.	
21 - 25	4'	.01 [illegible]	
25 - 28		No significant radioactivity detected.	
28 - 29	1'	.01 [illegible]	
29 - 35		No significant radioactivity detected.	
35 - 37½	1½'	.01 [illegible]	
37½ - 49		No significant radioactivity detected.	
49 - 52	3'	.01 [illegible]	
52 - 100		No significant radioactivity detected.	
100 - 110	10'	.01 [illegible]	
110 - 190		No significant radioactivity detected.	
190 - 193	3'	.01 [illegible]	
193 - 230		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 80'; completed with water.

REMARKS:

Underlying Unit

0 - 230 Sandstone: yellow brown to pale straight, [illegible], [illegible] to [illegible], [illegible]. [illegible] gray sandy siltstone 0-11' and 21-24'. Becomes gray and [illegible] at 160' - transitional to 200'.

DRILLING DATA

Hole No. K - 85 Date Drilled 6/12/58

Elevation 6709 Total Depth 130

Elevation Unoxidized Zone 52 (6657) Property Kim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 49		No significant radioactivity detected.	
49 - 52	3'	.07% eU_3O_8	
52 - 130		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 60'; completed with water.

REMARKS:

Red River Fm:

0 - 10 Siltstone; yellow, yellow brown, and greyish yellow, sandy.

10 - 170 Sandstone; pale brown to pale yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 54' marked by gray carbonaceous silty claystone.

Mowry Shale:

170 - 130 Shale; dark gray, hard.

DRILLING DATA

Hole No. M - 60 Date Drilled 6/28/58

Elevation 6780 Total Depth 190

Elevation Unoxidized Zone 120 (6660) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 110		No significant radioactivity detected.	
110 - 112	2'	.04%U_3O_8	
112 - 130		No significant radioactivity detected.	
130 - 146	16'	.02%U_3O_8 (contains 3' of .05%U_3O_8 from 135-138')	
146 - 190		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 190 Sandstone; yellow brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 120'.

DRILLING DATA

Hole No. E - 67 Date Drilled 4/21/59

Elevation 6868 Total Depth 260

Elevation Unoxidized Zone 74 (6794) Property Rim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 33		No significant radioactivity detected.	
33 - 40	7'	.03% eU_3O_8	
40 - 69		No significant radioactivity detected.	
69 - 72	3'	.03% eU_3O_8	
72 - 209		No significant radioactivity detected.	
209 - 213	4'	.02% eU_3O_8	

Logged by Century Geophysical Corp.
Drilled with air to 40'; completed with water.

REMARKS:

Wind River Fm:

0 - 260 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; brown claystone 42-44' underlain by blue gray silty claystone 44-50'. Interbedded silty claystone and sandstone 60-70'. Unit becomes gray and unoxidized at 74' marked by blue gray clayeysiltstone 74-80'.

DRILLING DATA

Hole No. M - 68 Date Drilled 4/22/53

Elevation 6700 Total Depth 210

Elevation Unoxidized Zone 160(6640) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 160		No significant radioactivity detected.	
160 - 170	10'	.03%U_3O_8 (contains 2' of .03%U_3O_8 from 162-164' and 2' of .03%U_3O_8 from 168-170')	
170 - 210		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 210 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkos, becomes gray and unoxidized at 160' - transitional to 160' with much interbedded gray siltstone.

DRILLING DATA

Hole No. M - 69 Date Drilled 4/21/58

Elevation 6859 Total Depth 180

Elevation Unoxidized Zone 78 (6781) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 49		No significant radioactivity detected.	
49 - 71	22'	.025% eU_3O_8	
71 - 152		No significant radioactivity detected.	
152 - 155	3'	.03% eU_3O_8	
155 - 164		No significant radioactivity detected.	
164 - 170	6'	.015% eU_3O_8 (contains 1' of .03% eU_3O_8 169-170')	
170 - 180		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 120'; completed with water.

REMARKS:

Wind River Fm:

0 - 180 Sandstone; pale grayish yellow, rusty brown 60 - 70'; coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 78', marked by gray sandy siltstone to 80'. Gray clayey siltstone 156-160'.

DRILLING DATA

Hole No. H - 71 Date Drilled 6/21/80

Elevation 6642 Total Depth 260

Elevation Unoxidized Zone 200 (6642) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 35		No significant radioactivity detected.	
35 - 36	1'	.02% eU_3O_8	
36 - 42		No significant radioactivity detected.	
42 - 45	3'	.02% eU_3O_8	
45 - 225		No significant radioactivity detected.	
225 - 227	2'	.04% eU_3O_8	
227 - 235		No significant radioactivity detected.	
235 - 237	2'	.04% eU_3O_8	
237 - 260		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 30'; completed with water.

REMARKS:

Wind River Fm:

0 - 260 Sandstone; pale greyish yellow, coarse-grained to conglomeratic, arkosic; yellow gray silty claystone 30 - 34'; much interbedded blue gray clayey siltstone 60-90'; becomes grey and unoxidized about 200', but change is transitional from 170-200'

DRILLING DATA

Hole No. H - 73 Date Drilled 6/20/53

Elevation 6763 Total Depth 160

Elevation Unoxidized Zone 120 (6643) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 63		No significant radioactivity detected.	
63 - 65	2'	.015% U_3O_8	
65 - 81		No significant radioactivy detected.	
81 - 82½	1½	.025% U_3O_8	
82½ - 91		No significant radioactivity detected.	
91 - 92	1	.015% U_3O_8	
92 - 160		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 160 Sandstone; brown to yellow brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 120' - transitional from 110'. Much gray sandy and clayey siltstone 110-160'.

DRILLING DATA

Hole No. M - 74 Date Drilled 4/21/58

Elevation 6842 Total Depth 170

Elevation Unoxidized Zone 150 (6692) Property Rim

Thickness Mineralized Intervals Depth		Average Probe Readings	Assay Data
0 - 24		No significant radioactivity detected.	
24 - 26	2'	.02% eU_3O_8	
26 - 50		No significant radioactivity detected.	
50 - 55	5'	.025% eU_3O_8	
55 - 58		No significant radioactivity detected.	
58 - 61	3'	.025% eU_3O_8	
61 - 170		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 170 Sandstone; pale grayish yellow to brown, coarse-grained to conglomeratic, arkosic, Abundant interbedded yellow gray to orange silty claystone and siltstone 26-40'; thin gray siltstone break 52-53'; gray clayey siltstone 76-80'. Becomes gray and unoxidized at 150'.

DRILLING DATA

Hole No. C - 75 Date Drilled 6/23/82

Elevation 6000 Total Depth 160

Elevation Unoxidized Zone 140 (6000) Property Kim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 41		No significant radioactivity detected.	
41 - 57	16'	.05% CO_3O_4	
57 - 160		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 160 Sandstone; coarse-grained, pale greyish yellow, arkosic; much interbedded yellow gray silty clay 30-60'; black gray silty claystone 70-76'; becomes gray and unoxidized at 140'.

FINAL DISTRIBUTION
MADE APR 25 1958

224 New Customhouse
Denver 2, Colorado
April 23, 1958

DMEA
REGISTRATION NOV 28 1956

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 4644 (Uranium) Contract Idm-F1-66, Uranium Research and Development Co., (Rim group claims) Fremont County, Wyoming - Operator's Monthly Progress Report for the month of March, 1958

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.

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. All of the work was performed at "Fixed Unit Costs" under the short form contract on Form MF-200A, therefore documentation of the costs is not required. We recommend that payment be made to the Operator for 75 percent of the amount reported on Form MF-104, subject to your verification of applicable rates and arithmetical accuracy within the report.

Remarks:

Date of Report----------April 7, 1958
Date Received in Field Office------April 10, 1958
Date Received in Region Office-----April 22, 1958

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

Enclosures

JDC:hmh

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

RECEIVED
APR 24 1958
AUDITS
BUREAU OF MINES
REGION III
DENVER, COLO.

RECEIVED
APR 24 1959
AUDITOR
Government of India

DMEA
DEPARTMENT OF THE INTERIOR

REGION III

APR 22 1958
REGION III
DENVER, COLORADO

Building 20
Denver Federal Center
Denver 2, Colorado
April 21, 1958

Memorandum

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

From: E. O. Binyon

Subject: Docket DMEA 4644 (Uranium) Contract Idm-E1166, Uranium Research and Development Co. (Rim group claims) Fremont County, Wyoming -- Progress report for March 1958

An inspection of the work completed during the subject period was made April 16, 1958. Ralph Erickson, geologist, was at the property but did not accompany the examiner on the inspection.

Seventy holes with a total aggregate footage of 13,547 feet were drilled, however the operator reports over drilling 381 feet which makes a total of 13,166 feet claimed. In checking the logs the total footage over drilled was found to be 15 feet less or 366 feet. The operator has made the corrections on the MF-104 and MF-104A forms. The log of hole D-126 does not have the contact with the Cody shale marked. Mr. Erickson stated that the field log shows the contact to be at 136 feet. The location and depths of the holes are as reported by the operator. A check of the samples from ore holes No. D-11, D-12, and D-16 gave results comparable to the results cited in the narrative report.

In checking the MF-104 and MF-104A forms, an error was found in the column "Costs to Date" opposite "Rotary drilling" the amount should be $21,627.90 plus $13.50 or $21,641.40. The totals are correct.

All work was done in conformance with the terms of the contract and the operator has submitted documentation for the analyses.

It is recommended that the operator be paid $8,966.17 or the Government's share at 75 percent of $11,954.90 the amount claimed. One copy of the map and logs have been retained in this office. The contract expires August 15, 1958.

E O Binyon
E. O. Binyon
Mining Engineer

EOB/mw
cc: 6 Idm-E1166 chron

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

Budget Bureau No. 42-R1036.5

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

RECEIVED APR 1958 D.M.E.A.

Month of March, 1958 Docket No. DMEA 4644 Contract No. Idm E-1166
Operator's Name Uranium Research & Development Co. Minerals Uranium
Address 209 Denham Building, Denver, 2, Colorado
Contract Amount, $ 53,760 Government Participation: 75 % Amount, $ 40,320

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 (Foot)	RRE $11,862.90 ~~$11,949.40~~	$9778.50	RRE $21,641.40 ~~$21,727.90~~			
Bulldozing	52.00	260.00	312.00			
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	$40.00	$28.00	$68.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
	RRE $11,954.90		RRE $22,021.40			
Totals	~~$11,941.40~~	$10,066.50	~~$22,007.90~~	11,954.90	10,066.50	22,021.40

DMEA
DEPARTMENT OF THE INTERIOR
APR 9 - 1958
REGION III
DENVER, COLORADO

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

Date 4/7/58 *Payee Uranium Research & Development Co.
Ralph L. Erickson
Per Ralph L Erickson Title Vice President

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

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

(Instructions on reverse)

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

$ 8,966.17

Signature RRE
(Authorized Certifying Officer)

Date 4/24/58 Vou. No. DMA 58-114
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Film E 1166 in accordance with the terms of the contract.

Signature E O Bunyon (# 8,966.17) Title Mining Engineer Date April 21, 1958

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

Signature E. H. Hershman Title acting Executive Officer Date APR 23 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195_ Docket No. DME-4644 Contract No. E-1166
Operator's Name Uranium Research and Development Co. Minerals Uranium
Address 200 Denham Building, Denver, 2, Colorado

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		$11,862.90 RK	13,181 RK	$21,641.40 RK	24,046 RK			
Churn	~~Factory Feet~~	~~$11,948.40~~	~~14,166~~	~~$27,007.00~~	~~24,081~~	$0.00	57,500	$0.00/ft.
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails	Housing hrs.	$92.00	4	$312.00	24	$13.00	24	$13.00
Assays	ea.	$40.00	10	$68.00	17	4.00	360	4.00
Total Distributed Costs		~~$11,941.40~~ $11,954.90 RK		~~$22,007.00~~ $22,021.40 RK				Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		~~$11,941.40~~ $11,954.90 RK		~~$22,007.00~~ $22,021.40 RK				

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

Date 4/7/50 Operator Uranium Research & Development Co.

Per Ralph L. Erickson Title Co-President
Ralph L. Erickson

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

Remarks:

(Instructions on reverse)

E. Bunyon

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

URANIUM RESEARCH & DEVELOPMENT CO.
209 Denham Bldg.
Denver, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
APR 9 - 1958
REGION III
DENVER, COLORADO

Executive Officer
Defense Minerals Exploration Administration
224 New Customhouse
Denver,2, Colorado

Re: Docket No. DMEA 4644 (Uranium)
Contract No. Idm-21166
Uranium Research & Development Co.
(Rim Group claims)
Freemont County, Wyoming

Dear Sir:

Transmitted herewith are the original and four copies of the monthly report for March showing the progress of exploration of Uranium Research and Development Co., under the above captioned contract.

The following reports are included:

1. Form MF 104
2. Form MF 104A
3. Signed narrative report
4. Lithologic and radioactivity logs of each completed drill hole
5. Certified copy of assay results
6. Claim map showing location of completed drill holes, collar elevations, completed depths, formation bottomed in, and intensity of radioactivity.

Sincerely yours,

Ralph L. Erickson

URANIUM RESEARCH & DEVELOPMENT CO.
Ralph L. Erickson, Vice President

RLE:ms
Enclosures

NARRATIVE REPORT

Re: Docket No. DMEA 4644 (Uranium)
Contract No. Idm-51166

Exploration work on the Stage I program was completed March 29, 1958. Seventy drill holes were completed this month aggregating 13,547 feet of drilling. In order to make certain of the validity of the pre-Wind River contact and to aid in identification of the pre-Wind River formations bottomed in, several holes were drilled in excess of the 10 feet below the base of the Wind River formation specified by contract. This excess footage totaled 381 feet so that only 13,166 feet is reported on Form 104A.

In the Stage I program 126 holes were drilled on 500 foot centers as specified by contract. The total drilling aggregated 24,633 feet of which 24,031 feet was reported on Form 104A. The average depth per hole was 195 feet---55 feet less than the estimated average depth prior to commencement of the Stage I program.

The drill hole locations, collar elevations, total depths, degree of radioactivity detected, and formation bottomed in is shown on the accompanying claim map.

The lithologic and radiometric logs and chemical assays on the completed drill holes are reported on form sheets. These sheets also show the collar elevation, total depth, and depth to and elevation of the unoxidized or "blue" zone.

All holes have been drilled with air insofar as possible and completed with water. Samples have been taken for every 2 feet drilled and a split of the cuttings have been stored for government use.

Bulldozing costs remain much higher than anticipated because of the necessity of using a ripper to buck the frozen ground before drilling sites could be leveled. In the latter part of March, thaw and wet snows necessitated moving of the drill rigs from drill site to drill site by bulldozer.

Forty one of the 70 holes completed in March show radioactivity anomalies. Of these forty one holes, twenty six contain anomalies in the oxidized zone. It has been our experience on this property in the past that equilibruin conditions in the oxidized zone are not favorable. Fifteen drill holes contain anomalies in the unoxidized zone where equilibruin conditions are normally favorable. Three holes contained ore grade material (Holes # 11, 12, 16) and one hole # 7 contains 2 feet of .07% eU_3O_8. The radiometric probing and assay results of these holes are shown in the table below.

Hole No.	Depth	Thickness	Radiometeric Probing eU_3O_8	Assay		
					eU_3O_8	U_3O_8
11	211-214	3'	.03	No adequate samples for assay from this depth		
	228-231½	3½	.10			
	236-240	4	.03			
12*	121½-126	4½	.035			
	126-133	7	.01	126-128	.06	.045
	133-136	3	.21	134-136	.05	.043
	136-140	4	.015	136-138	.05	.06
				138-140	.03	.03
				*Assays made on water washed cuttings		
16 **	85-91	6	.02	88-90	.04	.02
	97-98	1	.015	90-92	.10	.12
				92-94	.02	.03
				94-96	.02	.05
				96-98	.12	.13
				98-100	.07	.07
				**Assays made on air blown samples		

It is interesting to note that the mineralized intervals in drill holes # 11 and # 12 are at the same elevation as the mineralized intervals in the previously discovered and blocked out ore bodies on claim # 55. These new discoveries suggest a southwestward extension of the mineralized zone for at least 1000 feet. The mineralized interval in hole # 16 is at the same elevation as the mineralized interval in drill hole # 28, reported in February.

In the completed Stage I program (120 drill holes) significant radioactivity was detected in 70 drill holes and 30 of these holes showed mineralization in the unoxidized or "blue" zone. Four holes penetrated ore grade material.

URANIUM RESEARCH AND DEVELOPMENT COMPANY

Ralph L. Erickson

Ralph L. Erickson
Project Geologist

RLE:ms

URANIUM CENTER LABORATORY
915 ELK DRIVE
DIVERTON, NEV.
Phone UL 6-2679

Chemical Analysis Report for:

Uredco

3/14/58

Lab. No.	Customer's Sample No.			Uranium
59-1	D-12,	126-128	0.06	0.045
11-2	D-12,	134-136	0.05	0.048
11-3	D-12,	136-138	0.05	0.06
11-4	D-12,	138-140	0.03	0.03
11-5	D-16,	88-90	0.04	0.02
11-6	D-16,	90-92	0.10	0.12
11-7	D-16,	92-94	0.02	0.03
11-8	D-16,	94-96	0.02	0.05
11-9	D-16,	96-98	0.12	0.13
11-10	D-16,	98-100	0.07	0.07

Assayer--John V. Schneider
A.B.S. Uranium Analyst

No. Assays 10 at 4.00 Cash = 40.00

Credit Balance _____ Balance due _____

Total due 40.00

DRILLING DATA

Hole No. D - 1 Date Drilled 3/16/82 - 0

Elevation 6370 Total Depth 330

Elevation Unoxidized Zone 32 (6797) Property Alm

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
0 - 310		No significant radioactivity detected	
310 - 321	2'	.01% eU_3O_8	
321 - 330		No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with air

REMARKS:

WELL DRIVEN PIPE:

0 - 322 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Pale gray-green siltstone 7-10' underlain by 2' of rust colored sandstone; becomes gray and unoxidized at 22', marked by 2' of gray green siltstone. Dark gray clayey siltstone breaks 223-232'.

DIAMOND DRILL:

322 - 330 Shale; dark gray, hard. Pale gray bentonite 322-330'.

DRILLING DATA

Hole No. D - 4 Date Drilled 3/10/58 - S

Elevation 6842 Total Depth 303

Elevation Unoxidized Zone 134 (6703) Property Min

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 303	No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with water

REMARKS:

WIND RIVER FM:

0 - 296 Sandstone; pale greyish yellow, coarse-grained to conglomeratic, arkosic; much interbedded yellow silty claystone 58-60'. Sandstone is rusty brown 60-66' and 78-134'; becomes gray and unoxidized at 134'. Dark grey clayey siltstone 160-164'.

MOORE SHALE:

296 - 303 Shale; dark gray, hard.

DRILLING DATA

Hole No. D - 5 Date Drilled 3/13/58 - J

Elevation 6843 Total Depth 320

Elevation Unoxidized Zone 106 (6737) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 20		No significant radioactivity detected	
20 - 25	5'	.08% eU_3O_8	
25 - 330		No significant radioactivity detected	

Logged by Century Geophysical Corp.

REMARKS:

WIND RIVER FM:

0 - 306 Sandstone; rusty brown in upper 32'; then pale greyish yellow. Becomes gray and unoxidized at 106' marked by gray green siltstone.

MOWRY SHALE:

306 - 320 Shale; dark gray, hard

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	

REMARKS:

[illegible]

[illegible]

[illegible]:

[illegible]

DRILLING DATA

Hole No. [illegible] - 7 Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
[illegible]			
0 - 10		No significant radioactivity detected.	
10 - 15	5'	.[illegible] eU_3O_8	
15 - 50'		No significant radioactivity detected.	
50' - 62	8'	.[illegible] eU_3O_8	
62 - 110		No significant radioactivity detected.	
110 - 128	18'	.0[illegible] eU_3O_8 (Containing 2' of .07 eU_3O_8 115-117')	
128 - 300		No significant radioactivity detected.	

[illegible] by Century [illegible] drilled deep.
[illegible] with color.

REMARKS:

[illegible]

0 - 10 [illegible] [illegible] to [illegible] [illegible]

10 - 21 [illegible]: [illegible] gray, clayey.

21 - 292 [illegible]: [illegible] clayey; [illegible] gray and [illegible] at [illegible].

292 - 300 [illegible]: dark gray, hard.

DRILLING DATA

Hole No. D-3 Date Drilled 8/6/53

Elevation 6700 Total Depth 250

Elevation Unoxidized Zone 130 (6570) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 65	No significant radioactivity detected	
65 - 67	2' .02% eU_3O_8	
67 - 167½	No significant radioactivity detected	
167½ - 169	1½' .015% eU_3O_8	
169 - 250	No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with water

REMARKS:

[illegible]:

0 - 227 Metaquartzite; brown, coarse-textured to sandy quartz, [illegible], [illegible] very dark greenish-gray at 130. Contains [illegible] stringers of siliceous breccia.

[illegible] (?) [illegible]:

227 - 250 Shale; dark gray.

DRILLING DATA

Hole No. [illegible] - 9 Date Drilled [illegible] - [illegible]

Elevation [illegible] Total Depth 270

Elevation Unoxidized Zone 120 (MOST) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 120	No significant radioactivity detected	
120 - 130	1' .00[illegible] [illegible]	
130 - 270	No significant radioactivity detected	

Sampled by Bowdoin Geological Corp.

Drilled [illegible] to 80 110'; completed [illegible] below

REMARKS:

[illegible]:

0 - 000 [illegible]: pale green to green to [illegible], [illegible] to [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]. Grey clay claystone [illegible]. [illegible] to [illegible] [illegible] [illegible] [illegible] [illegible] 000-000'. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] (000-000')

[illegible] (?):

000 - 270 [illegible]: [illegible] grey, [illegible].

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 42	[illegible]	
42 - 47	[illegible]	
47 - 82	[illegible]	

[illegible]

[illegible]

REMARKS:

[illegible]:

[illegible] - [illegible] Serpentine; pale green, yellow, [illegible]. [illegible]; yellow [illegible] [illegible]. [illegible] and yellow [illegible] [illegible]; [illegible] [illegible] [illegible] 60 to [illegible].

[illegible] - [illegible] Serpentine; [illegible] green, [illegible]. [illegible].

[illegible] - [illegible] Serpentine; [illegible], [illegible]; [illegible] [illegible] of [illegible] [illegible].

[illegible]:

[illegible] - [illegible] Drift: [illegible]

DRILLING DATA

Hole No. D - 2 | Date Drilled 3/7/58 - J

Elevation 6800 | Total Depth 308

Elevation Unoxidized Zone 125 (6740) | Property Kim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
0 - 65		No significant radioactivity detected	
65 - 66	1'	.015% eU_3O_8	
66 - 91		No significant radioactivity detected	
91 - 92	1'	.015 eU_3O_8	
92 - 308		No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with air to 140'; completed with water

REMARKS:

WIND RIVER FM:

0 - 200 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; light gray siltstone 66-70'. Becomes gray and unoxidized at 125'.

LEWIS SHALE:

200 - 308 Shale; dark gray, hard.

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Zone:			
0-[illegible]		No significant radioactivity detected	
[illegible]-[illegible]	[illegible]'	.01 [illegible]	
[illegible]-[illegible]		No significant radioactivity detected	

Drilled by Century Geophysical Corp.
Drilled with air to 40 feet; completed with water

REMARKS:

Lind River Formation

0-[illegible] [illegible]; [illegible] in upper [illegible]' changing to hole [illegible] yellow; coarse [illegible] [illegible], [illegible]; black carbonaceous silt, [illegible] [illegible].

[illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] carbonaceous siltstone break [illegible]-[illegible]'. [illegible] to [illegible] [illegible] and light [illegible] silt siltstone [illegible] [illegible]-[illegible].

Lower Shale

[illegible]-[illegible] Shale; [illegible] [illegible], hard.

DRILLING DATA

Hole No. D-11 Date Drilled 3/4/58 S

Elevation 6360 Total Depth 305

Elevation Unoxidized Zone 202 (6658) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 24	No significant radioactivity detected	
24 - 32	8' Slightly mineralized (Max. .03% eU_3O_8)	
32 - 50	No significant radioactivity detected	
50 - 63	13' Mineralized (includes 1' of .10% eU_3O_8 at 55-56' and 2' of .05% eU_3O_8 59-61'.)	
63 - 211	No significant radioactivity detected	
211 - 214	3' Mineralized (Max. .05% eU_3O_8)	
214 - 223	No significant radioactivity detected	
223 - 231	3½' .10% eU_3O_8	
231 - 236	No significant radioactivity detected	
236 - 240	4' Mineralized (Max. .05% eU_3O_8)	

Logged by Century Geophysical Corp.
Drilled with water

REMARKS:

JUNE RIVER FM:

0 - 36 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; very coarse conglomerate 30-36'.

36 - 70 Claystone; bluish gray and silty 36 to 44' and interbedded with yellow and rust colored silty claystone to 64'. Bluish gray 64-70'.

70 - 295 Sandstone and Claystone; interbedded. Sandstone is buff and coarse-grained. Claystones are chiefly blue gray.

PROTEROZOIC (?) FM:

295 - 305 Shale; dark gray

DRILLING DATA

Hole No. D - 12 | Date Drilled 3/6/58 - C

Elevation 6776 | Total Depth 210

Elevation Unoxidized Zone 122 (6654) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data	eU	U
0 - 120	No significant radioactivity detected				
120 - 121½	1½'	.02% eU_3O_8	126-128	.06	.045
121½ - 126	4½'	.036% eU_3O_8	134-136	.05	.048
126 - 133	7'	.01% eU_3O_8	136-138	.05	.06
133- 136	3'	.21% eU_3O_8	138-140	.03	.03
136 - 140	4'	.015% eU_3O_8			
140 - 210	No significant radioactivity detected				

Logged by Century Geophysical Corp.

eChemical Assays are on water-washed cuttings.

REMARKS:

WIND RIVER FM:

0 - 200 Sandstone; pale grayish yellow to pale brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 122'. Distinctive greenish colored unit 106-200'. No significant siltstone or claystone breaks.

FRONTIER (?) FM:

200 - 210 Shale; dark gray

DRILLING DATA

Hole No. ~~D-13~~ Date Drilled ~~[illegible]~~

Elevation ~~[illegible]~~ Total Depth ~~[illegible]~~

Elevation Unoxidized Zone ~~[illegible]~~ Property ~~[illegible]~~

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 100'	No significant radioactivity detected	
100' - 109	2' .02% eU_3O_8	
109 - 230	No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with air to 12[illegible]'; completed with water

REMARKS:

[illegible]:

0 - 220 Sandstone; pale greyish yellow and rusty brown, coarse-grained to conglomeratic, arkosic; greenish grey siltstone 62-65'. Sandstone becomes gray and unoxidized at 100'. Dark grey siltstone break 105-110'.

[illegible] (?) [illegible]:

220 - 230 Shale; dark gray

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	

REMARKS:

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

DRILLING DATA

Hole No. D - 13 Date Drilled 3/7/58 - S

Elevation 6751 Total Depth 200

Elevation Unoxidized Zone 104 (6647 Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 57	No significant radioactivity detected	
57 - 58	2' .01% eU_3O_8	
58 - 70	No significant radioactivity detected	
70 - 81	2' .015% eU_3O_8	
81 - 91	No significant radioactivity detected	
91 - 96	5' .03% eU_3O_8	
96 - 200	No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with air to 34'; completed with water

REMARKS:

WING SIVEH FM:

0 - 197 Sandstone; pale brown to 80' changing to pale grayish yellow, coarse-grained to conglomeratic, arkosic; thin gray claystone break 66-68'; becomes gray and unoxidized at 104'. Distinct greenish color of lower unit begins at 174'.

FRONTIER (?) FM:

197 - 200 Shale; dark gray

DRILLING DATA

Hole No. D-10 Date Drilled 8/14/58 -8

Elevation 6755 Total Depth 100

Elevation Unoxidized Zone 94 (6661) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
DEPTH		
0 - 20	No significant radioactivity detected	
20 - 29	9' .12% eU_3O_8 (oxidized zone)	
29 - 100	No significant radioactivity detected	

Probed with Mabbel Counter

Drilled with water

REMARKS:

WIND RIVER FM:

0 - 136 Sandstone; pale grayish yellow to rust brown, coarse-grained to conglomeratic, arkosic. Claystone breaks 24-30', and 46-50'. Brown carbonaceous lignitic seam 76-78'; gray green claystone 78-82'. Sandstone becomes gray and unoxidized at 94'. Claystone abundant in lower 30 feet.

FRONTIER)?) FM:

136 - 100 Shale; dark gray, soft.

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 40		No significant radioactivity detected	
40 - 58	7'	[illegible]	
58 - 60		No significant radioactivity detected	
60 - 80	20'	[illegible]	
80 - 200		No significant radioactivity detected	

Drilled by Century Geophysical Corp.

Drilled with air to 40'; completed with water

Hole circulated 80 to 80'.

REMARKS:

[illegible]:

0 - 040 [illegible]; pale [illegible] yellow, coarse-grained to conglomeratic, [illegible]. [illegible] unaltered to 100' [illegible] conglomeratic.

[illegible]:

[illegible] - [illegible] [illegible]; [illegible], [illegible].

DRILLING DATA

Hole No. [illegible] - 81 Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 180	[illegible]	

[illegible] Mountain Development Corp.

Drilled with [illegible]

REMARKS:

[illegible]:

0 - 210 [illegible]: [illegible] yellow, [illegible] to [illegible], [illegible]; [illegible] gray and unoxidized at 200'.

[illegible]:

210 - 320 [illegible]: dark gray, [illegible].

DRILLING DATA

Hole No. [illegible] - 16 Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
[illegible]			
0 - 16		No significant radioactivity detected	
16 - 17	5'	[illegible]	
17 - 71		No significant radioactivity detected	
71 - [illegible]	15½'	[illegible] (contains 4' at [illegible] 72-76')	
[illegible] - 200		No significant radioactivity detected	

Cored by Cordery Geological Corp.

[illegible] drill rotor

REMARKS:

[illegible]

0 - 81' [illegible]; pale crystal yellow, [illegible] to [illegible]; [illegible] bluish yellow [illegible] 1-[illegible]'; [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] 00-81'; [illegible] [illegible] [illegible] at 16'.

[illegible]:

81 - 200 [illegible]; dark [illegible], [illegible].

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data	
[illegible]	No significant mineralization recorded		
[illegible]	[illegible]		
[illegible]	No significant mineralization recorded		
[illegible]	[illegible]		
[illegible]	No significant mineralization recorded		
[illegible]	[illegible]		
[illegible]	No significant mineralization recorded	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	No significant mineralization recorded	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	No significant mineralization recorded		
	[illegible]		

REMARKS:

[illegible]

[illegible]

DRILLING DATA

Hole No. D-34 Date Drilled 3/17/58 - C

Elevation 6780 Total Depth 214

Elevation Unoxidized Zone 130 (6650) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 113		No significant radioactivity detected	
113 - 116	3'	.02% eU_3O_8	
116 - 214		No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with air to 70'; completed with water

REMARKS:

WIND.MVER FM:

0 - 184 Sandstone; pale grayish yellow, coarse-grained to conglomeratic; arkosic; black carbonaceous siltstone 114-118'; sandstone becomes gray and unoxidized at 130'.

184 - 196 Claystone; gray green

196 - 203 Sandstone; gray, green

DODY (?) FM:

203 - 214 Shale; dark gray

DRILLING DATA

Hole No. D-35 Date Drilled 3/17/58

Elevation 6801 Total Depth 234

Elevation Unoxidized Zone 150 (6651) Property Rim

Depth	Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 99		No significant radioactivity detected	
99 - 101	2'	.08% eU_3O_8	
101 - 169		No significant radioactivity detected	
169 - 170	1'	.01% eU_3O_8	
170 - 234		No significant radioactivity detected	

Logged by Century Geophysical Corp.

Drilled with air to 103'; completed with water

REMARKS:

MINO RIVER FM:

0-224 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 150'. Gray claystone break 192-196.

CODY (?) FM:

224-234 Shale; dark gray.

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0-10		No significant radioactivity detected	
10-21	3'	.01% eU3O8	
21-37		No significant radioactivity detected	
37-40	2'	.015 eU3O8	
40-100		No significant radioactivity detected	
100-120	1'	.03 eU3O8	
120-170		No significant radioactivity detected	
170-175	2'	.02 eU3O8	
175-[illegible]		No significant radioactivity detected	

No oil by Century Geophysical Corp.
Drilled only one to 200', completed with water.

REMARKS:

[illegible] Hole

0-175 Geologic: [illegible] conglomerate, [illegible]; [illegible] 20'; [illegible] 21-31'; [illegible] anomalies at 100'. [illegible] 175'.

Cont. (2) Hole

175-[illegible] Holes: [illegible]

DRILLING DATA

Hole No. [illegible] - 60 Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 100	No significant radioactivity detected	
100 - 100	.01 mr/hr	
100 - 200	No significant radioactivity detected	

Drilled by Century Geophysical Corp.

Drilled with water

REMARKS:

[illegible]:

0 - 260 Sandstone; pale reddish yellow to buff, coarse-grained to conglomerate, arkosic; [illegible] gray and [illegible] at 170'. [illegible] greenish gray claystone streak 210-215'. [illegible] green clay in lower 5'.

[illegible]:

[illegible] - 250 Hole: dark gray

DRILLING DATA

Hole No. D - 56 Date Drilled 2/3/58

Elevation 6748 Total Depth 245

Elevation Unoxidized Zone (112) 6636 Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 245	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River:

0 - 58 Sandstone; yellowish gray to light brown, coarse-grained to conglomeratic, arkosic. Gray silty claystone split in 58-60'.

58 - 96 Claystone; bluish gray and conglomeratic sandstone, interbedded.

96-235 Sandstone; coarse-grained to conglomeratic; very hard 96-105'; bleached gray and unoxidized at 112' with few thin dark gray carbonaceous siltstone breaks.

Mowry Shale:

235 - 245 Shale; dark gray, hard.

DRILLING DATA

Hole No. [illegible] - [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
[illegible]enth			
0 - [illegible]		No significant radioactivity detected.	
[illegible] - [illegible]	[illegible]'	.0[illegible] CoO_2	
[illegible] - 110		No significant radioactivity detected.	
110 - 1[illegible]1	[illegible]'	.0[illegible] CoO_2	
1[illegible]1 - [illegible]		No significant radioactivity detected.	

[illegible] by Sonoma Geophysical Corp.
[illegible]illed with [illegible].

REMARKS:

[illegible] [illegible]:

0 - [illegible] [illegible]: [illegible] gelled, [illegible] to [illegible], [illegible] [illegible] at 1[illegible]. [illegible] clayey [illegible] [illegible] 1[illegible]-1[illegible]. [illegible] [illegible] [illegible] 1[illegible]-1[illegible]. [illegible] [illegible] [illegible] 1[illegible]-[illegible].

[illegible]:

[illegible] - [illegible] [illegible]: [illegible].

DRILLING DATA

Hole No. D - 63 Date Drilled 3/13/59

Elevation 6796 Total Depth 230

Elevation Unoxidized Zone 180 (6616) Property Kim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 73		No significant radioactivity detected.	
73 - 75	2'	.015% eU_3O_8	
75 - 100		No significant radioactivity detected.	
100 - 102	2'	.02 % eU_3O_8	
102- 137		No significant radioactivity detected.	
137 - 139	2'	.015% eU_3O_8	
139 - 230		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 50'; completed with water.

REMARKS:

Wind River Fm.

0 - 224 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; black carbonaceous siltstone break 160-162; becomes gray and unoxidized at 180; abundant greenish clay 180-224.

Cody Fm:

224 - 230 Shale; dark gray, bentonitic.

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]		
0 - 100	[illegible]	

[illegible] by General [illegible] Corp.
[illegible] with [illegible].

REMARKS:

[illegible]

0 - 60 [illegible] 0 to 80' [illegible]
[illegible] to [illegible], [illegible].
[illegible] 70-77'.

[illegible]:

60 - 100 [illegible]

DRILLING DATA

Hole No. D - 65 Date Drilled 3/24/58

Elevation 6698 Total Depth 140

Elevation Unoxidized Zone 74 (6613) Property Rio

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 140	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 80'; completed with water.

REMARKS:

Lind River Fm:

0 - 130 Sandstone; brown to buff; coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 74'; contains black coaly pieces 34 - 38'

Morrison Fm:

130 - 140 Claystone; gray green.

DRILLING DATA

Hole No. D - 71 Date Drilled 3/14/59 - J

Elevation 6718 Total Depth 220

Elevation Unoxidized Zone 100'(6618) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
0 - 169		No significant radioactivity detected	
169 - 170	1'	.01% eU_3O_8	
170 - 220		No significant radioactivity detected	

Logged by Century Geophysical Corp.

REMARKS:

WIND RIVER FM:

0 - 172 Sandstone; buff to 13', then rusty brown 13-60' underlain by pale greyish yellow to 100' where sandstone becomes gray and unoxidized; coarse-grained to conglomeratic, arkosic.

172 - 206 Claystone; gray green with thin interbedded gray sandstone layers. Sandstone abundant in lower 8'.

MONTIAN (?) FM:

206 - 220 Shale; dark gray, soft.

DRILLING DATA

Hole No. D-72 Date Drilled 3/4/56

Elevation 6731 Total Depth 220

Elevation Unoxidized Zone 108 (6623) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 56	No significant radioactivity detected	
56 - 69	12' Slightly mineralized (Max. .07% eU_3O_8)	
69 - 220	No significant radioactivity detected	

Probed with Lobtel Counter
Logged by Century Geophysical Corp.
Drilled with air to 50'; completed with water

REMARKS:

UTAH MINING FM:

0 - 164 Sandstone; yellow to brown, grayish brown 13-32'; black carbonaceous fragments 64-66 and 109-112'; interbedded yellow gray and blue gray silty claystone 84-93'. Sandstone is orange brown 93 to 109'; becomes gray and unoxidized at 109'.

164 - 174 Claystone; blue gray to gray green; beginning of lower green unit.

174 - 202 Sandstone; gray green, medium to coarse-grained, arkosic, hard. Contains abundant pyrite and green clay. Greenish gray claystone break 134-138'.

SHONKIN FM:

202 - 220 Shale; gray to dark gray, silty

DRILLING DATA

Hole No. D-74 Date Drilled 8/3/80

Elevation 6734 Total Depth 135

Elevation Unoxidized Zone 38 (6696) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 20	No significant radioactivity detected	
20 - 30	2' Mineralized (Mean. .03% eU_3O_8)	
30 - 142	No significant radioactivity detected	
142-146	4' Mineralized (Mean. .06% eU_3O_8)	
146 - 135	No significant radioactivity detected	

Logged by Century Geophysical Corp.
Drilled with air to 80'; completed with water

REMARKS:

WIND RIVER FM:

0 - 100 Sandstone; yellow brown to pale grayish yellow, coarse-grained to conglomeratic, arkosic. Fine to medium-grained and silty 80 to 60'. Becomes gray and unoxidized at 80'.

MOENKOPI (?) FM:

100-135 Shale; dark gray, silty

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - [illegible]	No significant radioactivity detected.	
[illegible] - [illegible]	[illegible] (Sigma)	
[illegible] - [illegible]	No significant radioactivity detected	
[illegible] - [illegible]	[illegible] (Sigma)	
[illegible] - [illegible]	No significant radioactivity detected.	

REMARKS:

[illegible]:

[illegible] - [illegible] Overburden; yellow brown to [illegible] [illegible] to pale [illegible] yellow; coarse-grained to [illegible], [illegible]. Very [illegible] black carbonaceous clayey [illegible] [illegible] to [illegible]-[illegible] [illegible]. Recent [illegible] [illegible] or [illegible] [illegible] by [illegible] [illegible] black carbonaceous clayey [illegible].

[illegible] - [illegible] Siltstone; [illegible] [illegible], [illegible]

[illegible] - [illegible] Siltstone; [illegible] [illegible], coarse-grained, [illegible] [illegible] [illegible] [illegible] clay and [illegible].

[illegible]:

[illegible] - [illegible] Diabase; [illegible] [illegible], soft.

DRILLING DATA

Hole No. D - 76 Date Drilled 3/21/58

Elevation 6766 Total Depth 202

Elevation Unoxidized Zone 56 (6711) Property Lin

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 202	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 50	Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic.
50 - 63	Claystone; yellow to rusty brown in upper 4'; then becomes bluish gray, silty and marls beginning of unoxidized zone.
63 - 120	Sandstone; gray, coarse-grained; interbedded with blue gray clayey siltstone.
120 - 200	Sandstone; gray, coarse-grained to conglomeratic, relatively clean. Becomes very light gray at 130'.

Frontier Fm:

200 - 202	Shale; dark gray, silty.

DRILLING DATA

Hole No. D - 77 Date Drilled 3/21/58

Elevation 6764 Total Depth 198

Elevation Unoxidized Zone 136 (6628) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 198	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Formation

0 - 194 Sandstone; pale grayish yellow to buff; coarse-grained to conglomeratic, arkosic. Thin yellow gray siltstone streaks 68-74'. Sandstone becomes gray and unoxidized at 136'. Lower green unit begins 154'.

Cody Shale:

194 - 198 Shale; dark gray.

DRILLING DATA

Hole No. D - 78 Date Drilled 3/24/58

Elevation 6643 Total Depth 105

Elevation Unoxidized Zone 70 (6573) Property Nim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 105	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Morrison Fm.

0 - 100 Sandstone; pale grayish yellow to orange brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 70'.

Morrison Fm.

100 - 105 Claystone; blue gray

DRILLING DATA

Hole No. D - 70 Date Drilled 8/18/[illegible]

Elevation 6371 Total Depth 126

Elevation Unoxidized Zone [illegible] (6301) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
North		
0 - 30	No significant radioactivity detected.	
30 - 40	.025, [illegible]	
40 - 110	No significant radioactivity detected.	

[illegible] by contact [illegible] alteration. [illegible] water.

REMARKS:

[illegible]

0 - 110 [illegible] brecc, [illegible] [illegible].

[illegible]

110 - 200 [illegible] [illegible].

DRILLING DATA

Hole No. D-33 | Date Drilled 3/3/59

Elevation 6726 | Total Depth 190

Elevation Unoxidized Zone 70 (6649) | Property Rio

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
0 - 73	No significant radioactivity detected	
73 - 81	8' Mineralized (contains 1' of .10% eU_3O_8) probably associated with dark brown lignitic claystone.	
81 - 190	No significant radioactivity detected	

Probed with Nabtrol Counter
Drilled with air to 20'; completed with water

REMARKS:

RIO GRANDE FM:

0 - 90 Sandstone; orange brown in upper 5'; then pale grayish yellow; coarse-grained to conglomeratic, arkosic. Blue gray silty claystone 54-60'; numerous blue gray claystone breaks 68-70'; dark brown lignitic claystone 70-72'. Unoxidized zone begins at 73'.

90 - 114 Claystone; siltstone, and sandstone; gray, intercalated.

120 - 134 Sandstone; gray, coarse-grained to conglomeratic.

MANCOS FM:

134 - 190 Shale; dark gray, silty.

DRILLING DATA

Hole No. D - 89 Date Drilled 3/20/58

Elevation 6744 Total Depth 200

Elevation Unoxidized Zone 93 (3646) Property Ri

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth 0 - 200	No significant radioactivity detected	

Logged by Century Geophysical Corporation.
Drilled with water.

REMARKS:

Wind River Formation:

0 - 60	Sandstone; pale grayish yellow to rusty brown, coarse-grained to conglomeratic, arkosic
60 - 82	Claystone; blue gray, silty; interbedded with tuff sandstone.
82 - 194	Sandstone; as above, becomes gray and unoxidized at 93'; interbedded blue gray silty claystone common in lower part.

Frontier Formation:

194 - 200	Shale; gray to dark gray

DRILLING DATA

Hole No. [illegible] - 30 Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0-200	[illegible]	

[illegible] by [illegible] [illegible] corporation

[illegible]

REMARKS:

Bedrock Formation

0 - 55	Limestone: pale [illegible] yellow, coarse-grained to cobbleoolitic, calcitic. Much [illegible] yellow clay 44-49'
55-98	Claystone: pale yellowish gray to [illegible], [illegible], [illegible], locally 70-75'. [illegible] and [illegible] 88-95'.
98-200	Sandstone: gray, [illegible] to cobbleoolitic, [illegible] [illegible] clay; dark [illegible] [illegible] 182-186'. [illegible] 187-197'.

Bedrock Formation

199 - 200	Shale: dark gray, [illegible].

DRILLING DATA

Hole No. D - 91 Date Drilled 3/13/58

Elevation 6767 Total Depth 200

Elevation Unoxidized Zone 136 (6631) Property Rim

Thickness Mineralized Intervals Depth	Average Probe Readings	Assay Data
0 - 200	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm.

0 - 62	Sandstone: pale greyish yellow, coarse-grained to conglomeratic, arkosic.
62 - 80	Claystone: yellowish gray, silty with interbedded coarse sandstone.
80 - 196	Sandstone: as above, locenos gray and unoxidized at 136. Very clayey 163-196

Cody Fm.

196 - 200	Shale: dark gray, soft, greasy.

DRILLING DATA

Hole No. D - 38 Date Drilled 6/24/60

Elevation 8000 Total Depth 60

Elevation Unoxidized Zone 77(8020) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 60	No significant radioactivity detected.	

Bored by Bearing Contractors Corp.
Drilled [illegible] rotor.

REMARKS:

[illegible]

0 - 38 Description: [illegible] regular yellow to buff, [illegible] medium to coarsegrained, [illegible]; [illegible] drilling elsewhere break 48 - 52; [illegible] chocolate brown [illegible] 60 - 63; [illegible] gray [illegible] 77.

Description [illegible]:

38 - 60 Description: [illegible].

DRILLING DATA

Hole No. D - 99 Date Drilled 3/20/88

Elevation 6670 Total Depth 192

Elevation Unoxidized Zone 60 (6610) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0-20		No significant radioactivity detected	
20-22	2'	.01% eU_3O_8	
22-45		No significant radioactivity detected	
45-47	2'	.015% eU_3O_8	
47-147		No significant radioactivity detected	
147-148	1'	.01% eU_3O_8	
148-192		No significant radioactivity detected	

Logged by Century Geophysical Corp.
Drilled with air to 48'; completed with water.

REMARKS:

Wind River Fm:

0-199 Sandstone; orange brown 0-3', then pale grayish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 60'. Sandstone is pale gray with light gray clay matrix 186-199'.

Moury Fm:

199-192 Shale; dark gray, hard.

DRILLING DATA

Hole No. D - 100 Date Drilled [illegible]

Elevation 6001 Total Depth 200

Elevation Unoxidized Zone 50 (6051) Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0-01		No significant radioactivity detected	
01-02	1'	.02 [illegible]	
02- 100		No significant radioactivity detected	

Drilled by Century Geophysical Corp.
Drilled with [illegible] meter.

REMARKS:

[illegible]

0-100 Limestone: brown to rusty brown, hard-dense, [illegible] 2-50'; coarse grained to sandy [illegible], [illegible]; [illegible] [illegible] at 50'.

[illegible]:

100-200 Shale: dark gray, soft.

DRILLING DATA

Hole No. D - 103 Date Drilled 3/20/56

Elevation 6600 Total Depth 100

Elevation Unoxidized Zone 20 (6610) Property Ria

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
North			
0 - 15		No significant radioactivity detected.	
15 - 20	5'	.01% eU_3O_8.	
20 - 100		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 166 Sandstone; pale brown, coarse-grained to conglomeratic, arkosic; interbedded gray silty claystone 10 - 30; tuffaceous gray and unoxidized at 80. Much clay cement and dark gray clayey siltstone breaks 140 - 166.

Frontier Fm:

166 - 100 Shale; dark gray, silty, soft.

DRILLING DATA

Hole No. D - 103 Date Drilled 3/31/50

Elevation 0720 Total Depth 100

Elevation Unoxidized Zone 00 (0650) Property Pin

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0-100	No significant radioactivity detected	

Logged by Century Geophysical Corp.
Drilled with water

REMARKS:

Lithologic Log	
0 - 173	Sandstone; pale greyish yellow, coarse-grained to gray lamprophyre, arkosic. Greenish gray siltstone 60 - 76 interbedded with sandstone. Lacustrine gray and carbonized at 00.
Lithologic Log	
173 - 100	Shale; gray, sandy.

DRILLING DATA

Hole No. D - 104 Date Drilled 3/19/58

Elevation 6766 Total Depth 210

Elevation Unoxidized Zone 140 (6626) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 210	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 196 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 140.

Frontier Fm:

196 - 210 Shale; gray, silty in upper part becoming dark gray in lower 10.

DRILLING DATA

Hole No. D - 105 Date Drilled 8/19/80

Elevation 6737 Total Depth 170

Elevation Unoxidized Zone 116 (6621) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 93	No significant radioactivity detected.	
93 - 95	.01% eU_3O_8	
95 - 170	No significant radioactivity detected.	

REMARKS:

Wind River Fm:

0 - 164 Sandstone; rusty brown in upper 16 then pale grayish yellow, coarse-grained to conglomeratic, arkosic. Thin gray claystone break 96-98'. Becomes gray and unoxidized at 116. Sandstone is light gray with clay matrix 116-136. Thin dark gray claystone break 136-138.

Cody Fm:

164 - 170 Shale; dark gray, soft.

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]		
[illegible]	[illegible]	

REMARKS:

[illegible]:

[illegible] [illegible]

[illegible]:

[illegible] [illegible]

DRILLING DATA

Hole No. D - 107 Date Drilled 8/23/68

Elevation 6683 Total Depth 103

Elevation Unoxidized Zone 80 (6603) Property Min

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
North		
0 - 103	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 72'; completed with water.

REMARKS:

Wind River Fm:

0 - 80 Sandstone: pale greyish yellow to orange brown, coarse-grained to conglomeratic, arkosic.

Morrison Fm:

80 - 103 Claystone: grey green, silty.

DRILLING DATA

Hole No. [illegible] - 100 Date Drilled [illegible]

Elevation [illegible] Total Depth 150

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]		
0-70	[illegible]	
70-[illegible]	[illegible]	
70-200	[illegible]	
[illegible]		

REMARKS:

[illegible]

0-3.6 [illegible]

[illegible]:

[illegible] [illegible]

DRILLING DATA

Hole No. D - 109 Date Drilled 3/25/80

Elevation 6888 Total Depth 170

Elevation Unoxidized Zone 50 (6838) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 170	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 40'; completed with water.

REMARKS:

Wind River Fm:

0 - 50 Sandstone: brown to pale grayish yellow, coarse-grained to conglomeratic, arkosic. Coarse conglomeratic 46 - 49'.

Fermopolis Shale:

50 - 170 Shale: dark gray to olive colored.

DRILLING DATA

Hole No. B - 111 Date Drilled [illegible]

Elevation 6370 Total Depth 100

Elevation Unoxidized Zone 36 (6334) Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 0		No significant radioactivity detected.	
0 - 10	3'	.010% eU_3O_8	
10 - 33		No significant radioactivity detected.	
33 - 39	6'	.008% eU_3O_8 (containing 2½' of .18% eU_3O_8 from 36'-37½')	
39 - 100		No significant radioactivity detected.	

Named by Century Geological Corp.
Drilled with air to 60'; no blower with water.

REMARKS:

Drill Log:

0 - 78 Sandstone: Brown, coarse-grained to conglomeratic, arkosic; dark chocolate brown limonite clayey siltstone 32 - 40; lenses gray and unmineralized at 34'.

78 - 8 Sandstone: Tan, silty, with some thin conglomeratic lenses.

Heavy Mud:

80 - 100 Mud: Dark gray, hard.

DRILLING DATA

Hole No. D - 113 Date Drilled 3/28/80

Elevation 6640 Total Depth 80

Elevation Unoxidized Zone 60 (6580) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 40		No significant radioactivity detected.	
49 - 54	5'	.018% eU_3O_8	
54 - 80		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 30'; completed with water.

REMARKS:

Wind River Fm:

0 - 77 Sandstone; brown, coarse-grained to conglomeratic, arkosic; becomes gray and unoxidized at 60'.

Cherry Chalk:

77 - 80 Chalk; dark gray, hard.

DRILLING DATA

Hole No. D - 113 Date Drilled 3/21/58

Elevation 6732 Total Depth 180

Elevation Unoxidized Zone 80 (6652) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth 0 - 180	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 174 Sandstone: pale greyish yellow, coarse-grained to conglomeratic, arkosic; becomes brown 40 - 80'; medium-grained with uniform texture 120 - 170'.

Frontier Fm:

174 - 180 Shale: dark gray.

DRILLING DATA

Hole No. D - 114 Date Drilled [illegible]

Elevation 6756 Total Depth 200

Elevation Unoxidized Zone 60 (6696) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 60	No significant conductivity detected.	
60 - 80	9' .01 of O_2.	
80 - 200	No other least conductivity detected.	

Drilled by Century Geographical Corp.
Drilled with air to 60'; completed with water.

REMARKS:

Depth Log

0 - 140 Overburden: [illegible] soil, [illegible] to [illegible] conglomerate, [illegible]; [illegible] continuous shale break 60 - 80'; [illegible] clay stone 80 - 90' and 110 - 140'. [illegible] to [illegible], [illegible] 72 - 80'. [illegible] [illegible] at 100'; [illegible] by 60' [illegible] clay stone. [illegible], [illegible] 110 - 120' and 130 - 140'.

140 - 150 Shale: [illegible], [illegible].

150 - 180 [illegible]: [illegible].

180 - 200 Diorite: [illegible] [illegible] [illegible] [illegible]. [illegible] 190 - 200'.

Geology:

180 - 200 Diorite: [illegible].

DRILLING DATA

Hole No. D - 116 Date Drilled 3/23/58

Elevation 6711 Total Depth 150

Elevation Unoxidized Zone 73 (6638) Property Pin

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 150	No significant radioactivity detected	

Logged by Century Geophysical Corp.
Drilled with water.

REMARKS:

Wind River Fm:

0 - 144 Sandstone; brown to orange brown, coarse-grained to conglomeratic, arkosic; greenish gray silty claystone 66-84'; unoxidized zone begins 70' marked by 8' of greenish gray clayey siltstone. Distinctive lower green unit begins 118' with 8' of blue gray to green gray silty claystone.

Cody Fm:

144 - 150 Shale; dark gray, soft.

DRILLING DATA

Hole No. D - 116 Date Drilled 3/24/58

Elevation 6582 Total Depth 60

Elevation Unoxidized Zone 40 (6582) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 60	No significant radioactivity detected	

Logged by Century Geophysical Corp.
Drilled with air.

REMARKS:

Wind River Fm:

0 - 40 Sandstone; buff, coarse-grained to conglomeratic, arkosic

Morrison Fm:

40 - 60 Claystone; gray green, silty

DRILLING DATA

Hole No. D - 117 Date Drilled [illegible]

Elevation [illegible] Total Depth [illegible]

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]		
0 - [illegible]	[illegible]	

[illegible]

REMARKS:

[illegible]

[illegible]

DRILLING DATA

Hole No. D - 110 Date Drilled 3/25/80

Elevation 6665 Total Depth 90

Elevation Unoxidized Zone 56 (6609) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 90	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 65'; completed with water.

REMARKS:

Wind River Fm:

0 - 56 Sandstone; brown to yellow, coarse-grained to conglomeratic, arkosic.

Morrison Fm:

56 - 90 Siltstone; greenish gray, clayey, some fine-grained sandstone and reddish brown claystone in lower 6'.

DRILLING DATA

Hole No. 9 - 120 Date Drilled [illegible]

Elevation [illegible] Total Depth 120

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]		
9 - 120	No significant mineralization detected.	

[illegible]

REMARKS:

[illegible]

9 - 90 [illegible]

[illegible]

90 - 120 [illegible]

DRILLING DATA

Hole No. D - 120 Date Drilled 8/[illegible]/[illegible]

Elevation 8784 Total Depth 120

Elevation Unoxidized Zone [illegible] (8583) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Hole		
0 - 120	No significant radioactivity detected.	

Lo ncc by Century corrgated Corp.
Drilled with air to 80'; no water encountered.

REMARKS:

Log Over Hole:

0 - 6	Siltstone; yellow brown, dusty
6 - 80	Conglomerate; brown, arkosic.
80 - 84	Claystone and siltstone; yellow brown. Circulation lost 83' to 85' - 80 gallons.
84 - 112	Siltstone; pale purple yellow to buff, ferruginized to red, domestic, arkosic; bedding flat and unmodified at 85'.

Unmineralized Hole:

112 - 120	Shale; dark gray.

DRILLING DATA

Hole No. D - 110 Date Drilled [illegible]

Elevation [illegible] Total Depth 100

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Hole D			
0 - 40		No significant radioactivity recorded.	
40 - 45	5'	.005 eU$_3$O$_8$ (5' of 10 grade mineralization from 40 - 50' shows .0[illegible] eU$_3$O$_8$)	
45 - 100		No significant radioactivity recorded.	

No. of 10 density contained here.
Hole was cut to 60'; no placed cut core.

REMARKS:

Hole Over The

0 - 70 Limestone; pale purple rather to brown, coarse-grained to conglomeratic, unbedded. Most mineralized zones limonite stained 40 - 70'; because the core shattered at 72'.

Hole Hole:

70 - 100 Shale: Poorly cut 70 - 80'; brown, silty, soft red brown with hard red fragments. Underlying sandstone crept 80 - 100'; [illegible] 100 - 100' after hole was to [illegible] sandstone shortcore. [illegible] 200 - 200'.

DRILLING DATA

Hole No. D - 102 Date Drilled [illegible]

Elevation [illegible] Total Depth 60

Elevation Unoxidized Zone 47 ([illegible]) Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 60	No significant mineralization encountered.	

Started by Century Geophysical Corp.
Drilled with air to 48'; continued with water.

REMARKS:

[illegible]

0 - 47 Quartzite; [illegible] to [illegible] brown; coarse- grained to [illegible], [illegible].

[illegible]

47 - 60 Phyllite; [illegible], hard.

DRILLING DATA

Hole No. D - 132 Date Drilled 5/20/60

Elevation 6080 Total Depth 80

Elevation Unoxidized Zone 34 (6060) Property Nin

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 80	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 20'; completed with water.

REMARKS:

Wind River Fm

0 - 34 Sandstone; pale grayish yellow 0 - 15'; brown 15-34'; coarse-grained to conglomeratic, arkosic.

Mowry Shale:

34 - 80 Shale; pale gray 34-60'; black, hard, siliceous typical Mowry 60-80'.

DRILLING DATA

Hole No. [illegible] -100 | Date Drilled [illegible]

Elevation [illegible] | Total Depth 110

Elevation Unoxidized Zone [illegible] | Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible]		
[illegible] - 110	[illegible]	

[illegible]

REMARKS:

[illegible]

[illegible] - [illegible] [illegible]

[illegible]

00 - 100 [illegible] [illegible] cemented.

100 - 110 [illegible] [illegible]

DRILLING DATA

Hole No. D - 124 Date Drilled 3/20/58

Elevation 6726 Total Depth 162

Elevation Unoxidized Zone 100 (6626) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
Depth		
0 - 162	No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 30'; completed with water.

REMARKS:

Wind River Fm:

0 - 156 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; yellow gray siltstone 26 - 30'; tocoloos gray and unoxidized at 100'; dark brownish black carbonaceous claystone or shale 113-114' and 118 - 120'; and 126-127'

Frontier Fm:

156 - 162 Siltstone; gray, sandy

DRILLING DATA

Hole No. [illegible] - 1[illegible]

Date Drilled [illegible]/[illegible]/[illegible]

Elevation 0703

Total Depth [illegible]

Elevation Unoxidized Zone [illegible] ([illegible])

Property [illegible]

Thickness Mineralized Intervals | Average Probe Readings | Assay Data

[illegible]

0 - 1[illegible] No significant radioactivity detected.

Logged by Century Geophysical Corp.
Drilled with air to 40'; completed with water.

REMARKS:

[illegible]:

0 - 1[illegible] [illegible] ... fragments (0-30'; ... 30 - 50'; ... 74-7[illegible]' and 1[illegible]-1[illegible]0'. ... to 1[illegible]0'.

Core hole:

1[illegible] - 14[illegible] Shale: gray.

DRILLING DATA

Hole No. D - 126 Date Drilled 8/21/59

Elevation 6703 Total Depth 140

Elevation Unoxidized Zone 40 (6662) Property Nim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
Depth			
0 - 35		No significant radioactivity detected.	
35 - 39	4'	.015% eU_3O_8	
39 - 140		No significant radioactivity detected.	

Logged by Century Geophysical Corp.
Drilled with air to 40'; completed with water.

REMARKS:

Wind River Formation:

0 - 26	Sandstone; yellow brown to dark iron-rich rusty brown particularly 4 - 6', 10-12' and 16-26'
26 - 40	Siltstone; yellowish gray, sandy.
40 - 60	Claystone; pale blue gray, silty; becomes deeper colored with dark gray streaks 56-60'.
60 - 90	Sandstone; gray, coarse-grained, arkosic; carbonaceous chocolate brown claystone 60-64'; thin greenish gray siltstone break 66-68'.
90 - 120	Claystone; light gray, silty, Coarse gray sandstone break 104-107' underlain by typical blue gray silty claystone.
120 - 140	Sandstone; gray, coarse-grained to conglomeratic, arkosic; with thin clayey siltstone seams.

FINAL DISTRIBUTION

MADE APR 2 1958

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

Administrative Audit Difference Statement

Uranium Research & Development Co.
209 Denham Building
Denver, Colorado

Date: April 1, 1958
Payee's Reference: February 1958
4644
DMEA-~~4844~~

Gentlemen:

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

Amount Claimed	$	10,120.50
Difference	$	54.00
Amount Approved	$	10,066.50

The reason for the difference was due to:

Total excess drilling below base of Wind River formation -------	221 feet
Drilling deducted by Operator ----------	161 feet
Additional excess drilling to be disallowed ----------	60 feet
Disallowed, reported cost for 60 feet non-core drilling at $0.90 per foot ----------	$54.00

The inspecting engineer concurred in the above disallowance by telephone on March 27, 1958.

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

Very sincerely yours,

N. E. Stokes
Audit Section

ORIGINAL FILE COPY
DMEA
RECEIVED APR 4 1958

DATE	INITIALS	CODE
4/4	C	220
4	Jg	110
4/8	Chiny	700

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

224 New Customhouse
Denver 2, Colorado
March 27, 1958

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 4644 (Uranium) Contract Idm-R1166, Uranium Research and Development Co., (Rim group of claims) Fremont County, Wyoming - Operator's Monthly Progress Report for the month of February, 1958

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

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. All of the work was performed at "Fixed Unit Costs" under the short form contract on Form NF-200A, therefore documentation of the costs is not required. We recommend that payment be made to the Operator on the following basis, contingent on your verification of applicable rates and arithmetical accuracy within the report.

The contract stipulates that all holes be drilled through the upper Wind River formation, but that none shall extend more than 10 feet below the base of the upper Wind River formation. The Operator has deducted 161 feet of excess drilling; however, a check of the lithologic logs indicates that a total of 221 feet of excess drilling was performed, as indicated below.

Hole No.	Total Depth	Allowable, 10 ft. below Wind River	Excess Drilling
D-26	253	210	43
D-36	110	104	6
D-40	234	230	4
D-50	160	96	64
D-51	160	142	18
D-53	250	222	28
D-66	110	108	2

D-81	176	170	6
D-83	250	248	2
D-85	178	167	11
D-94	120	83	37

Total excess footage---------- 221

Total excess drilling below base of Wind River formation----------221 feet
Drilling deducted by Operator----------161 feet
Additional Excess drilling to be disallowed---- 60 feet

Disallow, reported cost for 60 feet non-core drilling at $0.90 per foot----------$54.00

The inspecting engineer concurred in the above disallowance by telephone on March 27, 1958.

Reconciliation with Amount Reported by the Operator on Form MF-104 for February, 1958

Amount reported on Form MF-104 for February, 1958--------$10,120.50
Amount to be disallowed---------- 54.00
Acceptable cost for February, 1958---------- 10,066.50

Government participation at 75 percent----------$ 7,549.88

Remarks:

Date of Report----------March 4, 1958
Date Received in Field Office----------March 11, 1958
Date Received in Region Office----------March 20, 1958

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

Enclosures

JDC:hah

cc: Chmn. Op. Comm. (2)
DMEA, BPC
MF-104 file, Reg. III
Harshman) w/copy of
Townsend) Engr's Report
Chron

DMEA
DEPARTMENT OF THE INTERIOR

REGION III

MAR 20 1958
REGION III
DENVER, COLORADO

Building 20
Denver Federal Center
Denver 2, Colorado
March 19, 1958

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: E. O. Binyon

Subject: Docket DMEA ~~4644~~ 4644 (Uranium) Contract Idm-E1166,
Uranium Research and Development Co. (Rim group of claims)
Fremont County, Wyoming -- Progress report for February 1958

An inspection of the drilling completed during the subject period was made March 13, 1958. Three drills were in operation in the northeastern part of the property at the time of the inspection.

The hole locations and depths were found to be as shown on the operator's map and lithologic logs of the holes. As reported, 56 holes with a total aggregate footage of 11,086 ft. were drilled. The operator, however, has claimed 10,925 ft. or 161 ft. less for over drilling into the underlying formations.

A check of a few of the holes with a geiger counter gave results comparable to those reported by the operator . In hole D-28 from depth 64-78 the counter reading indicated 0.09 to 0.12 percent eU_3O_8. In hole B-44 the reading was about 0.05 to 0.08 percent eU_3O_8. The count in others indicated a slightly lower eU_3O_8 percent than reported.

The MF-104 and MF-104A were checked and found to be correct and the amount claimed for analyses of 7 samples from hole D-28 is documented.

It is recommended that the operator be paid $7,590.37 or the Government's share at 75 percent of $10,120.50 the total amount claimed.

Expiration date of the contract is July 27, 1958.

E O Binyon
E. O. Binyon
Mining Engineer

EOB/mr
cc: 6
Idm-E1166
chron

URANIUM RESEARCH & DEVELOPMENT CO.
209 Denham Bldg.
Denver, Colorado

DMEA
DEPARTMENT OF THE INTERIOR
MAR 7 - 1958
REGION III
DENVER, COLORADO

Executive Officer
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

Re: Docket No. DMEA 4644 (Uranium)
Contract No. Idm - E1166
Uranium Research and Development Co.
(Rim Group claims)
Fremont County, Wyoming

Dear Sir:

Transmitted herewith are the original and four copies of the monthly report for February showing the progress of exploration of Uranium Research and Development Co., under the above captioned contract.

The following reports are included:

1. Form MF 104
2. Form MF 104A
3. Signed narrative report
4. Lithologic and radioactivity logs of each completed drill hole
5. Certified copy of assay results
6. Claim map showing location of completed drill holes, collar elevations, completed depths, formation bottomed in, and intensity of radioactivity.

Sincerely yours,
Ralph L. Erickson
URANIUM RESEARCH & DEVELOPMENT CO.
Ralph L. Erickson, Vice President

RLE:eme
Enclosures

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of February, 1958 Docket No. DMEA 4644 Contract No. Idm - E1166
Operator's Name Uranium Research and Development Company Minerals Uranium
Address 209 Denham Building, Denver 2, Colorado
Contract Amount, $ 53,760 Government Participation: 75% Amount, $ 40,320

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 (Feet)	$ 9832.50	0	$ 9832.50			
Bulldozing	260.00	0	260.00			
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	28.00	0	28.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	$ 10,120.50		$ 10,120.50	10,066.50		10,066.50

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

Date 3/4/58 *Payee Uranium Research and Development Company
Ralph L. Erickson Vice President
Per Ralph L Erickson Title

*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:

$ 7549.88

Signature
(Authorized Certifying Officer)

Date 4/1/58 Vou. No. DMA 58-105

(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. DME 1166 in accordance with the terms of the contract.

Signature C. O. Simpson (#7590.37) Title Mining Engineer Date March 19, 1958

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

Signature E. M. Hawkins Title acting Executive Officer Date MAR 27 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of February 1958 Docket No. DMEA 4644 Contract No. Idm - E 1166

Operator's Name Uranium Research and Development Company Minerals Uranium

Address 209 Denham Building, Denver 2, Colorado

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~~ ~~Chip~~ Rotary	Feet	$9832.50	10,925	$ 9832.50	10,925	$0.90/Ft	57,500	$ 0.90/Ft.
Auger								
Stripping								
Trenching								
Test Pits								
~~Roads and Trails~~ Bulldozing	Hrs.	$ 260.00	20	$ 260.00	20	$13/hr.	24	$13/hr.
Assays	Ea.	28.00	7	28.00	7	$ 4	360	$ 4
TOTAL DISTRIBUTED COSTS	$	10120.50		$10,120.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS	$	10,120.50		$10,120.50				

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

REMARKS:

Date 3/4/58 Operator Uranium Research and Development Company

Per Ralph L Erickson Title Vice President

Ralph L. Erickson

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 Bruyon

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

NARRATIVE REPORT

Re: Docket No. DMEA 4644 (Uranium)
Contract No. Idm-E1166

Exploration work on the phase I program of the contract was begun February 5, 1953. In the first month's operations, fifty-six (56) holes have been completed through the upper Wind River formation, aggregating 11,086 feet of drilling. In order to make certain of the validity of the pre-Wind River contact and to aid in identification of the pre-Wind River formations bottomed in, several holes were drilled in excess of the 10 feet below the base of the Wind River formation specified by the contract. This excess footage totaled 161 feet so that only 10,925 feet is reported on Form 104 A. The location of these holes, collar elevations, total depths, degree of radioactivity detected, and formation bottomed in is shown on the accompanying claim map.

The lithologic logs, results of radiometric probing, and chemical assays on the completed holes are reported on form sheets. These sheets also indicate the collar elevation, total depth, and elevation of the unoxidized zone.

All holes have been drilled with air insofar as possible and completed with water. Samples have been taken for every 2 feet drilled and a split of the cuttings has been stored for government use.

Gamma ray and resistivity logs have been made on 23 holes by Century Geophysical Corporation at our cost in order to better define the lithologic breaks and changes and to correlate gamma ray peaks with lithologic characteristics. These logs will prove invaluable in the compilation of subsurface geologic maps.

The completed holes ranged in depth from 110 to 320 feet and averaged 196 feet. Because the anticipated average drilling depth was 250 feet, the total footage under the phase I program will be less by as much as 6,000 feet.

The bulldozing costs have been higher than anticipated because of the necessity of using a ripper to buck the frozen ground before drilling sites can be leveled.

Twenty-nine of the fifty-six (56) completed holes show significant radioactivity anomalies. Of these twenty-nine (29) holes, fourteen (14) contain anomalies only in the oxidized zone. It has been our experience on this property in the past that equilibrium conditions in the oxidized zone are not favorable. Fifteen (15) holes contain anomalies in the unoxidized zone where equilibrium conditions are normally favorable. One hole contained ore grade

material (Hole #20); chemical assays of air blown samples indicate ten (10) feet of .14% U_3O_8 at relatively shallow depths (64-74 feet). Five holes contained radioactivity between .05% and .10% eU_3O_8 in the unoxidized zone. These holes are shown on the accompanying map.

Although sufficient data has not been received in this first month of operation to complete special maps, we are compiling the data to prepare the following maps:

1. Subsurface geologic map
2. Configuration of the pre-Wind River erosion surface.
3. Contour map of the elevation of the unoxidized zone.

We expect that the location of our presently known ore holes on Claim No. 55 and the mineralized areas encountered thus far in the DMPA program will show some relationship to these Special Maps when the Phase 1 Program is completed.

URANIUM RESEARCH AND DEVELOPMENT COMPANY

Ralph L Erickson

Ralph L. Erickson,
Project Geologist

RE
mb/enclosure

Chemical Analysis Report for:

Uredco

2/16/58

Lab. No.	Customer's Sample No.		% U_3O_8	
47-1	28,	64-66	0.17	0.16
11-2	28,	66-68	0.07	0.14
11-3	28,	68-70	0.17	0.19
11-4	28,	70-72	0.07	0.10
11-5	28,	72-74	0.12	0.13
11-6	28,	74-76	0.02	0.05
11-7	28,	76-78	0.10	0.09

John K. Schneider

Assayer--- John K. Schneider
A.E.C. Umpire Analyst

No. Assays 7 at 4.00 each= 28.00

Credit Balance _____ Balance due _____

Total due 28.00

DRILLING DATA

Hole No. D - 22 Date Drilled 8/21/58 - C

Elevation 6688 Total Depth 130

Elevation Unoxidized Zone 70' (6618) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected

Probed with Babbol counter

Drilled with air to 24'; completed with water

REMARKS:

WIND RIVER FM.

0 - 20 Alluvium

20 - 40 Conglomerate; yellow, arkosic

40 - 104 Sandstone; rusty orange brown, conglomeratic, arkosic; becomes gray and unoxidized at 70'.

104 - 120 Claystone; blue gray and conglomerate, intermixed; claystone is probably reworked Morrison.

MORRISON FM:

120 - 130 Claystone; gray, brownish green

DRILLING DATA

Hole No. D -23 Date Drilled 2/20/58 - C

Elevation 6718 Total Depth 160

Elevation Unoxidized Zone 73 (6645) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
46 - 52	6'	Slightly mineralized (Max. .03% eU_3O_8)	

Probed with Babbel Counter

Drilled with air to 82'; completed with water

REMARKS:

WIND RIVER FM:

0 - 150 Sandstone; yellow, pale yellow gray; orange brown 8-14'; coarse-grained to conglomeratic, arkosic. Greenish brown siltstone break 24-28'. Gray, silty unoxidized sandstone 44-46'. Brownish gray siltstone break 46-50'. Sandstone becomes gray and unoxidized at 73' marked by thin dark gray siltstone. Gray claystone break 94-96'. Sandstone is black and carbonaceous 112-114'. Very conglomeratic 130-140'. Interbedded with greenish gray claystone 142-150'.

MORRISON FM:

150 - 160 Claystone; variegated green and gray with some rusty sandstone pieces.

DRILLING DATA

Hole No. D - 24 Date Drilled 2/20/58 - S

Elevation 6731 Total Depth 194

Elevation Unoxidized Zone 40 (6691) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected

Probed with Babbel Counter

Drilled with air to 104; completed with air.

REMARKS:

WIND RIVER FM:

0 - 40' Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic; becomes orange brown 20-40'.

40 - 48' Siltstone; greenish gray, sandy; beginning of unoxidized zone.

48 - 164 Sandstone; gray, coarse-grained to conglomeratic, arkosic. Conglomerate 98-100'. Thin Siltstone break 100-102'.

164 - 170 Claystone; green

170 - 186 Sandstone; green

MORRISON FM.

186 - 194 Claystone; greenish gray.

DRILLING DATA

Hole No. D - 25 Date Drilled 2/19/58 - S

Elevation 6735 Total Depth 215

Elevation Unoxidized Zone 110 (6625) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected

Probed with Babbel Counter

Drilled with air to 40'; completed with water.

REMARKS:

WIND RIVER FM:

0 - 206 Sandstone; yellow brown 0-20', very pale grayish yellow to 100', brown to 110'. Becomes gray and unoxidized at 110'. Becomes coarse-grained to conglomeratic, arkosic. Very clean sand. No significant claystone or siltstone breaks.

MORRISON FM:

206 - 215 Sandstone; and Claystone; interbedded. Sandstone is light gray; claystone is greenish gray.

DRILLING DATA

Hole No. D - 26 | Date Drilled 2/13/58 - S

Elevation 6760 | Total Depth 253

Elevation Unoxidized Zone 110 (6650) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
17 - 18	1'	.07% U_3O_8	
24 - 31	7'	Slightly mineralized (max. 04% U_3O_8)	

Probed with Babbel Counter

Drilled with air to 38'; completed with water

REMARKS:

WIND RIVER FORMATION:

0- 200 Sandstone; yellow, pale grayish yellow, and orange brown; coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 110'. No significant siltstone or claystone breaks.

CLOVERLY FM:

200 - 206 Sandstone; pale grayish white, clayey

206 - 253 Conglomerate; chert pebble

DRILLING DATA

Hole No. D-27 Date Drilled 2/13/58

Elevation 6803 Total Depth 280'

Elevation Unoxidized Zone (43) 6760 Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
14 - 18	4'	Mineralized (Max. .07%eU3O8)	
34 - 36½	2½'	Slightly mineralized	
40 -42	2	Very slightly mineralized	

Probed with Babbel counter.

Drilled with air to 84'; completed with water

REMARKS:

WIND RIVER FM.

0 - 18' Sandstone; orange brown, coarse-grained to conglomeratic, arkosic.

18 - 26 Siltstone: yellow brown in upper 1 foot then becomes gray and unoxidized. Sandy in lower part.

26 - 43 Sandstone; orange brown to pale grayish yellow, coarse-grained to conglomeratic, arkosic.

43 - 54 Silstone and claystone; bluish green, sandy.

54 - 126 Sandstone; greenish gray, unoxidized, fine to medium-grained, silty. Becomes gray and more coarse-grained at 58'.

126 - 142 Claystone; gray, greenish gray, and dark gray; with some interbedded coarse sandstone.

142 - 244 Sandstone; gray, coarse-grained to conglomeratic with claystone.

244 - 276 Claystone; gray and greenish gray with interbedded conglomerate.

THERMOPOLIS FM.

276 - 280 Shale; black to dark gray.

DRILLING DATA

Hole No. D-28 Date Drilled 2/14/58 - J

Elevation 6803 Total Depth 276

Elevation Unoxidized Zone 38 (6765) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
$9\frac{1}{2}$ - $11\frac{1}{2}$	2'	Mineralized (Max. reading .05%eU_3O_8)	
$34\frac{1}{2}$ - 48	$10\frac{1}{2}$'	Mineralized (Max. reading .06%eU_3O_8)	
65 - 69	4'	.195%eU_3O_8	

Probed with Babbel counter
Logged by Century Geophysical Corp.
Assays are on air blown samples . . . . .
Drilled with air to 90', completed with water

	eU_3O_8	Chemical U_3O_8
64-66'	.17	.16
66-68'	.07	.14
68-70'	.17	.19
70-72'	.07	.10
72-74'	.12	.13
74-76'	.02	.05
76-78'	.10	.09

REMARKS:

WIND RIVER FM.

0--38' Sandstone; yellow-brown, coarse-grained to conglomeratic; arkosis

38 - 60 Siltstone; blue-gray, clayey; becomes sandy in lower part

60 - 248 Sandstone; light gray upper 4'; then dark gray and mineralized to 80'; coarse-grained, arkosic.

248-271 Claystone; greenish gray with imbedded hard boulder

MOWRY FM.

271 - 276 Shale; dark gray to black

DRILLING DATA

Hole No. D-29 Date Drilled 2/17/58 - C

Elevation 6822 Total Depth 300

Elevation Unoxidized Zone 132 (6690) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
55 - 62½	7½'	Mineralized (1½' of .08% eU3O8 is Max.)	
108 - 110	2	Slightly mineralized (Max. .04% eU3O8)	
124 - 125	1	Very slightly mineralized (Max. .02% eU3O8)	

Probed with Babbel counter
Drilled with air to 60'; completed with water

REMARKS:

WIND RIVER FM.

0 - 30 Sandstone; grayish yellow, coarse-grained to conglomeratic, arkosis. Very conglomeratic 12-20'.

30 - 40 Siltstone; greenish gray in upper 4', yellow gray in lower part; sandy.

40 - 47 Sandstone; pale grayish yellow in upper part, orange-brown in lower part

47 - 68 Claystone and Siltstone; bluish-gray

68 - 294 Sandstone; pale grayish yellow, coarse-grained to conglomeratic; arkosis; orange brown 88-110'. Sandstone becomes gray and unoxidized at 132'. Much gray clay at 152'. Brownish black coaly pieces 196-198'. Becomes greenish gray with much interbedded claystone and very hard drilling at 262'.

MOWRY FM.

294-300 Shale; dark gray to black, hard, siliceous

DRILLING DATA

Hole No. D - 30 Date Drilled 2/27/58

Elevation 6825 Total Depth 320

Elevation Unoxidized Zone 190 (6635) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.

Drilled with air to 20'; completed with water.

Probed with Babbel Counter.

REMARKS:

WIND RIVER FM:

0 - 310 Sandstone; yellow brown, conglomeratic; pebble conglomerate 66 to 120. Becomes gray and unoxidized at 190'.

FRONTIER FM:

310 - 320 Shale; dark gray.

DRILLING DATA

Hole No. D - 31 Date Drilled 2/25/59

Elevation 6731 Total Depth 180

Elevation Unoxidized Zone 92 (6645) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
54 - 76	22'	Mineralized 3½' of .07% eU_3O_8 from 63½ to 67' 1½' of .03% eU_3O_8 from 60 to 61½'	

Probed with Babbel Counter

REMARKS:

[illegible]

0 - 178' Sandstone; yellow brown 0 to 45'; pale grayish yellow 45 to 92'. Sandstone becomes gray and unoxidized at 92. Much interbedded or interstitial blue clay 150-165'.

FRONTIER Fm:

178 - 180' Shale; dark gray.

DRILLING DATA

Hole No. ~~D-32~~ Date Drilled ~~2/26/58~~

Elevation ~~6719~~ Total Depth ~~174~~

Elevation Unoxidized Zone ~~86' (6632)~~ Property ~~Rim~~

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
31-54	17'	Slight mineralization (Max. 04% eU_3O_8)	
58-61	3	Slight mineralization (Max. 04% eU_3O_8)	
68-86	18'	Slight mineralization (Max. 05% eU_3O_8)	
103-104	1'	Slight mineralization (Max. 03% eU_3O_8)	

Probed with Babbel counter.

Drilled with air to 92'; completed with water.

REMARKS:

WIND RIVER FM.

0-170 Sandstone; pale grayish yellow to brown, coarse-grained to conglomeratic, arkosic. Greenish gray siltstone and fine-grained sandstone 57-64'. Becomes gray and unoxidized at 86'. Gray to greenish gray siltstone 110-112'. Typical greenish color of lower unit begins at 160'.

FRONTIER FM.

170-174 Shale; gray to dark gray, soft.

DRILLING DATA

Hole No. D - 33 Date Drilled 2/26/58

Elevation 6749 Total Depth 200

Elevation Unoxidized Zone 108 (6641) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
96 - 97	1'	Very slight mineralization (Max. .03% eU_3O_8)	
160 - 162	2'	Very slight mineralization (Max. .03% eU_3O_8)	

Probed with Babbel Counter

Drilled with air to 80'; completed with water.

REMARKS:

WIND RIVER FM:

0 - 166 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Yellow siltstone break 38-42'. Becomes gray and unoxidized at 108'. Very conglomeratic 158-166'.

166 - 180 Claystone; greenish gray, silty

180 - 194 Sandstone; greenish gray, coarse-grained to conglomeratic; contains much greenish gray clay.

FRONTIER FM:

194 - 200 Shale; gray to dark gray, silty.

DRILLING DATA

Hole No. D - 36 Date Drilled 2/20/[illegible] - [illegible]

Elevation 6672 Total Depth 110

Elevation Unoxidized Zone 6[illegible] ([illegible]) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.

Probed with Labbol Counter.

Logged by Century Geophysical Corp.

Drilled with air to 20'; completed with water.

REMARKS:

0 - 18 Alluvium

WIND RIVER FM:

18 - 44 Claystone; tan; with some interbedded conglomerate.

44 - 66 Sandstone; brown to dark brown iron-rich; very conglomeratic.

66 - 94 Claystone; and Conglomerate; interbedded.

MORRISON FM:

94 - 110 Claystone; variegated, green and purpleish gray.

DRILLING DATA

Hole No. D -37 Date Drilled 2/19/58 C

Elevation 6691 Total Depth 154

Elevation Unoxidized Zone 76 (6615) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected

Probed with Babbel Counter

Logged by Century Geophysical Corp.

Drilled with air to 30'; completed with water.

REMARKS:

WIND RIVER FM:

0 - 16 Alluvium

16 - 144 Sandstone; pale yellow brown, coarse-grained to conglomeratic, arkosic. Very conglomeratic 30-50'. Sandstone is orange brown 46-72'; becomes gray and unoxidized at 76'. Contains much interbedded claystone 136-144.

MORRISON FM:

144 - 154 Claystone; gray

DRILLING DATA

Hole No. D - 38 Date Drilled 2/19/58 - C

Elevation 6711 Total Depth 180

Elevation Unoxidized Zone 82 (6629) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.

Logged by Century Geophysical Corp.

Drilled with air to 40'; completed with water.

REMARKS:

WIND RIVER FM:

0 - 174 Sandstone; yellow brown to 20'; then very pale grayish yellow to 60'; coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 82'.

CLOVERLY FM:

174 - 180 Claystone; greenish gray

DRILLING DATA

Hole No. D - 39 Date Drilled 2/18/58 - C

Elevation 6733 Total Depth 200

Elevation Unoxidized Zone 90' (6643) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.

Logged by Century Geophysical Corp.

Drilled with air to 100'; completed with water.

REMARKS:

WIND RIVER FM:

0 - 190 Sandstone; yellow to pale grayish yellow, to brown; medium to coarse-grained and conglomeratic. Becomes gray and unoxidized at 90'. Very conflomeratic 100-168. Same hard carbonaceous shale pieces 102-104'. Dark gray clayey siltstone breaks 148-152'. Much greenish gray clay interbedded with conglomeratic sandstone 170-190'.

CLOVERLY FM:

190 - 200 Sandstone; pale grayish white, with much clay 190-194; becomes greenish gray 194-200'.

DRILLING DATA

Hole No. D-40 | Date Drilled 2/15/58 - C

Elevation 6766 | Total Depth 234

Elevation Unoxidized Zone 75 (6691) | Property Rim

Thickness Mineralized Intervals | Average Probe Readings | Assay Data

No radioactivity detected
Logged by Century Geophysical Corp.
Drilled with air to 100'; completed with water
Probed with Babbel Counter to 234'.

REMARKS:

WIND RIVER FM.

0 - 10 Sandstone; brown, yellow, and orange; coarse-grained, arkosis

10- 16 Siltstone and Claystone; grayish yellow 10-14; blue-gray 14-16'

16 - 220 Sandstone; yellow, pale grayish yellow to orange brown; coarse-grained to conglomeratic; clayey gray siltstone break 38-40'. Sandstone gray and fine to medium-grained 58-60'. Black carbonaceous pieces 64-66'. Sandstone becomes gray and unoxidized at 75'. Black carbonaceous pieces 146-148'. Dark gray carbonaceous clayey siltstone 190-192'. Becomes very hard drilling with much clay at 208'.

CLOVERLY.

220 - 234 Sandstone; very pale gray, near white, clayey. Some orange brown ironstone pieces. Sandstone in lower part.

DRILLING DATA

Hole No. D -41 | Date Drilled 2/11/58 - C

Elevation 6771 | Total Depth 256

Elevation Unoxidized Zone 60 (6711) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
11 - 13'	2'	.08 e U_3O_8 oxidized zone; probably not in equilibrium	
16½ - 18'	1½'	.07 e U_3O_8	

Logged by Century Geophysical Corp.
Drilled with air to 120'; completed with water

REMARKS:

WIND RIVER FM.

0 - 18 Sandstone; grayish yellow to orange brown; medium to coarse-grained. Contains many thin clayey siltstone layers.

18-26 Claystone; bluish gray, silty. Becomes sandy near bottom. Holds water in overlying sandstone.

26 - 246 Sandstone; grayish yellow to orange brown; arkosis, medium to coarse-grained, occasionally conglomeratic at 60'. Some coaly pieces 120-128'; yellow claystone pieces 128-140'. Contains much greenish gray claystone 218-226'.

THERMOPOLIS FM.

246 - 256 Shale; dark gray to black, greasy.

DRILLING DATA

Hole No. D - 42 | Date Drilled 2/13/58 - J

Elevation 6773 | Total Depth 260

Elevation Unoxidized Zone 140 (6633) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
23 - 30	7'	Mineralized (1½' of .12%) eU3O8	- Oxidized Zone
72 - 75½	3½'	Mineralized (Max. .07% eU3O8	
220 - 221	1'	Very slight mineralization (Max. .04% eU3O8)	

Logged by Century Geophysical Corp.
Drilled with air to 108', completed with water

REMARKS:

ALLUVIUM FM.
0 - 20

WINDRIVER FM.
20 - 30 Siltstone; greenish gray to yellow gray, clayey

30 - 220 Sandstone; orange brown to grayish yellow; coarse-grained to conglomeratic, arkosis. Very iron rich (orange-brown) 50-72'. Black carbonaceous siltstone 72-76', followed by pale grayish yellow sandstone to 140'. Gray to dark gray carbonaceous siltstone breaks in samples 150-160'. (Sandstone becomes gray and unoxidized at 140'.)

220 - 234 Claystone; blue-gray

234 - 250 Sandstone; gray, coarse-grained. Contains much Bluish gray clay.

MOWRY FM.
250 - 260 Shale; black to dark brownish grays hard. Contains fish scales.

DRILLING DATA

Hole No. D - 43 | Date Drilled 2/24/58 - S

Elevation 6788 | Total Depth 260

Elevation Unoxidized Zone 152 (6636) | Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data

No significant mineralization detected.

Probed with Babbel Counter

Logged by Century Geophysical Corp.

Drilled with air to 34'; completed with water

REMARKS:

WIND RIVER FM:

0 - 252 Sandstone; dusty brown, coarse-grained to conglomeratic, arkosic. Gray siltstone break 36-38'; several thin yellow gray siltstone breaks 40-50', and 54-58'. Becomes gray and unoxidized at 152'. Dark gray carbonaceous streaks and pieces in 172-180' interval. Interbedded with blue to greenish gray clay 234-252'.

MOWRY FM:

252 - 260 Shale; dark gray, hard.

DRILLING DATA

Hole No. D - 44 Date Drilled 2/25/58 - S

Elevation 6738 Total Depth 260

Elevation Unoxidized Zone 148' (6640) Property Kim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
100 - 107	7'	Mineralized (Contains 1' of .10% eU_3O_8)	
74 - 77	3'	Mineralized (Max. .05% eU_3O_8)	

Probed with Babbel Counter

Logged by Century Geophysical Corp.

Drilled with air to 66'; completed with water

REMARKS:

WIND RIVER FM.:

0 - 222 Sandstone; yellow, orange brown, and pale greyish yellow; coarse-grained to conglomeratic, arkosic. Siltstone breaks 22-26'; 32-34', 114-120'. Becomes gray and unoxidized at 148'. Dark gray siltstone break 152-154, gray silty claystone 167-170'; alternating beds of coarse sandstone and greenish gray claystone and siltstone 170-222'.

222 - 236 Claystone; greenish gray, silty.

236 - 252 Sandstone; greenish gray, silty with interstitial green clay.

FRONTIER FM: ?

252 - 260 Shale; gray

DRILLING DATA

Hole No. D - 45 Date Drilled 2/25/58 C

Elevation 6703 Total Depth 200

Elevation Unoxidized Zone 82 (6621) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
20 -40'	20'	Slightly mineralized (Max. 04% eU_3O_8)	

Logged by Century Geophysical Corp.

Probed with Babbel counter

Drilled with air to 40'; completed with water.

REMARKS:

WIND RIVER FM.

0-190 Sandstone; buff to pale grayish yellow, coarse-grained to conglomeratic, arkosic. Yellow silstone break 22-26'. Becomes gray and unoxidized at 82'. Has disyinct greenish cast from 1[illegible] to 190.

FRONTIER FM.

190-200 Shale; dark gray, silty.

DRILLING DATA

Hole No. D -46 Date Drilled 8/26/55 - 9

Elevation 6735 Total Depth 192

Elevation Unoxidized Zone 66 (6049) Property [illegible]

Thickness Mineralized Intervals **Average Probe Readings** **Assay Data**

Slight mineralization noted on Century Geophysical Corp. Gamma Ray Logs at following depths; 46-49; 50-51, 58-59, 100-103'.

Logged by Century Geophysical Corp.

Drilled with air to 80'; completed with water

REMARKS:

WILLOW CREEK FM:

0 - 188 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Gray siltstone break 50-56'. Thin gray siltstone break 74-76. Sandstone becomes gray and unoxidized at 86'. Dark chocolate carbonaceous siltstone 154-156. Greenish gray claystone 156-166. This unit has a distinctive greenish color from 160'-188'. Much interbedded and interstitial greenish gray clay in lower part.

FRONTIER ? FM:

188 - 192 Shale; gray to dark gray

DRILLING DATA

Hole No. D - 47 Date Drilled 2/27/58 - C

Elevation 6768 Total Depth 220

Elevation Unoxidized Zone 120 (6648) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
81 - 84	3'	Slight mineraliz ation (Max. 05% eU_3O_8)	

Probed by Century Geophysical Corp.

Drilled with air to 64'; completed with water.

REMARKS:

WIND RIVER FM:

0 - 182 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 120'. Gray siltstone break 130-134'. Pebble conglomerate 176-182.

182 - 190 Claystone; gray green; beginning of destinctive green unit.

190 - 210 Sandstone; gray green, coarse-grained with much clay.

FRONTIER FM: ?

210 - 220 Shales; dark gray

DRILLING DATA

Hole No. D -50 Date Drilled 2/5/58 - J

Elevation 6664 Total Depth 160

Elevation Unoxidized Zone 70 (6594) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data

No radioactivity detected

REMARKS:

WIND RIVER FM:

0 - 86 Sandstone; buff, dark orange brown 48-70'; coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 70'.

MORRISON FM.

86 - 160 Claystone; gray green, silty; becomes predominantly gray at 114'.

DRILLING DATA

Hole No. D - 51 Date Drilled 2/15/58 - J

Elevation 6695 Total Depth 160

Elevation Unoxidized Zone 80' (6615) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
No radioactivity detected		
Probed		

REMARKS:

WIND RIVER FM:

0 - 132 Sandstone; orange brown to grayish yellow; coarse-grained to conglomeratic; arkosic. Yellow gray siltstone break 30-32'; Sandstone becomes gray and unoxidized at 80'.

MORRISON FM:

132 - 160 Sandstone; very light gray, fine grained; and claystone, bluish gray. Becomes conglomeratic at 152'.

DRILLING DATA

Hole No. D - 52 Date Drilled 2/6/58 - J

Elevation 6723 Total Depth 176'

Elevation Unoxidized Zone 120 (6603) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

Dead Hole

Probed 170' with Labbel Unit

REMARKS:

WIND RIVER FM:

0 - 153 Sandstone; buff, yellow, and orange brown; coarse-grained to conglomeratic with few gray clayey streaks; gray clay abundant 50-58'. Greenish gray claystone 120-122' marks beginning of unoxidized zone.

153 -176' Shale and Claystone; greenish gray

DRILLING DATA

Hole No. D -53 | Date Drilled 2/6/58 - C

Elevation 6739 | Total Depth 250

Elevation Unoxidized Zone 73 (6667) | Property Rim

Thickness Mineralized Intervals | Average Probe Readings | Assay Data

Dead hole

Probed 230' - Sabbel Counter

Hole drilled w/water

Logged by Century Geophysical Corp.

REMARKS:

WIND RIVER FM:

0 - 16' Sandstone; light grayish yellow, coarse-grained to conglomeratic, arkosic.

16 - 24' Claystone; blue green, silty

24 - 72' Sandstone; light grayish yellow; coarse-grained conglomeratic, arkosic.

72 - 76' Siltstone; blue gray to dark gray, sandy

76 - 200 Sandstone; gray, unoxidized, coarse-grained to conglomeratic with thin claystone and siltstone, BREAKS.

200 - 212 Sandstone; very light gray to white with much white clay cement.

CLOVERLY FM:

212 - 230 Conglomerate; chert pebbles

230 - 250 Shale; bluish gray to dark gray.

DRILLING DATA

Hole No. D - 54 Date Drilled 2/6/58 - S

Elevation 6756 Total Depth 245

Elevation Unoxidized Zone (97) 6659 Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

Radioactivity anomalies noted on Century Geophysical logs at following depth: 33-36, 89-93, 201-204. Maximum anomaly is four (4) times background.

Ox - 6720 - 6723
6663 - 6667

Un Ox - 6552 - 6555

REMARKS:

WIND RIVER FM.

0 - 238 Sandstone; light grayish yellow, coarse-grained to conglomeratic, arkosis. Yellow-gray siltstone 18-20' Dark brown carbonaceous layer 46-48'. Thin streak gray silty claystone 80-86'. Sandstone becomes gray and unoxidized at 97' marked by thin bed of dark gray claystone. Black coaly fragments in 112-114 interval.

THERMOPOLIS FM.

238 - 245 Shale; dark gray to black.

DRILLING DATA

Hole No. D - 56 Date Drilled 2/15/58 - C

Elevation 6779 Total Depth 266

Elevation Unoxidized Zone 144 (6635) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No radioactivity detected
Probed
Drilled with air to 160'; completed with water.

REMARKS:

WIND RIVER FM.

0 - 20' Sandstone; light brown, fine-grained, silty

20 - 32' Siltstone; grayish green, sandy

32 - 240 Sandstone; orange brown, light grayish yellow; coarse-grained to conglomeratic; arkosis. Light gray silty sandstone 124-126'. Becomes gray and unoxidized at 144'. Very conglomeratic 150-160' and 174-178. Much blue green clay 226-248'.

248 - 260 Claystone; blue green and gray with imbedded pebbles and cobbles.

MOWRY SHALE

260 - 266 Shale; black to dark gray; many hard silicous chips.

DRILLING DATA

Hole No. D - 57 Date Drilled 2/24/58 - C

Elevation 6759 Total Depth 240

Elevation Unoxidized Zone 120 (6639) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
30 - 39	9'	Slightly mineralized (Max. .04% eU_3O_8)	
56 - 58	2'	Slightly mineralized (Max. .03% eU_3O_8)	

Probed with Babbel Counter

Drilled with air to 64'; completed with water

REMARKS:

0 - 8 Alluvium

WIND RIVER FM:

8 - 232 Sandstone; yellow brown to pale grayish yellow; rusty brown 30-78'; coarse-grained to conglomeratic, arkosic. Gray silty claystone at 98'. Sandstone becomes gray and unoxidized at 120'. Much interbedded greenish gray silty claystone 206-232'.

MOWRY FM:

232 - 240 Shale; black to dark gray

DRILLING DATA

Hole No. D - 58 Date Drilled 8/25/58 - C

Elevation 6726 Total Depth 200

Elevation Unoxidized Zone 94 (6632) Property Sim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
49 - 54	5'	Mineralized (Max. .05% eU_3O_8)	
53 - 55	2'	Slightly mineralized (Max. .03% eU_3O_8)	
148 - 149	1'	Slightly mineralized (Max. .03% eU_3O_8)	

Probed with Babbel counter

Drilled with air to 50'; completed with water

REMARKS:

WIND RIVER FM:

0 - 56 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Few thin siltstone breaks 8-10', 16-18', 34-36'. Dark gray carbonaceous clay 52-54'.

56 - 62 Siltstone; blue gray, clayey.

62 - 164 Sandstone; orange brown at top, coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 94'. Black coaly pieces in gray siltstone 150-152. Dark gray carbonaceous siltstone break 156-158'.

164 - 194 Siltstone and Sandstone; greenish gray, interbedded. Siltstone is clayey and has distinct greenish cast.

FRONTIER FM:

194 - 200 Shale; dark gray

DRILLING DATA

Hole No. D - 59 Date Drilled 2/28/58

Elevation 6683 Total Depth 155

Elevation Unoxidized Zone 52 (6631) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.

Probed with Babbel Counter.

REMARKS:

WIND RIVER FM:

0 - 150 Sandstone; pale grayish yellow to orange brown; coarse-grained to conglomeratic, arkosic. Becomes greenish blue and oxidized at 52'. Blue green silty claystone break 52-63'.

FRONTIER FM:

150 - 155 Shale; gray to dark gray.

DRILLING DATA

Hole No. D - 60 Date Drilled 2/27/58 - S

Elevation 6712 Total Depth 170

Elevation Unoxidized Zone 78 (6634) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
65-71	6'	Slightly mineralized (Max. .05% eU_3O_8)	

Probed with Babbel Counter

Drilled with air to 32'; completed with water

REMARKS:

WIND RIVER FM:

0 - 137 Sandstone; grayish yellow, coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 78'. Typical greenish color of lower unit starts at 137'.

137 - 156 Claystone; greenish gray

156 - 164 Sandstone; blue green with interstitial clay

FRONTIER FM: ?

164 - 170 Shale; dark gray, soft.

DRILLING DATA

Hole No. D - 61 Date Drilled 2/27/58 -C

Elevation 6745 Total Depth 194

Elevation Unoxidized Zone 100 (6645) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
106 - 107½	1½'	Slightly mineralized (Max. .05% eU_3O_8)	

Probed with Babbel Counter

Drilled with air to 20; completed with water

REMARKS:

WIND RIVER FM:

0 - 152 Sandstone; grayish yellow; coarse-grained to conglomeratic, arkosic. Yellow clayey siltstone 38-46'. Gray siltstone break 54-56'. Becomes gray and unoxidized 100'. Gray silty claystone 106-112'.

152 - 168 Claystone; greenish gray. Beginning of lower greenish colored unit.

168 - 187 Sandstone; gray green, coarse-grained with much interstitial green clay.

FRONTIER FM: ?

187 - 194 Shale; dark gray to brownish black

DRILLING DATA

Hole No. [illegible] Date Drilled [illegible]

Elevation [illegible] Total Depth 110

Elevation Unoxidized Zone [illegible] Property [illegible]

Thickness Mineralized Intervals	Average Probe Readings	Assay Data
[illegible] - [illegible] [illegible]'	[illegible] mineralization (Max. [illegible] Al_2O_3)	

Probed with Radial Sonator

Issued by Century Geophysical Corp.

Drilled with air to [illegible]'; completed with water

REMARKS:

[illegible]:

0 - [illegible] Overburden; pebble brown, 5-[illegible]'; pale greyish yellow [illegible]-[illegible]'; orange brown [illegible]-70'; sucrose-grained to conglomeratic, arkosic. Granite stone lessens [illegible] and unconsolidated at 70'. Pale grey siltstone break 20-22.

[illegible]:

[illegible] - 100 Siltstone; greenish grey, silty

100 - 110 Sandstone; well consolidated, light grey

DRILLING DATA

Hole No. D - 67 Date Drilled 2/21/58 - S

Elevation 6740 Total Depth 130

Elevation Unoxidized Zone 75 (6665) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
83 - 86	3'	Slight mineralization (Max. .05% eU_3O_8)	

Probed with Labtel Counter

Logged by Century Geophysical Corp.

Drilled with air to 132; completed with water.

REMARKS:

WIND RIVER FM:

0 - 170 Sandstone; pale grayish yellow, course-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 75'. Gray siltstone break at 110'.

Cloverly Fm:

170 - 130 Sandstone; grayish white in upper part with clay cement; gray and fine-grained in lower part.

DRILLING DATA

Hole No. D - 08 Date Drilled 2/11/[illegible] - 6

Elevation 6751 Total Depth 214

Elevation Unoxidized Zone 80 ([illegible]) Property [illegible]m

Thickness Mineralized Intervals			Average Probe Readings	Assay Data
102-	105'	3'	Mineralized (Max. .08 Fe_2O_3)	

Logged by Century Geophysical Corp.
Drilled with air to 84'; completed with water

REMARKS:

[illegible]

0 - 203 Sandstone; grayish yellow, arkosic, coarse-grained to conglomeratic. Contains pieces of carbon trash [illegible]-63', [illegible]-72', [illegible]-100'. Becomes gray and unoxidized at 80'.

[illegible]

203 - 214 Shale; dark gray to black, [illegible]

DRILLING DATA

Hole No. D - 69 | Date Drilled 2/11/58 - S

Elevation 6732 | Total Depth 245

Elevation Unoxidized Zone 107 (6625) | Property Rim

Thickness Mineralized Intervals | Average Probe Readings | Assay Data

No radioactivity detected
Logged by Century Geophysical Corp.
Drilled with air to 84'; completed with water

REMARKS:

WIND RIVER FM.

0 - 20 Alluvium

20 - 241 Sandstone; grayish yellow to orange brown, medium to coarse-grained Clayey siltstone breaks 24-29, 39-40. Sandstone in chocolate brown 63-65; becomes conglomeratic at 70'. Gray claystone break 93-95. Sandstone becomes gray and unoxidized at 107'.

MOWRY FM.

241 - 245 Shale; black

DRILLING DATA

Hole No. D - 70 Date Drilled 2/15/58 - S

Elevation 6746 Total Depth 245

Elevation Unoxidized Zone 108 (6638) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

Very slight mineralization recorded on Gamma Ray logs of Century Geophysical Corp. at following depths: 4 to 7'; 16 to 18'; 43-46'; 53-60'; 102 to 103'; 121 to 125'.

Maximum radioactivity not greater than .01%eU_3O_8.

REMARKS:

WIND RIVER FM.

0 - 14 Claystone; pale olive green

14 - 22 Sandstone; pale grayish yellow, conglomeratic, arkosis

22 - 28 Siltstone; yellow to orange brown

28 - 240 Sandstone; pale brown to brown, coarse-grained, arkosis, conglomeratic at top. Pale gray clayey siltstone break 46-48'. Sandstone becomes gray and unoxidized at 108; marked by gray clayey siltstone. Siltstone breaks common to 157'. Circulation lost at 200'.

MOWRY FM.

240 - 245 Shale; dark gray to black. Contact picked from resistivity log of Cent Geophysical Corp.

DRILLING DATA

Hole No. ~~D - 73~~ Date Drilled 2/26/58

Elevation ~~6674~~ Total Depth 140

Elevation Unoxidized Zone ~~54 (6620)~~ Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
50 - 53	3'	Mineralized (Max. .08% eU_3O_8)	

Probed with Babbel Counter.

REMARKS:

WIND RIVER FM:

0 - 134 Sandstone; pale grayish yellow to orange brown; coarse-grained to conglomeratic, arkosic. Much bluish green clay 110-134'. Sandstone becomes gray and unoxidized at 54'.

FRONTIER FM:

134 - 140 Shale; gray to dark gray.

DRILLING DATA

Hole No. D - 80 | Date Drilled 2/21/58 - C

Elevation 6716 | Total Depth 136

Elevation Unoxidized Zone 82 (6634) | Property Nim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
108 - 109	1'	Mineralized (Max. .05% eU_3O_8)	

Probed with Babbel Counter

Drilled with air to 100'; completed with water

REMARKS:

WIND RIVER FM:

0 - 108 Sandstone; brown and yellow brown to 20'; pale grayish yellow 20-82'; orange brown 82-82'. Sandstone becomes gray and unoxidized at 82; coarse-grained to conglomeratic, arkosic.

108 - 120 Siltstone and Claystone; gray to dark gray; carbonaceous in lower 4'. Contains some interbedded sandstone

120 - 126 Sandstone; gray, coarse-grained.

CLOVERLY FM:

126 - 136 Sandstone; and Claystone; tightly cemented light gray sandstone pieces in upper 4'; brownish gray silty claystone in lower part.

DRILLING DATA

Hole No. D - 81 Date Drilled 2/13/58 - S

Elevation 6719 Total Depth 176

Elevation Unoxidized Zone 80' (6639) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.
Probed with Babbel counter

REMARKS:

WIND RIVER FM.

0 - 160 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosis, orange brown 10-20' Becomes gray and unoxidized at 80'.

CLOVERLY FM.

160 - 176 Claystone; very light colored, silty; interbedded with very light gray, fine grained sandstone.

DRILLING DATA

Hole No. D - 82 Date Drilled 2/8/58 - S

Elevation 6708 Total Depth 182

Elevation Unoxidized Zone 84)6624) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected
Probed with Babbel counter

REMARKS:

WIND RIVER FM;

0 - 105 Sandstone; brown in upper 35', then pale grayish yellow; coarse-grained to conglomeratic; particularly conglomeratic 35-50' and 65-84'. Gray siltstone break 84-93 which marks beginning of unoxidized zone.

105 - 110 Siltstone; gray, clayey

110 - 120 Sandstone; gray, clayey

120 - 138 Claystone; gray, silty

138 - 172 Sandstone; gray, silty

THERMOPOLIS FM.

172 ~~172~~ 182 Shale; dark gray, easy

DRILLING DATA

Hole No. D - 03 | Date Drilled 9/12/[illegible] - 6

Elevation 6731 | Total Depth 250

Elevation Unoxidized Zone 90' (6641) | Property Rio

Thickness Mineralized Intervals	Average Probe Readings	Assay Data

Very slt bt mineralization noted on Century Geophysical Corp. Gamma Ray logs at following depths: 52-54, 75-77, 152-156, 193-194, 198-200. Maximum radioactivity about three times background.

Drilled with air to 22'; completed with water.
Logged by Century Geophysical Corp.

REMARKS:

[illegible] Devin Co.

0 - 22 Sandstone; greyish yellow to orange brown; coarse-grained, arkosic. Yellow gray siltstone breaks 8-10'.

22 - 32 Siltstone; yellow at top changing to dark gray, clayey

32 - 103 Sandstone; yellow to pale greyish yellow, coarse-grained, arkosic with interbedded claystone. Sandstone becomes very coarse, gray, and unoxidized at 90'. Blue gray siltstone break 64-66'.

103 - 116 Claystone; blue gray

116 - 120 Sandstone and claystone; interbedded. Sandstone is coarse-grained claystone is silty.

120 - 150 Sandstone; gray, coarse-grained to conglomeratic, arkosic

150 - 160 Claystone; gray, silty

160 - 198 Sandstone; gray, coarse-grained to conglomeratic, arkosic.

198 - 204 Claystone; blue gray

204 - 230 Sandstone; blue gray

Century Fm.

230 - [illegible] Shale; black, dark gray; much light gray bentonite in upper part

DRILLING DATA

Hole No. D - 84 Date Drilled 2/13/58 - C

Elevation 6703 Total Depth 212

Elevation Unoxidized Zone 73 (6630) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
128 - 129	1'	.08% eU_3O_8	
126½ - 129	2½'	Slightly mineralized	
147½ - 149½	2'	Slightly mineralized (Max. .06% eU_3O_8)	

Probed with Babbel Counter
Drilled with air to 72'; completed with water

REMARKS:

WIND RIVER FM.

0 - 73 Sandstone; coarse-grained to conglomeratic, arkosis. Yellow 4-13', brown to 22', very pale grayish yellow to 40', yellow brown to 72'. Siltstone break 12-14' and 20-22'. Chocolate brown sandstone 50-54.

73 - 82 Claystone; gray, silty; beginning of unoxidized zone.

82 - 206 Sandstone; gray, unoxidized, coarse-grained to conglomeratic.

MOWRY FM.

206 - 212 Shale; dark gray to black, hard, siliceous

DRILLING DATA

Hole No. D - 85 | Date Drilled 2/13/58 - S

Elevation 6692 | Total Depth 178

Elevation Unoxidized Zone 57 (6635) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
25½ - 28½	3'	Slightly minoralized (1½' of .06%)	eU_3O_8
121 - 124½	3½'	Mineralized (Max. .08%	eU_3O_8)

Probed with Babbel Counter

REMARKS:

WIND RIVER FM.

0 - 47 Sandstone; brown in upper 22', then becomes pale grayish yellow. Chocolate brown carbonaceous clayey siltstone break 30-33'. Sandstone is coarse-grained to conglomeratic, arkosis.

57-67 Claystone; gray to dark gray, silty.

67 - 97 Siltstone; gray to dark gray

79 - 157 Sandstone; gray, unoxidized, coarse-grained to conglomeratic, arkosis. Few thin gray siltstone breaks.

FRONTIER FM.

157 - 178 Sandstone; very pale gray, medium-grained. Grains well-rounded.

DRILLING DATA

Hole No. D - 86 | Date Drilled 2/14/58 - S

Elevation 6710 | Total Depth 204

Elevation Unoxidized Zone 96 (6614) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
14 - 16½	2½'	Max. .08%eU$_3$O$_8$	Oxidized zone and out of equilibrium
61 - 64	3'	Max. .05%eU$_3$O$_8$	

REMARKS:

WIND RIVER FM.

0 - 200' Sandstone; coarse-grained to conglomeratic, arkosis; dark brown 0 to 14', orange brown 14-37'; pale grayish yellow 37-96'; becomes gray and unoxidized at 96'. Very light gray with interbedded claystone 154-164.

FRONTIER FM.

200 - 204' Shale; black,

DRILLING DATA

Hole No. D - 87 Date Drilled 2/27/58 - S

Elevation 6666 Total Depth 124

Elevation Unoxidized Zone 50 (6616) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected

Probed with Babbel Counter

REMARKS:

WIND RIVER FM:

0 - 118 Sandstone; yellow to orange brown. Becomes gray and unoxidized at 50'. Typical green color of lower unit begins 106', with much gray green interstitial clay.

FRONTIER FM:

118 - 124 Shale; dark gray

DRILLING DATA

Hole No. D - 92 Date Drilled 2/7/58 - C

Elevation 6632 Total Depth 120

Elevation Unoxidized Zone 76 (6556) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected

Probed with Babbel Counter

REMARKS:

WIND RIVER FM:

0 - 110 Sandstone; pale grayish yellow; coarse-grained to conglomeratic, arkosic.

MORRISON FM:

110 - 120 Claystone; variegated, gray, green

DRILLING DATA

Hole No. D-94 Date Drilled 2/6/58 - J

Elevation 6703 Total Depth 120

Elevation Unoxidized Zone 73 (6630) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.
Probed with Babbel Counter
Drilled with air to 80'; completed with water

REMARKS:

WIND RIVER FM.

0 - 73 Sandstone; coarse-grained to conglomeratic, arkosis, pale grayish yellow, orange brown, and brown, Interbedded with siltstone 50-60'.

CLOVERLY FM.

73 - 106 Conglomeratic; chert pebble

106 - 120 Claystone; greenish gray, silty; becomes dark gray at 118'.

DRILLING DATA

Hole No. D - 95 Date Drilled 2/6/58 - C

Elevation 6702 Total Depth 126

Elevation Unoxidized Zone 74 (6628 Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.
Logged by Century Geophysical Corp.

REMARKS:

WIND RIVER FM:
0 - 116 Sandstone; pale grayish yellow; coarse-grained to conglomeratic, arkosic.

THERMOPOLIS FM:
116 - 126 Shale; dark gray

DRILLING DATA

Hole No. D - 96 Date Drilled 2/7/58 - S

Elevation 6692 Total Depth 150

Elevation Unoxidized Zone 76 (6616) Property Rim

Thickness Mineralized Intervals	Average Probe Readings	Assay Data

No significant radioactivity detected.

Probed with Babbel counter
Drilled with air to 88'; completed with water

REMARKS:

Wind River Fm:

0 - 141' Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 76'.

MOWRY FM:

141 - 150' Shale; dark gray to black, hard.

DRILLING DATA

Hole No. D - 97 | Date Drilled 2/7/58 - J

Elevation 6731 | Total Depth 220

Elevation Unoxidized Zone 108 (6623) | Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
73 - 81½	3½'	Mineralized (1½' of .07%eU$_3$O$_8$)	
160 - 162	2	Slightly mineralized (Max. .03%eU$_3$O$_8$)	

Probed with Babbel Counter
Logged by Century Geophysical Corp.

REMARKS:

WIND RIVER FM.

0 - 26 Sandstone; yellowish gray, arkosis, very conglomeratic.

26 - 60 Siltstone; yellow gray, greenish gray and brown.

60 - 210 Sandstone; pale grayish yellow, coarse-grained to conglomeratic, arkosis. Much dark gray to black carbonaceous pieces 82-100 with lighter gray siltstone breaks. Sandstone becomes gray and unoxidized at 108'.

MOWRY FM.

210 - 220 Shale; dark gray, contains fish scales.

DRILLING DATA

Hole No. D - 98 Date Drilled 2/7/58 - C

Elevation 6675 Total Depth 190

Elevation Unoxidized Zone 64 (6611) Property Rim

Thickness Mineralized Intervals		Average Probe Readings	Assay Data
63 - 66	3'	Slight mineralization Max. .05% eU_3O_8	
149½ - 153	3½'	Slight mineralization Max. .04% eU_3O_8.	

Drilled with air to 64'; completed with water to 190'.

REMARKS:

WIND RIVER FM.

0 - 18 Alluvium

18 - 142 Sandstone; orange brown, coarse-grained to conglomeratic; few thin light gray siltstone breaks. Grayish yellow 30-62'; gray and unoxidized at 64' marked by a thin gray claystone. Gray-green siltstone 82-84. Dark gray carbonaceous siltstone 112-114'. Gray and greenish gray silty claystone 130-136'.

142 - 156 Claystone; greenish gray with conglomeratic pebbles and cobbles.

156 - 184 Conglomerate; gray; much interstitial clay; some reworked Mowry Shale pieces in lower part.

MOWRY FM.

184 - 190 Shale; dark gray; contains fish scales.

DRILLING DATA

Hole No. D-101 Date Drilled 2/28/58

Elevation 6655 Total Depth 140

Elevation Unoxidized Zone 50' (6605) Property Rim

Thickness Mineralized Intervals Average Probe Readings Assay Data

No significant radioactivity detected.

Logged by Century Geophysical Corp.

Probed with Babbel counter.

REMARKS:

WIND RIVER FM.

0-132 Sandstone; pale grayish yellow, orange brown 20-50'; coarse-grained to conglomeratic, arkosic. Becomes gray and unoxidized at 50' marked by a thin bed of bluish gray siltstone.

FRONTIER FM.

132-140 Shale; dark gray.

STATE OF WYOMING,
County of Fremont } ss.

IN THE DISTRICT COURT
SEVENTH JUDICIAL DISTRICT

THE RIM GROUP, a mining joint venture, Plaintiff, vs. MOUNTAIN MESA URANIUM CORPORATION, et al, Defendants.	Civil No. 9062

TRANSCRIPT OF TESTIMONY

PLACE: Lander, Wyoming

DATE: March 22, 1957

LEROY WALKER
OFFICIAL REPORTER
SEVENTH JUDICIAL DISTRICT
LANDER, WYOMING

I N D E X

Witnesses

Defendant's:	Direct	Cross	Redirect	Rec oss
Kirkpatrick W. Dilling	26	78		
G. L. Spence	87			

Exhibits

Defendant's:	For Identification	In Evidence
1 - Copy of Complaint, U. S. Court	31	(Rejected)
2 - Copy of Complaint, U. S. Court	40	(Rejected)
3 - Pages 12, 13, 14, 15, 16 of 240 Fed (2d), No. 1.	45	(Rejected)
4 - Temporary Restraining Order, U. S. Court	51	(Rejected)
5 - Copy of Agreement May 2, 1955, Between Mountain Mesa & San Juan	55	(Rejected)
6 - Copy of Agreement July 30, 1955, between Riverton Uranium & San Juan	56	(Rejected)
7 - Revised agreement Sept. 7, 1955, between Mountain Mesa & San Juan	58	(Rejected)
8 - Copy of assignment, Oct. 1, 1955	59	(Rejected)
9 - Copy of lease agreement Aug. 1954 between Rim Group & Metallics Unlimited	64	66
10- Declaration of Interest, Oct. 10, 1955, signed by Charles M. Coleman	66	(Rejected)
11- Copy of Assignment from San Juan to Riverton Uranium	67	(Rejected)
12 -Three orders entered by U.S. Court in Cause No. 3966	72	(Rejected)
13- Copy of Answer of Riverton Uranium in U.S. Court No. 4041 Civil	77	(Rejected)

STATE OF WYOMING)
) ss.
COUNTY OF FREMONT)

IN THE DISTRICT COURT

SEVENTH JUDICIAL DISTRICT

THE RIM GROUP, a mining joint venture,

Plaintiff,

vs.

MOUNTAIN MESA URANIUM CORPORATION, a Wyoming Corporation, SAN JUAN URANIUM EXPLORATION, INC., a Colorado Corporation, CHARLES M. COLEMAN, and RIVERTON URANIUM CORPORATION, a Nevada Corporation,

Defendants.

Civil No. 9062

Lander, Wyoming

Friday, March 22, 1957.

The above-entitled cause came on for hearing before the Honorable FRANKLIN B. SHELDON, Judge of the Seventh Judicial District of Wyoming, on the motion to vacate judgment, at 9:00 o'clock a.m., the following being recorded in shorthand by Leroy Walker, an Official Court Reporter for the Seventh Judicial District of Wyoming, in words and figures as follows, to-wit:

APPEARANCES:

On behalf of the plaintiff:

W. A. SMITH, Esq., and W. J. NICHOLAS

On behalf of the defendant Riverton Uranium Corporation:

G. L. SPENCE, Esq.

1 P R O C E E D I N G S

2 THE COURT: The Court will come to order. Be seated.

3 MR. SPENCE: For the purpose of the record, let the

4 record show that prior to the arrival of the Reporter requested

5 in this case by the defendant Riverton Uranium Corporation, that

6 a few preliminary remarks were made not pertinent to the actual

7 motion before this Court, but which simply were to call to the

8 Court's attention that one of the witnesses for the defendant

9 Riverton Uranium Corporation to be presented at this time to the

10 Court is unavailable for the reason that he is an attorney and

11 counselor at law and at this hour is presently engaged in the

12 trial of a criminal matter before the Illinois courts, which

13 has been previously set for this date, and that this defendant

14 was noticed in purportedly in accordance with the Court's rules

15 for hearing this day and not in accordance with the regular

16 setting, which ordinarily would have been April 2nd, and at

17 which time such witness would have been available; that because

18 of this unfortunate circumstance, at the conclusion of this matter

19 the defendant Riverton Uranium Corporation, will ask for a con-

20 tinuance of the remainder of the proceedings until April 5th,

21 1957.

22 It was likewise indicated to the Court by preliminary

23 statement that counsel would ask leave to file a brief in this

24 very important matter to cover the many complex questions being

25 presented here today and in the future; and, finally, that

motion will be made at the conclusion of this trial or hearing to have this matter and the decision on it continued until after the 29th day of April, 1957, at which time the Federal District Court for the District of Wyoming will hear and make a determination upon related issues in causes now pending before that Court.

I would like to take this opportunity to read with some care the motion for continuance that has been filed here. This is a very important matter, and I think that the contents of this motion should be read for the purpose of giving all parties an opportunity to digest the same, because upon this motion to vacate will be based the entirety of this defendant's rights in this matter.

The motion was filed on March 15, 1957, and I might say to the Court at this time that it would have no doubt been filed sooner excepting that a number of circumstances prevented the filing of it, one of which is the sad loss of our beloved judge, which has in some way disrupted the organization of the trial dockets and appearances of this Court here.

The motion reads as follows:

"Comes now the Riverton Uranium Corporation, a Nevada Corporation, one of the defendants above named, and respectfully moves this Court, in its sound discretion, to vacate that certain judgment and decree entered herein by this Court on the 7th day of December, 1956, and filed

herein on the 3rd day of January, 1957, and in support of said motion, said defendant respectfully shows this Court in particularity as follows:

"I.

"That said judgment and decree above mentioned was granted to the plaintiff without notice to this defendant, nor was any hearing had thereon. That said judgment and decree recites as follows:

"'This cause coming on regularly for trial before the Court this December 7, 1956, at 10:00 A.M., the same having been heretofore regularly set for trial at such time by order of the Court and on its regular monthly printed and published docket, and the Court finding that all parties and counsel herein had notice thereof, . . .'(Emphasis ours) That this cause was never set for trial on the 7th day of December, 1956, at 10:00 o'clock A.M., or at any other time on said date, and that this Court has never ordered this cause to be so set for trial on such date, and that there was no monthly printed and published docket in the month of December, 1956, as recited in said judgment and decree, and that in support of this allegation, and attached hereto and marked Exhibit 'A', and by this reference made a part hereof, is the affidavit of Victor E. Dolenc, Clerk of the District Court of Fremont County, Wyoming, Seventh Judicial District, said Clerk acting as the officer of this Court

in the setting and giving of notice of all trial dates of all causes to come before this Court.

"That this matter was never set for trial on the date set forth in said judgment and decree, and that therefore on the 7th day of December, 1956, the default of this defendant should not have been entered and judgment rendered thereon. The defendant further shows this Court that during the month of December, 1956 and presently the rule of this Court is as follows:

"'Unless otherwise agreed by the parties, orders setting cases for trial will be entered at least thirty days prior to the date set for trial.' (Rule 11. Paragraph 5)

That none of the parties hereto agreed that said cause should be tried on the 7th day of December, 1956, or any other date, and that the recitation set forth in said judgment and decree with respect to the setting of said cause, is wholly false, and in contravention of the rules of this Court.

"II.

"That by virtue of the facts set forth in the foregoing paragraphs, this defendant has not had an opportunity to present to this Court its defense to the plaintiff's cause of action and by virtue of said foregoing facts, this defendant has been deprived of its right to have said cause

tried on its merits and to thereby present its defense thereto, all contrary to the rights of this defendant and justice in said cause. The defendant further shows this Court that this defendant had no knowledge whatever of the entry of said judgment and decree from the date of said entry until a few days preceding the filing of this Motion, and that attached hereto and made a part hereof by this reference is Exhibit 'B', the same being the affidavit of John Kopuster, the General Manager of said defendant, by which said affidavit is shown that the first knowledge of said judgment and decree was obtained by the said defendant from an actual inspection of the Court file herein, the result of which is this Motion.

"That said defendant has diligently and without delay, after obtaining such knowledge, filed herein this Motion in the same term in which said judgment and decree was entered without delay.

"III.

"That this defendant has a meritorious defense in this cause and that by virtue of the following facts this matter ought to be heard by this Court in its entirety, and upon its merits, and that by reason of the following facts, leave ought to be granted unto this defendant to file a supplemental and amended answer herein, setting forth such facts, newly discovered to the defendant, all of which

ought to be heard and tried by this Court. The facts above referred to are more particularly set forth as follows, and supported by the affidavit of Kirkpatrick Dilling, Secretary, Treasurer, and a director of said defendant, said affidavit being styled Exhibit 'C' and made a part hereof by this reference:

"a. That on the 30th day of April, 1956, the defendants, Charles M. Coleman and Riverton Uranium Corporation, filed herein their Answer in which the following allegations were made:

"'The defendants, Charles M. Coleman and Riverton Uranium Corporation, a corporation, allege that all right and interest held, owned or controlled by them in the mining claims subject of the petition filed herein, is so held, derived or owned by virtue of that certain lease agreement entered into in the month of August, 1954 by and between plaintiff herein and Metallics Unlimited, a partnership, covering said claims, which partnership subsequently assigned all of its right, title and interest therein to defendant, Mountain Mesa Uranium Corporation, defendant, San Juan Uranium Exploration, Inc., also subsequently acquiring certain mining rights in and to said claims; title of defendants Coleman and Riverton Uranium Corporation in and to said claims was acquired through dealings with defendants Mountain Mesa Uranium Corporation and San Juan

Uranium Exploration, Inc., and title of said defendants in said claims by the defendants Mountain Mesa Uranium Corporation, a Wyoming Corporation, and San Juan Uranium Corporation a Colorado Corporation, all of which appears with greater particularity in the mining records of Fremont County, Wyoming.'

"b. That the defendant, Riverton Uranium Corporation, has heretofore, to-wit: on October 1, 1955, obtained an assignment by the defendant, Charles M. Coleman, to all of the said Coleman's interests in and to said mining claims, and on the 13th day of September, 1956, the defendant, Riverton Uranium Corporation, obtained from the defendant, San Juan Uranium Exploration, Inc., an assignment to all of said last mentioned defendant's interests in and to said mining claims, and that therefore the defendant, Riverton Uranium Corporation, is the present owner of the legal and equitable mining rights in and to said mining claims based upon title held in said claims by the defendant, Mountain Mesa Uranium Corporation, said rights appearing more particularly in the mining records of Fremont County dating from the Fall of 1955.

"c. That this defendant is informed and believes, and therefore alleges, that the plaintiff and the Mountain Mesa Uranium Corporation, one of the above named defendants, and the party from whom this defendant derives its right

and title in and to said mining claims, entered into a settlement agreement of this cause, all without the knowledge or consent of this defendant, which settlement agreement substantially affects the rights and interests of this defendant derived from the defendant, Mountain Mesa Uranium Corporation, and that after the execution of said settlement agreement the judgment and decree entered against this defendant was filed, and that no judgment and decree was filed against Mountain Mesa Uranium Corporation by reason of such settlement agreement, and that the facts set forth in this subparagraph are newly discovered to this defendant, materially and adversely affects the defendant's right in and to said mining properties without notice or opportunity to this defendant to defend the same."

THE COURT: Do you wish all this put in your record?

MR. SPENCE: Yes, Your Honor.

(Reading) "d. That the defendant, Mountain Mesa Uranium Corporation, denies that the defendant, Riverton Uranium Corporation, has any right or interest in the mining properties, the subject of this action. That this defendant has vigorously asserted such right, and for such purpose has filed and diligently prosecuted in the United States District Court of the District of Wyoming, Civil Cause No. 3966, which said action in part, has its purpose in substantiating by proper adjudication the rights of

this defendant in this property derived by this defendant through the rights of the defendant, Mountain Mesa Uranium Corporation, which rights have been settled by said Mountain Mesa Uranium Corporation in this action without the consent or knowledge of this defendant, as alleged aforesaid, and that said cause in the United States District Court has, in part, been passed upon by the Circuit Court of Appeals in favor of this defendant, and that said cause has been remanded to the United States District Court for trial, which said trial is set for the 29th day of April, 1957.

"e. That the entry of the judgment and decree herein, by virtue of the recited default, of this defendant, in effect quiets the plaintiff's title against this defendant, but not against Mountain Mesa Uranium Corporation, and is thereby an attempt by the said Mountain Mesa Uranium Corporation in collusion with the plaintiff, and by use of such settlement agreement, to preclude the rights of this defendand in and to said mining properties, the same likewise being an attempt by the defendant, Mountain Mesa Uranium Corporation, to accomplish by such default the subject matter of the trial set between these defendants before the United States District Court.

"f. That Mountain Mesa has a meritorious defense to this cause, as more particularly alleged by the pleadings filed herein by said Mountain Mesa, and that said defense

inures to the benefit of this defendant by virtue of the foregoing allegations herein made, all of which ought to be asserted herein and tried on the merits.

"WHEREFORE, this defendant prays this Court that the judgment and decree filed herein against this defendant on the 3rd day of January, 1957, be set aside and vacated, and that this defendant be permitted to file herein an amended and supplemental answer to set forth the facts herein alleged and that thereafter this matter be set for trial, with notice to all parties, and in accordance with the rules of this Court, and that thereafter said matter be tried upon its merits."

Attached to this motion is the affidavit of Victor Dolenc. At the present time I have failed to obtain the signature of Victor Dolenc on the affidavit, and we can call Mr. Dolenc to the stand for the purpose of substantiating the affidavit.

This affidavit states that there was no publication of a printed docket of this Court ever during the months of November and December, and that the rules of this Court were in effect by the terms of which each case before said Court was set by separate order, said orders setting such cases for trial being entered at least thirty days prior to the date set for trial, in accordance with said rule, it being the responsibility of the parties thereto to obtain a separate order for the setting of such cause within a period of six months after said cause is at

issue, and that said judgment and decree was filed herein on January 3, 1957, and that the judgment and decree reads as follows:

"This cause coming on regularly for trial before the Court this December 7, 1956, at 10:00 o'clock A.M., the same having been heretofore regularly set for trial at such time by order of the Court and on its regular monthly printed and published docket . . ."

"That this cause has never been set for trial on the 7th day of December, 1956, at 10:00 o'clock A.M., or at any other time on said date, and that no regularly printed and published monthly docket was made setting said cause for trial."

I hardly feel that it is necessary to prevail upon the Court's time to call Mr. Dolenc in support of that affidavit. These are all the rules of this Court made by this Court, of w which the Court will take, I am sure, notice. We have attached likewise the affidavit of John Kopuster. Mr. Kopuster is the General Manager of the Riverton Uranium Corporation, and as such is one of the officials thereof charged with the conduct of the business of said corporation and the responsibility of promoting and preserving the best interests of said corporation.

That in such capacity, this affiant recently, to-wit: during February, 1957, for the purpose of determining the present status of Civil Cause No. 9062 in the District Court of Fremont County, Wyoming, inquired of the Clerk of such Court to

determine the same, and thereupon discovered the entry of the judgment and decree filed therein on January 3, 1957. That such discovery of such judgment and decree was the first notice or knowledge by this affiant, or any of the agents or representatives of the Riverton Uranium Corporation, of the entry and filing of such judgment.

That thereafter the attorneys for said defendant were notified of such entry of said judgment.

Kirkpatrick Dilling has filed his affidavit likewise. He is, however, present in Court today, and we will call upon him for oral testimony.

Our position substantially in this case is quite simple. We had no actual notice of the entry of this judgment or the setting of the same for trial. I have noted with some interest -- brief interest, I might say, because the affidavit that I am about to refer to has been in my possession some very few minutes before this hearing, and I haven't had an opportunity to read the whole thing. But I have noticed with interest some of the allegations set forth by the affiant in that affidavit which I think should be commented upon at this time to further substantiate our position.

At the outset it should be understood by the Court that our answer filed herein shows, as defendant indicated, that we were claiming our right and our title through Mountain Mesa. It is likewise interesting to note that a judgment has not at

this time been entered against Mountain Mesa Corporation, and that if we claim our rights through Mountain Mesa and no judgment has been entered against them, if we are in default they are likewise, indicates a rather peculiar state of the record and one which should be examined into quite carefully.

It is interesting to note in the affidavit of counsel that he states that this matter was set by the Court on June 14, 1956 and that thereafter Mountain Mesa came to the Court and sought to vacate this setting and the setting was vacated and the trial date set up, and we don't deny that that is the case. It is interesting to note, then, further on that counsel indicates in his affidavit that the matter was again set and at that time Mountain Mesa was contacted to determine whether or not the matter could be set for trial and stipulated for an early trial in the summer months when apparently the Court was not setting matters for trial, according to my recollection, and that Mountain Mesa would not agree to a setting of this trial, but that it is alleged that counsel for San Juan Uranium Exploration, Incorporated, stated that they had no intention to appear at the trial and contest the same, and that counsel of record for the Riverton Uranium Corporation, which would be this firm, also stated it did not intend to appear at the trial or to contest the same. We disagree vehemently with that statement. We disagree with the other statements which indicate that we had no intention of appearing in this matter. We disagree with two

1 thoughts in mind, and these were the thoughts in my mind at
2 that time: One was that we are defending this matter through
3 Mountain Mesa and we will go along in this trial with Mountain
4 Mesa, and as the matter is presented by Mountain Mesa we will be
5 here to support her. She was carrying the ball for us under a
6 contract, and any misinterpretation of that understanding of
7 our position in the matter which appears of record here and can't
8 be misunderstood of record at any rate would be a misunderstanding
9 contrary to the fact.
10 Secondly, it is interesting to note, and I recall specifi-
11 cally, that at about that time, at about the time that this
12 default was purportedly entered -- and I speak now as an
13 officer of this Court and I am willing to take the stand in
14 the event the Court feels it is necessary to substantiate this
15 statement -- there was the trial of the Hazel group claims.
16 Now, these were related matters that we had interests in, and we
17 had made no appearance in the Hazel group claims. However,
18 under contract we had an interest in them through Mountain Mesa
19 again.
20 Now, we felt that Mountain Mesa could carry the ball on
21 that matter, and we took the position that we did not intend
22 to appear, intervene or have anything to do with that trial,
23 and I have so stated to the counsel for the plaintiff; I have
24 so stated to this Court in chambers, and I have so stated to
25 other counsel who were interested in the matter, namely, Mr.

1 Murane and Mr. Bostwick, but no mention was ever made of this
2 cause, which is an entirely different matter, for we were not
3 parties in that case served with summons nor taken into it, nor
4 did we care to intervene. Nevertheless, we had an interest in
5 it; all the parties knew we had an interest in it. Counsel for
6 the plaintiff, the Rim Group, knew we had an interest in it;
7 counsel for Mountain Mesa knew, and I am apprised that everyone
8 concerned knew, and therefore we were asked about the matter
9 and took the position that we would have nothing to do with it.
10 Now, Mr. Nicholas' affidavit here -- and I am not attempt-
11 ing to rebut it at this time. I am attempting to refer to it
12 simply to substantiate our position in this matter -- indicates
13 that actually what happened -- and I believe this is what
14 happened -- an oral setting of this cause was made.
15 THE COURT: No, that is not correct. There were
16 dockets all the way through setting it down for the respective
17 dates in question.
18 MR. SPENCE: May I refer to the record, Your Honor?
19 THE COURT: I have just been looking at it. I know
20 what is in there.
21 MR. SPENCE: Perhaps it will refresh my recollection.
22 THE COURT: It was set down for --
23 MR. SPENCE: As I understand, this matter was set down
24 for the 6th of December.
25 THE COURT: It was set down repeatedly, as will be

shown by the dockets throughout the spring and summer and fall of 1956. The October docket is the last docket that was published under that old rule. The matter came on before the Court at that time. Your clients did not appear. They were in default. At that time Mr. Murane made a motion for judgment on the pleadings on behalf of Mountain Mesa, and the plaintiff was granted leave to amend their petition. The order granting leave set the case down definitely for trial in November.

MR. SPENCE: That is correct, and we don't dispute that those are exactly the facts.

THE COURT: In November the matter again came before the Court pursuant to the order for trial. Your client still neglected to appear.

MR. SPENCE: I would like to have the opportunity to discuss that matter with you.

THE COURT: I am talking, Mr. Spence.

MR. SPENCE: Excuse me.

THE COURT: At that time I don't recall what action was taken, but it was again continued, and an order entered at that time continuing it until December 6th for trial, set down for the same time as the Hazel group of claims was set. The Hazel trial took all day the 6th and on the 7th we came in to try this other one, and apparently the parties got together on the judgment. Now, that is the record.

MR. SPENCE: I understand that.

THE COURT: That is the written record. The case was definitely and regularly set down for trial on these various dates.

MR. SPENCE: I understand that.

THE COURT: You may proceed.

MR. SPENCE: During these times, may the Court please, that these matters were regularly set down by the printed trial docket the Riverton Uranium was claiming through Mountain Mesa. Our rights in the matter went through their rights in the matter, and that appears of record likewise.

As I have previously indicated, as this matter proceeded we followed suit with Mountain Mesa to carry the ball. They were the primary defendant, and as the matters were set for hearing on the respective dates they were likewise vacated and we went along with Mountain Mesa on the thing. An order was entered by this Court appearing at page -- appearing in an order filed herein on November 9, 1956, --

THE COURT: I might shorten this up, Mr. Spence. There is only one thing I am interested in: Did the Clerk forward you copies of the various orders here in this --

MR. SPENCE: Copies of these original orders with respect toothe previous settings in June and the regularly published docket were received. Orders with respect to this copy of this order on November 9, 1956, I have searched my files -- and we have a complete file in this case some yea thick, and I find no

copy of it in my file at all.

THE COURT: The order was in October permitting the amendment and re-setting it for November.

MR. SPENCE: The order of November 9th was never receive

THE COURT: There was one before that.

MR. SPENCE: There is an order of October 23rd. Is that the one the Court has reference to?

THE COURT: That is the reference to the setting in October or the regular trial calendar.

MR. SPENCE: It is ordered that this matter be and the same is hereby set down for trial -- I am referring, may the Court please, to the order of October 23, 1956 -- set down for trial in the court room at the court house in Lander, Fremont County, Wyoming, at the hour of 10:00 o'clock a.m. November 8, 1956.

THE COURT: That was the result of the hearing on October -- did you get a copy of that order?

MR. SPENCE: I probably did. I haven't checked, but I am certain that this other order is not in my possession.

THE COURT: Will you put the Clerk on the stand and find out whether or not he sent you a copy of that?

MR. SPENCE: Yes, I will in due course of this proceeding.

THE COURT: That is the only thing that is at issue here, is whether or not you received copies of these orders.

1 If you didn't you are entitled to a new trial -- you are
2 entitled to have a trialin this matter. Our Supreme Court
3 so ruled.
4 MR. SPENCE: This order of October 23rd sets this case
5 for hearing on November 8th.
6 THE COURT: And on November 8th it was continued until
7 December.
8 MR. SPENCE: And in December it was tried on the 7th,
9 not the 6th, by apparently some oral arrangement of which we
10 were not aware.
11 THE COURT: I don't think you appeared on the 6th
12 either.
13 MR. SPENCE: The matter is nevertheless that way of
14 record. I have no intention this morning, and I don't intend
15 to proceed on the basis of argument with the Court, and I don't
16 want to do that. I would simply like to present our cause as
17 briefly and as fully as we can upon which this Court may make
18 its determination. The thing that I can't impress to the Court's
19 understanding is this thing --
20 THE COURT: It is a matter of very clear impression
21 in my mind, Mr. Spence. The Court tried diligently to dispose
22 of these cases all during the summer and fall of last year,
23 and for one reason or another they were continued by action of
24 counsel. They were hanging on the fire for a long time.
25 MR. SPENCE: I recognize that.

THE COURT: And I have a distinct recollection of the proceedings all the way through the fall and up until the time the case was finally disposed of in December, and at no time did the Riverton Uranium appear in either one of these two cases that were going on together, and it was repeatedly set down.

MR. SPENCE: The point that I would like to re-emphasize to the Court before we proceed further -- and we don't disagree with the Court and we appreciate the Court's diligence that has been offered in this and many other cases in seeing that the Court docket has been kept current, not only for our benefit but for the benefit of the litigants, and that was no doubt the Court's intent here, and that was undertaken here. But the point that is paramount in my mind is this: That these records of this county are replete with the arrangements that existed between Mountain Mesa Uranium Corporation, San Juan Uranium Corporation, the Rim Group people and this defendant. These matters, some of which will be presented to the Court at a later time, --

THE COURT: I suppose that all goes to the merits of your --

MR. SPENCE: The point is this, may the Court please -- and I am having a difficult time in getting the full thought to the Court: The point is this: That we have followed along holding on to the coat tails of Mountain Mesa Uranium Corporation, one of the defendants here. We were in perfect accord with

1 everything that Mountain Mesa did in all of these settings,
2 vacations, and all the rest, because they were carrying the
3 ball and that is a matter of record. We allege that. All of a
4 sudden there becomes a -- to say it colloquially, a double
5 clutch in the matter, and we end up in a lawsuit with Mountain
6 Mesa, which is likewise of record, and that lawsuit has gone all
7 the way to the Circuit Court of Appeals, and it has been ruled
8 partially in our favor and returned here, and these litigants
9 have spent thousands and thousands of dollars in the litigation
10 of that action, and it is completely absurd for anyone to
11 believe that these defendants are going to allow Mountain Mesa
12 by a simple, little default in this cause to preclude or attempt
13 to preclude their rights that are being litigated in the Dis-
14 trict Court after being remanded to the District Court from the
15 Circuit Court of Appeals.
16 It likewise is interesting to note -- and these facts will
17 be presented -- that Mountain Mesa claims the full ownership of
18 these claims in those cases and has filed a cross suit against
19 us to quiet our title. It is interesting to note, in addition
20 to that, that the Rim Group, who are fully aware of that action,
21 fully cognizant of it, haven't undertaken any action on their
22 part to intervene in those actions in which their claims are
23 being litigated.
24 Now, here we are following along on the coat tails of Moun-
25 tain Mesa; we claim through Mountain Mesa, we answer in that

respect and that fashion. These orders and vacations are made all the way along, and suddenly the parties, without asking us, without tellingus about it, unknown to us, get together on the day that this thing is set for trial -- they get together and get a little agreement worked up between themselves and quiet our title. They don't quiet their title. They quiet ours, and very nicely and very easily preclude us from coming into Court.

Now, we have depended upon Mountain Mesa in this thing to a great extent, and we have felt that we could depend on them in the trial of this matter, and we made our appearance in this case at the time we made our appearance simply because we were made defendants and we didn't want a default entered against us, but Mountain Mesa was the litigant.

Now, Mr. Nicholas knew and he won't deny that he claimed an interest in these claims and that we were vigorously asserting those claims in the District Court before the Honorable Ewing Kerr and clear up to the Circuit Court of Appeals. He knew that. Mountain Mesa certainly did. They are the party in two actions and in which we are on the other side. Here we are in the position of having hung onto the coat tails of Mountain Mesa to carry this action through in which they have a meritorious defense and in which we will show this Court they have a meritorious defense, and the two parties get together and make a settlement agreement unknown to us and enter a default judgment against us. Those facts do not appear as cogently on the

record as I hope they now appear in the mind of the Court, and I would be the first to agree with the Court that were it not for these facts that we should be thrown out of this Court because we haven't followed the Court's setting; but I would likewise indicate to the Court that that would not accomplish the justice in this case, especially in light of the fact that all of these matters were well known to all of the parties and we were completely bypassed.

Now, those facts are alleged. In addition to that, it is interesting to note that on the 7th day of December when this thing was finally heard there wasn't any trial held. We didn't miss anything. The thing has never been presented to the Court on its merits, and whether or not this defendant, Mountain Mesa Uranium Corporation, has a valid existing interest in these claims which may be worth many, many thousands of dollars and a fortune is completely unknown to this Court at this time. This Court has no way of knowing it. Now, we recognize that matters of this nature, matters of this nature are matters which are solely in the discretion of this Court.

THE COURT: I find it awfully easy to abuse that discretion, Mr. Spence.

MR. SPENCE: Yes. And we likewise indicate to the Court that we are in complete sympathy and harmony with the fact that the affairs of this Court must be conducted timely and on schedule which is comprehensive, so that the dockets don't

1 get cluttered up, but here we were happily winging along with
2 all the faith in the world that this matter was being properly
3 presented to the Court and having no concern about it particu-
4 larly, our interests having been asserted in all the records
5 of Fremont County, which were replete with a direct chain of
6 title, both in equity and property rights, and suddenly the
7 plaintiff and the defendant, through whom we claim, very nicely
8 join hands in an agreement of some kind, entering default judg-
9 ment against us, which substantially and seriously affects our
10 rights of litigation in the Federal District Court, without
11 notice to us of any kind.
12 I would not even appear here this morning or take one moment
13 of the Court's time if the facts in this case were simply that
14 we were the defendant and the Rim Group were the plaintiff and
15 we had a cause of action to try between ourselves and we didn't
16 get it tried and we didn't appear -- we should have it set
17 aside -- but the Court in its sound discretion upon these facts,
18 upon this understanding of the case, has a right to set aside
19 this judgment and let us come in, or to make some other relief
20 that is equitable and just and not simply to preclude in a
21 simple quiet title action before this Court our rights in
22 substantial valuable properties that have been litigated clear
23 to the Circult Court of Appeals of the United States.
24 Now, I appreciate the Court giving me the opportunity to
25 explain that facet of the case, and I beg leave of the Court at

this time to call Mr. Kirkpatrick Dilling as a witness on behalf of our position.

THE COURT: The matter will be deferr3d until after I take care of the scheduled docket this morning. I have the case of Humphries versus Humphries set for trial at 10:00 o'clock.

(Thereupon, at 10:10 o'clock a.m., the trial of the above entitled cause was recessed until 11:00 o'clock a.m., at which time the following occurred:)

THE COURT: The Court will come to order.

MR. SPENCE: The movant calls Mr. Kirkpatrick Dilling.

KIRKPATRICK W. DILLING,

a witness called by and on behalf of the defendant Riverton Uranium Corporation, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. SPENCE:

1 Q. Would you state your name for the Court, please?

A. Kirkpatrick W. Dilling.

2 Q. Where do you live, Mr. Dilling?

A 450 Lee Road, Northbrook, Illinois.

3 Q. What is your occupation, Mr. Dilling?

A. I am an attorney at law and I am also secretary-treasurer and a director of Riverton Uranium Corporation.

4 Q. That is the defendant in this action?

A. Yes, sir.

5 Q. Where are your law offices, Mr. Dilling?

A. They are located at 139 North Clark Street, Chicago, Illinois.

6 Q. When did you become secretary-treasurer and a director of Riverton Uranium Corporation?

A. In the summer of 1955 when the corporation was first founded.

7 Q. Are you familiar with a default order which was entered in this cause in the month of January, 1957, against this defendant?

A. I am.

8 Q. When did you learn of this default order?

A. In February, 1957.

9 Q. What, if anything, was done then by the Riverton Uranium Corporation with respect to it?

A. We contacted Messrs. Spence and Hill, our counsel in this cause, and asked them to take whatever steps they could to bring the matter to the attention of the Court so that the default might subsequently be vacated.

10 Q. Directing your attention to on or about December 6th or 7th, 1956, will you state whether or not to your knowledge any officer or any director of the Riverton Uranium Corporation knew that this case had been set for trial on that date?

A. They did not.

11 Q. Will you state whether or not any officer or director of the Riverton Uranium Corporation authorized or consented to the entry of an order by the Rim Group and the Mountain Mesa Uranium Corporation to quiet the Riverton Uranium's title, as this agreement more particularly now appears on record?

MR. NICHOLAS: Objected to as calling for a conclusion of the witness.

THE COURT: Sustained.

(Exception allowed.)

12 Q. The order that we have referred to filed herein in January of 1957 against the defendant Riverton Uranium Corporation, was this order ever presented to any officer or agent or attorney, to your knowledge, of the Riverton Uranium Corporation before it was signed?

A. To my knowledge, no.

13 Q. Have you ever seen a copy of this agreement between the Mountain Mesa Uranium Corporation and the Rim Group which has been referred to by counsel in argument before this Court?

A. Iwill say this, Mr. Spence: I understand that Mr. Nicholas filed an affidavit this morning in this case. You have indicated to me that you have a copy of that. Attached to that affidavit is what purports to be a photostat of an agreement. Frankly, I haven't had time as of this minute to examine it thoroughly.

14 Q. Was this the first time you had seen any such purported

agreement?

A. It is, but I would say about ten minutes ago is the first time that I have seen what purports to be a copy of that agreement.

15 Q. Did the Rim Group or Mountain Mesa Uranium consult with you or any officer, director, servant or agent of the Riverton Uranium Corporation covering another organization that it was proposing to give mining rights to that property, to the Rim Group property?

A. No.

MR. NICHOLAS: Pardon me. Objected to; ask that the answer be stricken, calling for a conclusion.

THE COURT: Read the question back.

(The pending question was read by the Reporter.)

THE COURT: He may answer yes or no.

THE WITNESS: Pardon me, sir?

THE COURT: You may answer yes or no.

(Exception allowed.)

A. No.

16 Q. Is such an arrangement with or without the Riverton Uranium's consent?

MR. NICHOLAS: Just a moment. Object to the question as asking for something that is not before the Court.

MR. SPENCE: It is filed here in this action by your affidavit, Mr. Nicholas.

MR. NICHOLAS: Then I will object to the question as being vague and indefinite.

THE COURT: He has already testified, no consultation was made with him directly. I don't know how he can --

MR. SPENCE: I will withdraw the question.

17 Q. Will you state whether or not to your knowledge the Rim Group or its counsel had knowledge prior to December 7, 1956, of the interest asserted by the Riverton Uranium Corporation in the Rim Group claims?

A. They did, both actual and as shown by the documents filed by the Corporation and its predecessors in title governing rights in that group of claims.

18 Q. You have indicated that they had actual knowledge of the Riverton Uranium's interest therein. Would you state just briefly how they acquired that actual knowledge?

A. The first time, I believe, that anybody connected with Riverton Uranium Corporation discussed that matter connected with the Rim Group was on December 8th, 1955, at which time I had a conference with Mr. Nicholas in his office at Lander. Subsequently I would say that we had possibly three, maybe four, more conferences at various times when I or another officer of the corporation happened to be in this part of the country concerning the progress of our litigation to establish our rights in the Rim Group and also concerning an arrangement which we attempted to bring out in various manners and made various

1 proposals, and, of course, they made various counter-proposals
2 concerning the future operation of that property, which it was
3 proposed at that time Riverton Uranium Corporation would conduct.
4 I would say the last such conference was probably either the
5 latter part of April or possibly the first day of May.
6 19 Q. Have these rights that you have discussed and you have
7 mentioned here, testified to that you have discussed with Mr.
8 Nicholas -- have these rights been the subject of litigation in
9 any legal matter other than this one?
10 A. They have.
11 MR. SPENCE: How would the Court prefer to have these
12 marked?
13 THE COURT: Defendant's Exhibit 1, I guess.
14 (THEREUPON, CARBON COPY OF COMPLAINT WAS MARKED DEFENDANT'S
15 EXHIBIT NO. 1 FOR IDENTIFICATION.)
16 20 Q. Mr. Dilling, I hand you Defendant's Exhibit 1 and ask
17 you to state to the Court what that is.
18 A. Defendant's Exhibit 1 is an original carbon copy of
19 the complaint filed on behalf of Riverton Uranium Corporation
20 and Charles M. Coleman, its predecessor in interest, in the
21 matter of Coleman and Riverton Uranium Corporation versus
22 Mountain Mesa Uranium Corporation, et al, cause No. 3966 Civil
23 in the United States District Court for the District of Wyoming.
24 21 Q. When was that Exhibit 1 filed with the District Court
25 of Wyoming?

A. The proceeding in question was filed at Cheyenne, Wyoming, on December 9, 1955.

22 Q. And does Exhibit 1 affect in any way rights of any parties, either in this or other actions, with respect to the Rim Group claims?

MR. NICHOLAS: Object to the question as calling for a conclusion and the instrument will speak for itself.

THE COURT: Overruled. He may answer.

MR. SPENCE: Pardon?

THE COURT: He may answer.

(Exception allowed.)

A. The proceeding in question involves the 42 Rim Group claims --

THE COURT: Answer that question yes or no.

A. Oh, excuse me. What was your question, Mr. Spence?

MR. SPENCE: Would the Reporter re-read the question to the witness, please? I might just briefly re-state it as such.

23 Q. Does Exhibit 1, as the same is filed, the complaint in the District Court for the District of Wyoming, the Federal District Court, affect any of the rights of the parties in this action to the Rim Group claims?

A. Yes.

MR. SPENCE: We offer in evidence Defendant's Exhibit 1.

MR. NICHOLAS: If the Court please, we object to the

offer. The thing is irrelevant, immaterial, it doesn't bear on any issues before the Court at this time.

THE COURT: Sustained.

(Exception allowed.)

24 Q. Mr. Dilling, would you state with respect to Exhibit 1 what relationship, if any, exists between Mountain Mesa Uranium Corporation and the Riverton Uranium Corporation with respect to the Rim Group claims as the same appears in Exhibit 1?

MR. NICHOLAS: Just a moment, now, would you repeat the question, please?

MR. SPENCE: Would you read the question back, Mr. Reporter?

(The pending question was read by the Reporter.)

MR. NICHOLAS: Object to the question as calling for a conclusion, as vague and indefinite; it is immaterial.

THE COURT: Sustained.

(Exception allowed.)

25 Q. Are the rights of the Rim Group claims in any way being litigated in that action represented by the complaint filed and designated here as Exhibit 1?

MR. NICHOLAS: Object to the question again as being vague and indefinite, calling for a conclusion of the witness.

THE COURT: He may answer.

(Exception allowed.)

A. They are.

26 Q. Would you state how, if in any way, the Exhibit 1 affects the rights of the Rim Group claims, the Rim Group people in these claims and the rights of the defendant Riverton Uranium Company, as the same appears in this cause, represented by Defendant's Exhibit 1, in the Federal District Court?

MR. NICHOLAS: If the Court please, we will object to that as calling for a conclusion, as being irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

27 Q. You have previously indicated by your answer to the question propounded to you, Mr. Dilling, that the rights of the Rim Group claims are affected, the Rim Group people are affected in this action. Are the rights of the Riverton Uranium people affected in this action, as shown by Exhibit 1?

MR. NICHOLAS: Object to the question as being irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

28 Q. Would you state to the Court, Mr. Dilling, whether or not the order of this Court of December 7, 1956, by this proceeding which we are attempting to set aside, whether that motion in any way affects or has a probability of affecting, in your opinion, the action represented by Exhibit 1 filed in the Federal District Court?

MR. NICHOLAS: Object to the question as calling for a conclusion of the witness, also irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

29 Q. Are you aware of any facts which would cause the order of December 7, 1956, in this Court to in any way affect the rights of the parties shown in Exhibit 1?

A. Yes, I am.

30 Q. What are those facts?

MR. NICHOLAS: Just a minute. Would you re-read the question, please?

(The pending question was read by the Reporter.)

31 Q. You may answer, Mr. Dilling. No objection has been raised.

A. Cause No. 3966 Civil is an action based upon --

32 Q. Are you referring to the Federal District Court action?

A. Yes, as shown on Exhibit 1, is an action filed on behalf of Riverton Uranium Corporation to enforce equitable mining rights acquired by the corporation in the fall of 1955 in the Rim Group claims and others, the Rim Group claims comprising approximately one-third of the claims involved in that cause, based upon a chain of title beginning May 2nd, 1955, at which time Mountain Mesa Uranium Corporation conveyed certain mining rights to San Juan Uranium Exploration followed by an agreement dated July 30th, 1955, which is attached as an exhibit to the complaint,

made between Charles M. Coleman, the assignor, to Riverton Uranium Corporation subsequently of his rights under that agreement, in which he acquired the right to acquire all of San Juan's mining rights, that agreement also providing for a supplemental --

MR. NICHOLAS: If the Court please, we will object to any volunteering other than the facts he was going to state.

THE WITNESS: I am trying to give you a little bit of background, Mr. Nicholas.

MR. NICHOLAS: He is stating these allegations apparently as if they were facts, so we object to any further testimony along this line as volunteering on the part of the witness.

THE COURT: Overruled.

(Exception allowed.)

A. (Continuing) Do you know where I left off, Mr. Reporter?

(The last previous answer was read by the Reporter.)

A. (Continuing) -- that agreement also provided for a revised and supplemental agreement to be entered into between Mountain Mesa Uranium Corporation and San Juan Uranium Exploration. That agreement subsequently was entered into and is also attached as an exhibit to that complaint. The quieting of title in this particular matter would seriously affect the --

MR. NICHOLAS: Just a moment. We will object to any further testimony along that line again, as the witness is

1 stating his opinion on the matter.

2 THE COURT: Sustained.

3 (Exception allowed.)

4 A. I will say -- let me say this. Perhaps this is a

5 little clearer. The complaint in question was subsequently

6 dismissed by Judge Kerr in Cheyenne. In fact, Judge Kerr entered

7 summary judgment. That matter was appealed to the United States

8 Court of Appeals at Denver. That Court held on December 28th

9 of last year that the plaintiffs in this cause No. 3966 Civil

10 in the Federal Court could sue upon the agreement in question

11 as third party beneficiaries. The cause is now pending for

12 final adjudication as to the rights which Riverton Uranium

13 Corporation would now hold in the Rim Group claims.

14 33 Q. Those involved the Rim Group claims?

15 A. Yes, sir.

16 34 Q. Does the order of December 7, 1956 of this Court --

17 excuse me -- of January in 1957 of this Court thereby in any

18 way cause a detrimental effect on the rights of the parties

19 to the Rim Group?

20 MR. NICHOLAS: Objected to as calling for a conclusion

21 of the witness.

22 THE COURT: He may answer.

23 (Exception allowed.)

24 A. Yes, it does.

25 35 Q. And in what way?

MR. NICHOLAS: Just a moment. I will object again as calling for a conclusion of the witness, being irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

36 Q. Does the order of this Court of January 1957 in any way have any relationship to the District Court action before the United States District Court?

THE COURT: I don't understand that question.

37 Q. Is there any relationship existing between the two actions?

A. Well, of course, it has a relation --

MR. NICHOLAS: Just a moment, if the Court please, we will object to any answer other than yes or no to the question.

THE WITNESS: Frankly, I don't really understand that.

MR. SPENCE: Would you read the question back, Mr. Reporter?

(The pending question was read by the Reporter.)

A. Yes.

38 Q. And in what way?

MR. NICHOLAS: Now, if the Court please, we will object to the question as calling for a conclusion of the witnes; as being irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

39 Q. Would you state to the Court simply by answering yes or no whether or not if this order of January 7th -- or of January 1957 is permitted to remain in force and effect, whether or not the rights being litigated by you in the Federal District Court will in any way be affected?

MR. NICHOLAS: Object to the question as calling for a conclusion of the witness, being irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: We re-offer into evidence Defendant's Exhibit 1.

MR. NICHOLAS: Make the same objection: That the same is incompetent, irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

40 Q. When was Cause No. 3966 in the Federal District Court for the District of Wyoming instituted?

MR. NICHOLAS: Objected to as already asked and answered.

MR. SPENCE: I don't think that has been asked or answered.

THE COURT: He may answer.

(Exception allowed.)

A. As I stated, Mr. Spence, it was December 9, 1955.

41 Q. Excuse me. Thank you. Was that before or after this

cause was commenced?

A. That was six months before this cause was commenced.

(THEREUPON, CARBON COPY OF COMPLAINT IN NO. 4041 U.S. DISTRICT COURT FOR WYOMING, WAS MARKED DEFENDANT'S EXHIBIT NO. 2 FOR IDENTIFICATION.)

42 Q. I hand you Defendant's Exhibit 2 and ask you to state to the Court what that is.

A. Defendant's Exhibit 2 is an original carbon executed, fully executed copy of the complaint in Cause No. 4041, Civil, in the United States District Court for the District of Wyoming, entitled Mountain Mesa Uranium Corporation, a Wyoming corporation, plaintiff, versus Riverton Uranium Corporation, defendant, the action being a quiet title action, including the Rim Group claims in the Exhibit "A" attached to the complaint, which forms a part also of the original on file in the court in Cheyenne.

43 Q. This is a quiet title action brought by Mountain Mesa against you?

A. That is right.

44 Q. For the Rim Group claims?

A. Including the Rim Group claims and others in the Gas Hills area.

45 Q. Those are the same claims that are involved in this litigation?

A. That is correct.

46 Q. Those are the same claims that if the order of January

1 1957 of this Court is allowed to stand will cause a quieting of
2 the title to those claims to occur?
3 MR. NICHOLAS: Object to this as calling for a con-
4 clusion of the witness, being irrelevant and immaterial.
5 THE COURT: Sustained.
6 (Exception allowed.)
7 MR. SPENCE: Defendant offers into evidence Exhibit 2.
8 MR. NICHOLAS: To which offer the plaintiff objects,
9 the same being incompetent, irrelevant and immaterial.
10 THE COURT: Sustained.
11 (Exception allowed.)
12 47 Q. When was Exhibit No. 2, Civil Cause 4041 in the
13 Federal District Court, commenced?
14 MR. NICHOLAS: Objected to as being irrelevant,
15 immaterial and it doesn't bear on any issue in this case.
16 THE COURT: Sustained.
17 (Exception allowed.)
18 MR. SPENCE: At this time, before the movant proceeds
19 further in its action, I would like to make an offer of proof --
20 strike that, Mr. Reporter.
21 I would like to re-offer Defendant's Exhibit 2 into evidence.
22 MR. NICHOLAS: Same objection.
23 THE COURT: Same ruling.
24 (Exception allowed.)
25 MR. SPENCE: At this time we would like to make an

offer of proof with respect to Defendant's Exhibit 2. Defendant's Exhibit 2 will reveal that Mountain Mesa Uranium Corporation claims certain rights and interests in the Rim Group claims which are the subject of this action in this Court, and that Mountain Mesa by the filing of this action -- and it is so alleged in Exhibit 2 -- recognizes certain rights to said claims owned and held by the defendant in this action, Riverton Uranium Corporation, and that said Exhibit is material in support of the proposition that Mountain Mesa Uranium Corporation and the plaintiff in this action, the Rim Group, concerted together and obtained a default order from this Court against this defendant without this defendant's knowledge or consent, and by means thereof obtained or attempted to obtain a quiet title of the plaintiff's claims against the Riverton Uranium Corporation which could not have been effected had the matter been tried on its merits and was not effected in Civil Cause No. 3966 before the Federal District Court for the District of Wyoming, which will be tried and heard on April 29, 1956, and consolidated with that action is 4041, Defendant's Exhibit 2 in this cause.

MR. NICHOLAS: Have you completed your offer?

MR. SPENCE: Yes.

MR. NICHOLAS: To the offer the defendant objects on the ground that the material contained therein is incompetent, irrelevant, immaterial, does not bear on any of the issues in

this case.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: The plaintiff at this time re-offers its Exhibit 1 -- or, the movant re-offers its Exhibit 1.

MR. NICHOLAS: Object to the offer as being incompetent, irrelevant, immaterial, not bearing on any issue in the case.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: For the purpose of Defendant's Exhibit 1 the following offer of proof is made: That the claims shown in Defendant's Exhibit 1, a portion of them are the same claims which are the subject of the within action; that rights in those claims are being litigated, as will show on the face of the complaint, between the defendant in this action and the defendant in this action, Mountain Mesa Uranium Corporation, and that these claims are the same identical claims as more particularly appears in Exhibit 1, as to which the Rim Group has obtained an order of January, 1956, by the terms of which said order purports to quiet the defendant Riverton Uranium Corporation's title therein, and that this action was filed prior to the filing of the within action, and that by virtue of the face of the complaint and the prayer for relief, the causes of action set forth therein, there are matters of concurrent jurisdiction between the Federal District Court and this Court.

MR. NICHOLAS: Have you completed your offer?

MR. SPENCE: Yes.

MR. NICHOLAS: To that offer the plaintiff also objects and to the material therein as being irrelevant, immaterial, does not bear on any of the issues in this case.

THE COURT: Sustained.

(Exception allowed.)

BY MR. SPENCE:

48 Q. Mr. Dilling, with respect to Exhibit 2, I can't recall whether I propounded this question to you or not: Are the same claims involved in Exhibit 2, likewise being a portion of the Rim Group of claims involved in Exhibit 2, likewise involved in this action?

A. Yes.

MR. NICHOLAS: Objected to. Pardon me. Does the Reporter have the answer to the question?

(The last answer was read by the Reporter.)

49 Q. And did you testify, Mr. Dilling, as to when the cause of action shown in Exhibit 2 was commenced?

A. No, I didn't.

50 Q. Will you state to the Court, please?

MR. NICHOLAS: Object to the question as being irrelevant, immaterial, not bearing on any issue in this case.

THE COURT: Sustained. (Exception allowed.)

51 Q. With respect to Civil Cause No. 3966, I believe you

have already stated in one of your answers to this Court that that cause has already been partially adjudicated by the United States Court of Appeals for the Tenth Circuit?

A. That is correct.

(THEREUPON, PAGES 12, 13, 14, 15, 16 OF FEDERAL REPORTER, 2ND SERIES, VOLUME 240, NO. 1, WAS MARKED DEFENDANT'S EXHIBIT NO. 3 FOR IDENTIFICATION.)

52 Q. I hand you Defendant's Exhibit 3 consisting of pages 12, 13, 14, 15 and a portion of 16 of the Federal Reporter, 240 Federal Second, No. 1, March 11, 1957, and ask you to state to the Court what that is.

A. That is the opnnion rendered December 28, 1956, by the United States Court of Appeals for the Tenth Circuit in the matter of Charles M. Coleman and the Riverton Uranium Corporation, Appellants, versus Mountain Mesa Uranium Corporation, a corporation, Appellee, being No. 5423 in that Court, opinion by Judge Huxman, Circuit Judge.

53 Q. To your knowledge, Mr. Dilling, did the plaintiff, Rim Group, have actual knowledge of the proceedings in this Federal Court and also the Circuit Court of Appeals for the Tenth Circuit?

MR. NICHOLAS: Objected to as calling for a conclusion of the witness, being irrelevant, immaterial, not bearing on any issue in this case.

THE COURT: Sustained.

(Exception allowed.)

54 Q. Would you state to the Court whether or not you personally ever had any conversation with the plaintiff, Rim Group, with respect to this cause represented by Defendant's Exhibit 3?

MR. NICHOLAS: I will object to the question as being irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: The defendant movant here offers Defendant's Exhibit 3 into evidence.

MR. NICHOLAS: We will object to the offer, the same is incompetent, irrelevant, immaterial, not bearing on any issue in this case.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: For the purpose of making an offer of proof the defendant makes the following statement: That by virtue of the Court's own analysis in the Circuit Court of Appeals, Tenth Circuit, its decision dated December 28th, 1956, between Charles M. Coleman and the Riverton Uranium Corporation, a corporation, appellants, versus Mountain Mesa Uranium Corporation, a corporation, Appellee, the Court made the statement that:

"Third party beneficiaries" -- which are the plaintiffs in that action and the defendant in this one --

"brought action against parties to written contract for specific performance of the contract. The United States District Court for the District of Wyoming, Ewing T. Kerr, J., sustained motion of one of the parties to the contract for summary judgment for dismissal of the first two counts of the amended complaint, and the third party beneficiaries appealed."

We should like to italicize and emphasize the words "third party beneficiaries" as used by the Court.

(Reading) "The Court of Appeals, Huxman, Circuit Judge, held that there was an issue of fact which made summary judgment inapplicable."

By the introduction of this exhibit we wanted to show that the Riverton Uranium Corporation was a third party beneficiary together with other rights obtained from Mountain Mesa Uranium Corporation, and that such third party beneficiary accruing to the benefit of the Riverton Uranium Company is a matter of record and judicial decision by the Circuit Court of Appeals. That the Rim Group and Mountain Mesa group, who are the principals in the controversy, have undertaken to cut off the rights of such third party beneficiary by the order contested in this matter, and that Exhibit 3 will establish the relationship of the parties as herein alleged.

MR. NICHOLAS: If the Court please, in order to make that more explicit, I first move that the counsel be required

to make his offer of proof more definite and certain by stating with respect to what contract he states that the Rim Group and Mountain Mesa are principals. The reflection in the offer is that the Rim Group might be a principal in some contract with the Riverton Uranium, which is subject to that litigation.

THE COURT: Overruled.

(Exception allowed.)

MR. NICHOLAS: And I object to the offer as being incompetent, irrelevant, immaterial, not bearing on any issue in this case.

THE COURT: Sustained.

(Exception allowed.)

BY MR. SPENCE:

55 Q. To your knowledge, Mr. Dilling, has the Rim Group, a plaintiff in this action, or anyone on its behalf attempted at any time to intervene into the Federal Court proceedings contesting Riverton Uranium Corporation's assertion of rights in the Rim Group?

A. We have not.

56 Q. What is the present status of Cause No. 3966 and No. 4041 in the Federal District Court?

MR. NICHOLAS: Object to the question as being irrelevant and immaterial, not bearing on any issues in this case.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: We make the following offer of proof with respect to the last ruling of the Court: That to the question propounded to Mr. Dilling the witness, Mr. Dilling, would answer that these causes have been consolidated for trial on April 29th, 1957, that the trial of said causes will adjudicate the rights of Mountain Mesa and the Riverton Uranium Corporation with respect to the claims involved in the within action.

MR. NICHOLAS: Object to the offer as being irrelevant and immaterial, not having anything to do with the issues in this case and in no way binding upon them.

THE COURT: Sustained.

(Exception allowed.)

57 Q. Would you state whether or not Mountain Mesa Uranium Corporation has ever taken any action to keep you off of the Rim property?

A. They have.

MR. NICHOLAS: Move the answer be stricken and object to the question on the grounds it is irrelevant and immaterial and has no bearing in this matter.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: The answer will be stricken, then, Your Honor?

THE COURT: Yes.

MR. SPENCE: We make an offer of proof in the matter

1 indicating that Mr. Kirkpatrick Dilling would answer the ques-
2 tion "yes."
3 58 Q. Mr. Dilling, by what means have they attempted to keep
4 you off of this property?
5 MR. NICHOLAS: Just a moment, please. Make the same
6 objection: irrelevant and immaterial, does not bear on the
7 matters before the Court at this time.
8 THE COURT: Sustained.
9 (Exception allowed.)
10 MR. SPENCE: Make an offer of proof at this time to
11 show that Mr. Dilling's answer would be that on the 29th day of
12 September, 1956 -- "they" referring to Mountain Mesa Uranium
13 Corporation, one of the defendants herein -- obtained a res-
14 training order from the United States District Court for the
15 District of Wyoming in Civil Cause No. 4041 by the terms of which
16 the Riverton Uranium Company was restrained from entering upon
17 and interfering with the possession of these claims, and that
18 the purpose of the testimony is to show that Mountain Mesa
19 Uranium Corporation presently in the Federal District Court for
20 the District of Wyoming recognizes a claim against the Rim
21 Group claims in this action had by the Riverton Uranium Corpor-
22 ation in the Rim Group claims, and that the mMountain Mesa
23 Uranium Corporation entered into an agreement with the Rim Group
24 people and thereafter entered a default herein against this
25 defendant.

MR. NICHOLAS: Have you completed your offer?

MR. SPENCE: Yes.

MR. NICHOLAS: We object to the offer and the material therein on the grounds that it is irrelevant, immaterial and has no bearing on any issue in this case.

THE COURT: Sustained.

(Exception allowed.)

(THEREUPON, TEMPORARY RESTRAINING ORDER, FEDERAL COURT CASE NO. 4041, WAS MARKED DEFENDANT'S EXHIBIT NO. 4 FOR IDENTIFICATION.)

59 Q. I hand you Defendant's Exhibit 4 and ask you to state to the Court what that is.

A. Defendant's Exhibit 4 is a temporary restraining order -- it is an original carbon copy of a temporary restraining order entered in Civil Action No. 4041 in the United States District Court for the District of Wyoming, that cause being entitled "Mountain Mesa Uranium Corporation, plaintiff, versus Riverton Uranium Corporation, defendant," that restraining order having been dissolved on March 5, 1957.

MR. SPENCE: We offer into evidence Defendant's Exhibit 4.

MR. NICHOLAS: Object to the offer as being incompetent, irrelevant, and immaterial, not bearing on any of the issues in this case.

THE COURT: Sustained.

(Exception allowed.)

1 MR. SPENCE: May it please the Court, at this time
2 perhaps we are being misunderstood by the Court in the offering
3 of these exhibits and in the asking of the various questions in
4 support of them. We are laying a foundation with these exhibits
5 to show that we have a meritorious defense in this action. These
6 offers have been made as foundation material for that purpose.
7 They are necessary for the Court to have an adequate understand-
8 ing as to what the meritorious defense by the defendant will be
9 and have been offered, as I say, for that purpose.
10 THE COURT: I am not concerned at all with any liti-
11 gation in the Federal Court. I am concerned only with the files
12 and records in this case, and the issues raised by the plead-
13 ings.
14 MR. SPENCE: I understand. The matter likewise goes
15 to the allegations made by these defendants that the cause of
16 the default in this action is as has been previously stated
17 to the Court: That our rights are derived through Mountain Mesa,
18 with whom we are presently engaged in litigation, and that it is
19 unjust to permit Mountain Mesa and the plaintiff in this action
20 to enter into an agreement by the terms of which the rights of
21 the Rim Group are protected and the rights of Mountain Mesa are
22 protected without any consent or knowledge on our part, and
23 after the entering into of that contract the entry of the default
24 against us. I wonder if I might refer to the Court file for a
25 moment.

60 Q. Would you state to the Court what the nature of the rights of the Riverton Uranium Corporation are in respect to the Rim Group?

MR. NICHOLAS: Object to the question as calling for a conclusion of the witness, being incompetent, irrelevant and immaterial, not bearing on any issue in this case at this time.

THE COURT: You want his opinion as to the rights?

MR. SPENCE: No, Your Honor, I just want him to state what rights the Riverton Uranium Corporation are asserting in the Rim Group.

THE COURT: Are asserting?

MR. SPENCE: Yes.

MR. NICHOLAS: If the Court please, I believe that is contained in the file.

THE COURT: That is determined in the pleadings, isn't it?

MR. SPENCE: No, not in full. There is only one filing made by the Rim Group in the entire voluminous file in this case, and that is an allegation which I previously read to the Court, that we claim our rights through Mountain Mesa and that we are entering our appearance for that purpose. I think before the Court can reach a just and thorough and complete understanding as to whether or not we have a meritorious defense in this matter the Court will want to know some of the things we assert in this and why.

THE COURT: He may answer.

(Exception allowed.)

THE WITNESS: Would you read the question again, Mr. Reporter?

(The pending question was read by the Reporter.

MR. NICHOLAS: If the Court please, --

MR. SPENCE: We will strike that and re-word it.

61 Q. Would you state what rights are being asserted by the Riverton Uranium Corporation in the Rim Group?

A. The Riverton Uranium Corporation asserts rights by virtue of its position as a third party beneficiary under an agreement dated September 7, 1955, between San Juan Uranium Exploration, Inc., and Mountain Mesa Uranium Corporation, and also by direct chain of title, specifically, assignments from San Juan Uranium Exploration, Inc., subsequent, incidentally, to the time when the answer was filed in this cause, and assignment from Charles M. Coleman, the signatory originally to an agreement dated July 30th, 1955, between himself and San Juan Uranium Exploration, Inc., the nature of those rights being exclusive operational and development rights subject to payment of fifteen per cent overriding royalties to the Rim Group owners and 25 per cent of all net profits, computed upon a formula contained in the agreement of September 7, 1955, the other 75 per cent of net profits to be retained by Riverton Uranium Corporation.

(THEREUPON, PHOTOSTATIC COPY OF AGREEMENT DATED MAY 2, 1955, BETWEEN MOUNTAIN MESA AND SAN JUAN WAS MARKED DEFENDANT'S EXHIBIT NO. 5 FOR IDENTIFICATION.)

62 Q. I hand you Defendant's Exhibit 5 and ask you to state what that is.

A. Defendant's Exhibit 5 is a photostatic copy of the executed agreement entered into on May 2nd, 1955, between Mountain Mesa Uranium Corporation, as first party, and San Juan Uranium Exploration, Inc., as second party, whereby San Juan Uranium Exploration, Inc., acquired certain mining rights in the Rim Group and other properties from Mountain Mesa Uranium Corporation.

63 Q. By virtue of Defendant's Exhibit 5 do you assert any right in the Rim Group of claims?

A. Solely by virtue of a subsequent --

MR. NICHOLAS: Pardon me. I will ask that the answer be yes or no.

64 Q. You may answer just yes or no.

A. Yes.

MR. SPENCE: We offer in evidence Defendant's Exhibit 5.

MR. NICHOLAS: We will object to the offer as being incompetent, irrelevant, immaterial, not bearing on any of the issues in this case before the Court at this time.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: We make an offer of proof at this time. Defendant's Exhibit 5 is a foundation -- strike the offer of proof at this time.

(THEREUPON, PHOTOSTATIC COPY OF AGREEMENT, JULY 30, 1955, BETWEEN CHARLES M. COLEMAN, RIVERTON URANIUM CORPORATION'S ASSIGNOR, AND SAN JUAN URANIUM EXPLORATION WAS MARKED DEFENDANT'S EXHIBIT NO. 6 FOR IDENTIFICATION.)

65 Q. I hand you Defendant's Exhibit 6 and ask you to state to the Court what this is.

A. Defendant's Exhibit No. 6 is a true photostatic copy of an agreement dated July 30, 1955, entered into between Charles M. Coleman, Riverton Uranium Corporation's assignor, and San Juan Uranium Exploration, Inc., a Colorado Corporation, involving 115 uranium and mineral mining claims, including the 42-claim Rim Group and the original of which is recorded in the Fremont County Clerk and Ex Officio Registrar of Deeds office here at Lander.

66 Q. San Juan Corporation that you have mentioned is a party in this action, is it not?

A. I believe they were at one time, yes.

67 Q. And would you state to the Court whether or not the Riverton Uranium Corporation has acquired the rights of San Juan in the Rim Group claims?

A. It has.

MR. NICHOLAS: Pardon me. I ask that the answer be

stricken and object to the question on the ground that it calls for a conclusion of the witness.

THE COURT: Overruled.

MR. SPENCE: We offer in evidence Defendant's Exhibit 6.

MR. NICHOLAS: Object to the offer, the same being incompetent, without proper foundation, irrelevant, and immaterial, and not bearing upon any issue in the cause before the Court at this time.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: Is it sustained, Your Honor, on the grounds of improper foundation?

THE COURT: I haven't paid any attention to the foundation. I think it is wholly immaterial.

MR. SPENCE: Very well.

68 Q. Does the Riverton Uranium Corporation assert any rights in the Rim Group of claims by virtue of Defendant's Exhibits 5 and 6?

MR. NICHOLAS: Object to the question as already asked and answered. He has already stated how he asserted his rights.

THE COURT: Sustained.

(Exception allowed.)

69 Q. With respect to Exhibit 6, Mr. Dilling?

MR. NICHOLAS: Same objection.

THE COURT: Sustained.

(Exception allowed.)

(THEREUPON, PHOTOSTATIC COPY OF REVISED AGREEMENT DATED SEPTEMBER 7, 1955, BETWEEN MOUNTAIN MESA AND SAN JUAN WAS MARKED DEFENDANT'S EXHIBIT NO. 7 FOR IDENTIFICATION.)

70 Q. I hand you an instrument marked on the back Defendant's Exhibit 7 for identification and ask you to state what that is.

A. Defendant's Exhibit 7 is a true photostatic copy of a revised agreement dated September 7, 1955, by and between Mountain Mesa Uranium Corporation and San Juan Uranium Exploration, Inc., concerning certain uranium and mineral mining claims located in Fremont County, Wyoming, including the 42-claim Rim Group, this agreement also being on record with the Fremont County Clerk and Ex Officio Registrar of Deeds here at Lander.

71 Q. Does the Riverton Uranium Corporation serve any interest in the Rim Group claims by virtue of Defendant's Exhibit 7?

MR. NICHOLAS: Object to the question as already asked and answered. He has already stated how he makes his claim.

THE COURT: He may answer.

(Exception allowed.)

A. It does, particularly with reference to the third party beneficiary matter which was adjudicated in the United States Court of Appeals in Denver. That is the agreement referred to in that decision.

MR. SPENCE: Defendant offers its Exhibit 7 into

evidence.

MR. NICHOLAS: Object to the offer as incompetent, irrelevant and immaterial and not bearing upon any of the issues in this case before the Court at this time.

THE COURT: Sustained.

(Exception allowed.)

(THEREUPON, CARBON COPY OF ASSIGNMENT OCTOBER 1, 1955, WAS MARKED DEFENDANT'S EXHIBIT NO. 8 FOR IDENTIFICATION.)

72 Q. I hand you a document marked Defendant's Exhibit 8 and ask you to state to the Court what that is.

A. Defendant's Exhibit 8 is an original carbon copy of an assignment dated October 1st, 1955, with Charles M. Coleman of Chicago, County of Cook, and State of Illinois, as assignor, assigning all right, title and interest to Riverton Uranium Corporation of certain uranium and mineral mining claims in the Gas Hills area of Fremont County, Wyoming, including the 42-claim Rim Group, this document the original of which is also on record with the Fremont County Clerk and Ex Officio Registrar of Deeds here at Lander.

73 Q. Does Riverton Uranium assert any interest in the Rim Group claims by virtue of Defendant's Exhibit 8?

A. It does, yes.

74 Q. In what way?

A. As direct assignor from Mr. Coleman.

75 Q. Who was a defendant in this action?

A. I don't really know whether he is or not. Yes, I believe he is.

76 Q. Yes. Do you know of your own knowledge whether the Rim Group people had knowledge of the existence of Defendant's Exhibit 8?

MR. NICHOLAS: Objected to as irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

77 Q. Do you know whether the Rim Group people had knowledge of the existence at the time of the entry of the order of this Court in January of 1957, as to the existence of Defendant's Exhibit 8?

MR. NICHOLAS: Objected to as calling for a conclusion of the witness, irrelevant and immaterial.

THE COURT: You mean actual knowledge or constructive? I suppose as constructive it is on record.

MR. SPENCE: Yes.

THE COURT: I am asking you.

MR. SPENCE: I will re-phrase my question.

78 Q. Do you know whether or not the Rim Group people had -- strike that, Mr. Reporter.

Had you had any discussion with the Rim Group people which in any way dealt with Defendant's Exhibit 8, such conversation or discussion existing or having taken place prior to the entry of the order of this Court in January of 1957?

MR. NICHOLAS: Objected to as already asked and answered.

THE COURT: He has already answered it.

79 Q. And your answer was --

A. Yes.

80 Q. With respect to Defendant's Exhibits 5, 6 and 7, did you have occasion to have any conversation with respect to those instruments represented by those exhibits with the Rim Group people prior to the entry of the order of this Court in January of 1957?

A. Just a moment, Mr. Spence. Truthfully, I don't remember just exactly which ones those were. 5, 6 and 7, you say?

81 Q. Yes. I will hand you them to refresh your memory.

A. As to Defendant's Exhibit 5, no. As to Defendant's Exhibits 6 and 7, yes.

82 Q. When was that conversation held respecting Defendant's Exhibits 6 and 7?

A. I am quite sure my first conversation would be with Mr. Nicholas on December 8th, 1955, at which time --

83 Q. Where was that discussion?

A. As I stated, it was in his office at Lander, at which --

84 Q. Who was present?

A. As I recall, Mr. Nicholas was present and, if I am not mistaken, Mr. Ralph Thurston of Lander was there. I possibly could be wrong on that. I do remember -- my main conversation

was with Mr. Nicholas. My memory needs a little refreshing on that, frankly.

85 Q. Would you state to the Court what you said to Mr. Nicholas with respect to Exhibits 6 and 7?

A. With respect to Exhibits 6 and 7 I outlined to Mr. Nicholas at that time -- Mr. Nicholas, incidentally, was very much displeased with Mountain Mesa Uranium Corporation on that occasion, and at that time I went into considerable detail concerning our grievances with that corporation and in that connection went into considerable detail with Mr. Nicholas as to the nature of the rights we claimed, which, of course, included a discussion of those two documents.

86 Q. Did you at that time have any conversation with him with respect to Exhibit 8?

MR. NICHOLAS: Objected to as already asked and answered.

MR. SPENCE: I think he said he had, but he didn't say when.

THE COURT: The question has been asked and answered.

87 Q. When did you have a discussion with Mr. Nicholas with respect to Exhibit 8?

A. As I stated, on December 8 I had a discussion with him and at that time I told Mr. Nicholas that Mr. Coleman had assigned his rights to Riverton Uranium Corporation and I also pointed out at that time that we had attempted in every way

possible to keep innocent third parties from becoming involved by recording our rights in great detail on the mining records of Fremont County, including these documents.

88 Q. By "innocent third parties" whom do you mean?

A. Anyone that might be disposed to walk into what we considered might be a booby trap.

89 Q. Would that include the Rim Group?

A. I didn't consider that Mr. Nicholas or his group came within that category at that particular moment, because of the fact that he and I were discussing it personally. I didn't feel that he would have to inspect the mining records unless he so desired.

MR. SPENCE: At this time the defendant re-offers his Exhibits 6, 7 and 8 into evidence.

MR. NICHOLAS: Same objection, Your Honor.

THE COURT: Same ruling.

(Exception allowed.)

MR. SPENCE: May we at this time have a few minutes recess, Your Honor? We would like to discuss this matter in some detail outside of the court room.

THE COURT: The Court will be in recess until 2:00 o'clock.

(Thereupon, a recess was taken, at 12:15 o'clock p.m., until 2:00 o'clock p.m., of the same day, at which time the hearing was resumed as follows:)

KIRKPATRICK W. DILLING,

the witness under examination at the time of the taking of the recess, resumed the witness stand and continued his testimony, as follows:

(THEREUPON, COPY OF LEASE AGREEMENT AUGUST 1954, BETWEEN RIM GROUP AND METALLICS UNLIMITED, WAS MARKED DEFENDANT'S EXHIBIT NO. 9 FOR IDENTIFICATION.)

DIRECT EXAMINATION (Continued)

BY MR. SPENCE:

90 Q. You are the same Mr. Kirkpatrick Dilling who has previously been sworn and has testified in this matter this morning prior to recess for lunch?

A. Yes, sir.

91 Q. I call your attention to Defendant's Exhibit No. 9, the same being an exhibit attached to the answer of Mountain Mesa Uranium Corporation filed in this cause on April 21st, 1956, and ask you what that is.

A. Defendant's Exhibit No. 9 is a copy -- I might say an undated copy, of the lease agreement entered into in August 1954, I believe, by and between various owners of the Rim Group claims and Metallics Unlimited, a partnership composed of Alfred J. Pouch and Ralph H. Thurston, referring, of course, to the Rim Group claims, the original of this agreement also being a matter of record in the files of the County Clerk and Ex Officio Registrar of Deeds for Fremont County here at Lander.

92 Q. Would you state whether or not the chain of title to the Rim Group properties asserted by the Riverton Uranium Corporation to the Rim Group claims includes this exhibit?

A. It does.

93 Q. Aside from the purported default that has been entered here, would you state whether or not to your knowledge this agreement, this Exhibit 9, is in full force and effect today?

A. It is.

MR. NICHOLAS: Pardon me. Ask that the answer be stricken and object as incompetent, irrelevant, immaterial, no bearing on the issues in this cause and calling for a conclusion of the witness.

THE COURT: Oh, he has answered. It may stand.

(Exception allowed.)

MR. SPENCE: We might add one further question with respect to that.

94 Q. You might state whether or not you have examined the mining records of Fremont County with respect to this agreement.

A. Yes, I have.

95 Q. How did you happen to inspect those mining records?

MR. NICHOLAS: Objected to as irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: We offer in evidence Defendant's Exhibit 9.

MR. NICHOLAS: We object to the same for the reason the

same is incompetent, irrelevant and immaterial and has no bearing on the issues before the Court at this time.

THE COURT: That is probably true, but they claim it is relevant in the chain of title. It may stand. It may be received.

(THEREUPON, DEFENDANT'S EXHIBIT NO. 9 FOR IDENTIFICATION WAS RECEIVED IN EVIDENCE.)

(THEREUPON, DECLARATION OF INTEREST DATED OCTOBER 10, 1955, SIGNED BY CHARLES M. COLEMAN WAS MARKED DEFENDANT'S EXHIBIT NO. 10 FOR IDENTIFICATION.)

96 Q. Mr. Dilling, I hand you Defendant's Exhibit No. 10 and ask you to state to the Court what that is.

A. Defendant's Exhibit No. 10 is the original of a declaration of interest dated October 10, 1955, signed by Mr. Charles M. Coleman and acknowledged before a notary public in Cook County, Illinois, which appears at book 144 of Fremont County Mining Records as being recorded in that book, this declaration of interest being with regard to the Rim Group claims and other claims located in the Gas Hills area of Fremont County, Wyoming.

97 Q. Can you state what the purpose of that instrument is?

MR. NICHOLAS: Objected to as calling for a conclusion of the witness.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: We offer in evidence Defendant's Exhibit

No. 10.

MR. NICHOLAS: Object to the offer on the grounds it is incompetent, irrelevant, immaterial and self-serving.

THE COURT: Sustained.

(Exception allowed.)

(THEREUPON, PHOTOSTATIC COPY OF ASSIGNMENT FROM SAN JUAN TO RIVERTON URANIUM WAS MARKED FOR IDENTIFICATION DEFENDANT'S EXHIBIT NO. 11.)

98 Q. I hand you an instrument marked for identification Defendant's Exhibit 11 and ask you to state to the Court what that is.

A. Defendant's Exhibit 11 is a photostatic copy of the executed original of the assighment from San Juan Uranium Exploration, Inc., a Colorado corporation, to Riverton Uranium Corporation, a Nevada corporation, recorded in the Fremont County Mining record at book 161 at page 364 and constitutes an assignment of all right, title and interest held by San Juan Uranium Corporation --

MR. NICHOLAS: Just a moment. We will object to volunteering on the part of the witness.

THE COURT: He may proceed.

A. -- constitutes an assignment of all right, title and interest from San Juan Uranium Exploration, Inc., to Riverton Uranium Corporation of its interest in certain uranium and mineral mining claims, including the 42 Rim group claims.

MR. SPENCE: We offer in evidence Defendant's Exhibit 11.

MR. NICHOLAS: Object to the offer on the grounds it is incompetent and irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

99 Q. Now, Mr. Dilling, again calling your attention to Defendant's Exhibits numbered 5, 6, 7, 8, 9, which has been admitted, 10 and 11, would you state to the Court whether or not these exhibits are the exhibits through which the Riverton Uranium asserts its chain of title to the Rim Group claims, the subject of this action?

A. They are.

MR. SPENCE: At this time, may it please the Court, --

THE WITNESS: Let me say, with one exception, Mr. Spence, and that is this: That there was an assignment which is of record -- and I don't think there is any dispute about it -- from Metallics Unlimited to Mountain Mesa Uranium Corporation under this Defendant's Exhibit 10, which is in evidence. That one document is missing. That would also form a portion of the chain of title along with these other exhibits.

MR. SPENCE: If the Court please, we re-offer on behalf of the defendant its Exhibits Nos. 5, 6, 7, 8, 10 and 11, and state at this time that the purpose of the last stated exhibits is to show, together with this witness' testimony, that the

1 Riverton Uranium Corporation, the defendant herein, holds the
2 sole and exclusive mining rights to the Rim Group properties by
3 virtue of an unbroken chain of title represented by these
4 exhibits; that the only cloud upon this chain of title, unbroken
5 and undisputed as of the records of this county, is the default
6 order which this defendant in this action is proceeding to seek
7 to vacate.

8 MR. NICHOLAS: We will object to the offer of the ex-
9 hibits, being incompetent, irrelevant and immaterial.

10 THE COURT: Sustained.

11 (Exception allowed.)

12 MR. SPENCE: To the ruling of the Court the defendant
13 offers to prove by the introduction of these exhibits last
14 mentioned that said exhibits constitute an unbroken chain of
15 title from the Rim Group owners, the plaintiff in this cause,
16 to the defendants in this action but for the default order,
17 which the defendant in this proceeding is seeking to set aside.

18 MR. NICHOLAS: If the Court please, we will object to
19 the offer, as the material therein being incompetent, irrelevant
20 and immaterail, not tending to prove and insufficient to prove
21 the offer.

22 THE COURT: Sustained.

23 (Exception allowed.)

24 100 Q. Mr. Dilling, directing your attention to the months
25 of August, September, October and November of 1956, do you know

1 whether or not Mountain Mesa conducted an exploratory operation
2 on the Rim Group's during that period?
3 A. They did, a very extensive exploratory program.
4 101 Q. To your knowledge, Mr. Dilling, have the Rim Group
5 owners ever shown good and merchantable title in these claims?
6 MR. NICHOLAS: If the Court please, we will object to
7 the question as calling for a conclusion of the witness.
8 THE COURT: It doesn't mean anything to me, counsel. I
9 don't know what you have in mind.
10 MR. SPENCE: I will strike the question and again refer
11 to it in just a minute.
12 102 Q. With reference to the underlying lease agreement,
13 which is Exhibit 10, the Metallics Unlimited lease which has
14 been introduced and accepted into evidence, Mr. Witness, origin-
15 ally entered into by the Rim Group owners and Metallics Unlimited,
16 to your knowledge, have said owners, the Rim Group, ever conveyed
17 title to the lessees thereunder?
18 A. They have not.
19 MR. NICHOLAS: If the Court please, we will object to
20 the question as being incompetent, irrelevant and immaterial.
21 THE COURT: He may answer.
22 MR. SPENCE: Overruled?
23 (Exception allowed.)
24 THE WITNESS: Did you get my answer, Mr. Reporter?
25 (The last answer was read by the Reporter.)

103 Q. Do you know, Mr. Witness, if records exist presently in the possession of Mountain Mesa which can be used in the defense of this lawsuit?

MR. NICHOLAS: If the Court please, we will object to the question as being irrelevant and immaterial.

THE COURT: He may answer yes or no.

(Exception allowed.)

A. They do.

104 Q. Are these records detailed records, I might say, showing the exact nature of the mining operations conducted by Mountain Mesa Uranium Corporation on the Rim Group properties presently available to the Riverton Uranium Corporation?

A. Not as of this date, but they will be in a very few days.

105 Q. What steps have you taken to obtain these records?

A. We have secured an order under Rule 34 of the Federal Rules of Civil Procedure in cause No. 3966 Civil in the United States District Court for the District of Wyoming, whereby the Mountain Mesa Uranium Corporation has been ordered on or before April 5, 1957, to produce all of the records in its possession for inspection and copy relating to any and all kinds of mining operations, anything pertaining to these properties, including the Rim Group of claims.

MR. NICHOLAS: Just a moment, if the Court please, we will object to any volunteering on the part of the witness.

THE WITNESS: Excuse me.

(THEREUPON, THREE ORDERS ENTERED BY U.S. COURT IN CAUSE NO. 3966, WERE MARKED DEFENDANT'S EXHIBIT NO. 12 FOR IDENTIFICATION.)

106 Q. I hand you Defendant's Exhibit 12, consisting of five typewritten pages, together with a notice from the Clerk of the Federal District Court from Cheyenne, and ask you to state what that exhibit is.

A. Defendant's Exhibit 12 includes--let me say Defendant's Exhibit 12 consists of three orders -- or original carbon copies of three orders entered by the United States District Court for the District of Wyoming in Cause No. 3966 Civil, and the second of those three orders in Defendant's Exhibit 12 is the order about which I just spoke concerning the production, inspection and copying of documents relating to these properties that are in the possession of Mountain Mesa Uranium Corporation. The first page of the exhibit consists of the notice of the order forwarded by the Clerk, Honorable Capitola G. Allison.

MR. SPENCE: We offer into evidence Defendant's Exhibit No. 12.

MR. NICHOLAS: Object to the offer, the same being incompetent, irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

107 Q. Has any date been set for the inspection and copying of these records of Mountain Mesa?

A. They have.

108 Q. What date is that?

A. April 5, 1957.

109 Q. If this Court sees fit to vacate the default order filed herein, will these facts obtained by Riverton Uranium Company in the inspection of the documents and records and books of the Mountain Mesa Uranium Corporation become available for and be presented to this Court in a trial of this cause on its merits?

MR. NICHOLAS: If the Court please, we will object to the question as being speculative and calling for a conclusion of the witness.

THE COURT: Sustained.

(Exception allowed.)

110 Q. I think you have previously stated that these facts and records are available after this Court order is undertaken?

A. That is correct.

111 Q. But they are not available at this time?

A. Not as of this date, no.

112 Q. And do you have any other facts or information with respect to the operations of Mountain Mesa Uranium Corporation with respect to these Rim Group properties other than what can be obtained by this order?

A. We do.

113 Q. Are those facts consistent with a meritorious defense

in this matter?

MR. NICHOLAS: If the Court please, we will object to the question as calling for a conclusion of the witness.

THE COURT: Overruled. He may answer.

(Exception allowed.)

A. They are. They would consist of the depositions of the officials of San Juan Uranium Exploration, Inc., which corporation for a time conducted the mining operations on the Rim Group of Claims. It would also consist of the evidence which could be obtained by testimony of the officials of Mountain Mesa Uranium Corporation, particularly a repetition of some of the testimony which is already in the record in the Federal Court proceedings concerning operations conducted on these properties, including the Rim Group of claims.

114 Q. Have those depositions been taken as of this date?

A. The depositions have been taken but not with respect to the issues in this case.

115 Q. Will those depositions be taken in the event this Court deems fit to set aside this default order?

A. They certainly will.

MR. NICHOLAS: If the Court please, move the answer be stricken and object to the question on the ground it is speculative and calls for a conclusion of the witness.

MR. SPENCE: May it please the Court, we would like to make ourselves clear at this time with respect to what we are

1 attempting to do and show by these questions. As we have prev-
2 iously indicated, the chain of title of this defendant comes
3 through Mountain Mesa and the only way that these plaintiffs
4 can prevail in this action is to show that that base lease in
5 evidence has been in some way defaulted either by the lessess or
6 the assignees of the lessees. The assignees of the lease being
7 Mountain Mesa Uranium Corporation and then right down throgh
8 the chain of title shown by these other exhibits which have
9 not been introduced to the present defendant. Unless the Rim
10 Group owners can show a default there by Mountain Mesa, they
11 cannot prevail in this action. That is the purpose of this
12 action, to determine whether or not the default exists, and if it
13 doesn't exist then the plaintiffs cannot prevail under the terms
14 of that lease agreement.
15 Now, since we take our title through Mountain Mesa and
16 Mountain Mesa is the one who is alleged to have defaulted in the
17 matter, the meritorious defense that we must present to this
18 Court, since Mountain Mesa has now cut us loose from their
19 coat tails, is based entirely upon the facts which we can obtain
20 from Mountain Mesa.
21 Now, we know those facts exist. We know that those allega-
22 tions have been made in this Court under the sworn statement of
23 the parties involved, but those facts are not available to us
24 for presentation at this hearing today, and we can only obtain
25 them by a proper discovery action. One is presently pending and,

as shown by Exhibit 12, an order exists by which these defendants can obtain that information to present to this Court. Likewise, depositions of Mountain Mesa must be taken to present to this Court to determine whether or not a meritorious defense -- or whether or not a default has persisted.

Now, in addition to that, these parties must show that they aren't in default themselves, and, finally, they must show that if there was a default on the part of Mountain Mesa, that that default hasn't been waived under Wyoming law, which we will quote to the Court shortly and which I think the Court is well aware of.

Now, all of these facts lie completely beyond our control, and I don't believe that the Court upon the facts would state or think that the defendant Riverton Uranium Company hasn't used full diligence in the preliminary steps necessary to obtain that evidence for presentation here. The only purpose, then, of our questions to Mr. Dilling with respect to whether or not that evidence would be made available was to show that we are using our best efforts to obtain that evidence, and once it is obtained the full amount of the discovery will be presented in this case for a meritorious defense of this matter.

Now, we are in the very peculiar and unfortunate position of not having evidence of that nature presently available which we can present to this Court on this hearing so that this Court at this time may determine whether or not we have a meritorious

defense.

For that, among other reasons mentioned, we will, of course, at the conclusion of what we have to offer today ask for a continuance of this hearing until those discovery matters have been completed so we can present them to this Court, but we want this Court to know at this time that they are available, that they will be made available to this defendant and they will be presented to this Court as soon as we have them in our possession, including the depositions of the officials of Mountain Mesa, as the witness has indicated.

There is one more document, may the Court please, which I want to have in the record, and I will take just this time to get it in.

(THEREUPON, COPY OF ANSWER OF RIVERTON URANIUM CORPORATION, IN CAUSE NO. 4041, CIVIL, U.S. DISTRICT COURT, WAS MARKED DEFENDANT'S EXHIBIT NO. 13 FOR IDENTIFICATION.)

BY MR. SPENCE:

116 Q. I hand you Defendant's Exhibit 13 and ask you to state to the Court what that is.

A. Defendant's Exhibit 13 is an original carbon copy of the answer of Riverton Uranium Corporation filed in Cause No. 4041 Civil in the United States District Court for the District of Wyoming, in the matter of Mountain Mesa Uranium Corporation, plaintiff and counter-defendant, versus Riverton Uranium Corporation, defendant and counter-plaintiff. I might say that a

counter-claim is also attached which has no particular bearing upon this matter. The answer, of course, involves the Rim Group claims involved in this matter.

MR. SPENCE: We offer in evidence Defendant's Exhibit 13.

MR. NICHOLAS: Objected to as incompetent, irrelevant and immaterial.

THE COURT: Sustained.

(Exception allowed.)

MR. SPENCE: You may cross-examine, counsel. I am a little loathe and somewhat embarrassed to state this to the Court, but I have a very natural calling which I cannot neglect or ignore a minute longer.

THE COURT: You may be excused.

MR. SPENCE: Thank you.

(There was a short pause in the proceedings.)

CROSS-EXAMINATION

BY MR. NICHOLAS:

117 Q. Mr. Dilling, in your conversations with me last spring did you not on at least one and possibly more occasions tell me there was no question in your mind at that time but what Mountain Mesa had substantially defaulted in its lease with the Rim Group?

A. I stated at that time, Mr. Nicholas, and I also stated it in writing -- I am thinking particularly of a letter I wrote

you on March 27, 1956 -- that to tie up the property in litigation over an extended period was a very stupid thing; that I didn't think either side had a walk-away under the circumstances that then existed; that there had been a very substantial amount of money spent on the property by Mountain Mesa and by San Juan Uranium, and it was a case that ought to be settled and somebody ought to start mining on the property. That is what I told you.

118 Q. Now, will you please answer my question. Will the Reporter please repeat the question to the witness?

(Thereupon the pending question was read by the Reporter.)

A. I did not state that Mountain Mesa had substantially defaulted. I indicated to you,--

119 Q. I didn't ask you that.

A. -- Mr. Nicholas, that I thought Mountain Mesa's tactics were reprehensible, but I did not state that they were in substantial default.

120 Q. Now, will you please answer my question?

A. I believe I have answered your question, Mr. Nicholas.

MR. NICHOLAS: Will the Reporter please read the question to the witness again?

MR. SPENCE: We object on the grounds, Your Honor, that the question has been asked and answered. We are not happy to do so, but we would like to interpose an objection, too, on the grounds that it is immaterial as to what Mr. Dilling might

or might not have said.

THE COURT: Overruled. He may answer.

(Exception allowed.)

MR. NICHOLAS: Will you again read the question to the witness, please, Mr. Reporter?

(The pending question was re-read by the Reporter.)

A. Mr. Nicholas, I can't answer that question --

THE COURT: Answer it yes or no.

A. I'll say no.

121 Q. Now, Mr. Dilling, you were referred to certain records, and so forth, that the Mountain Mesa Exploration may have in its possession. How do you know that there are any such records which Mountain Mesa has pertaining to any exploration or any work done on the Rim Group claims?

A. March 8, 1957, I was present in person at an extended hearing which was held in Cheyenne, Wyoming, before Honorable Ewing T. Kerr, United States District Judge, at which time Mountain Uranium Corporation was represented by counsel. The transcript of the record in that case, the statements made by counsel, the statements made by Mr. English, Mr. England and the other officials who are with the Mountain Mesa Uranium Corporation, are to the effect that they have those records, they are in their possession. They have so stated under oath, and, as a matter of fact, on a previous hearing on November 14, 1956, at another hearing held before Judge Kerr, Mr. English testified

that at that particular time they had two complete drilling rigs working on these properties, including the Rim Group, and that was one reason they wanted the restraining order, so that this exploratory program being conducted on these properties could continue, presumably without interruption.

122 Q. So, you have no personal knowledge of those records at all; is that correct?

A. I have the personal knowledge that the officials of Mountain Mesa say they have, and the Court ordered them to be produced.

123 Q. You have no other knowledge of them; is that correct?

A. Of course, I have never seen them.

124 Q. Now, do you have any other knowledge, personal or direct, as to what those records may or may not contain, if there are such records?

A. I can certainly state this: that there are --

125 Q. Now, I am asking you --

A. You mean have I seen the records?

126 Q. I am asking you if you have any personal or direct knowledge of those records, of their existence or what they may or may not contain, or is all of your knowledge based upon what someone has told you?

A. It is based on what the officials of the company have told me and what has been testified under oath in a matter of public court record.

1 MR. NICHOLAS: That is all I have.

2 MR. SPENCE: That is all.

3 (The witness left the stand.)

4 MR. SPENCE: At this time, may the Court please, the
5 defendant and movant in this case rests, subject, however, to
6 the testimony of Mr. Albert W. Dilling, who is presently in
7 Chicago, who is a counselor at law and is engaged and entrusted
8 with the defense of a criminal matter in the City of Chicago
9 at this time, and subject, further, to the presentation to this
10 Court sometime after April 5th, 1957, of all of the facts per-
11 tinent to a meritorious defense of this action by this defendant
12 through Mountain Mesa from facts obtained b/ the discovery and
13 depositoon of facts and testimony from the records of Mountain
14 Mesa and its officials, which evidence should be available to
15 this Court shortly after April 5th, 1957.

16 Subject to those two elements of testimony which must be
17 presented to this Court before the Court can determine completely
18 in its own mind whether or not we have a meritorious defense, we
19 rest, and at the same time we should like to move for leave to
20 file briefs in this matter on the numerous facets of the law
21 which are supported by the evidence in this case and the matters
22 on record here, which we feel the Court should be fully advised
23 of before a decision of this import is made; and, finally, a
24 motion at this time made humbly asking the Court for a contin-
25 uance of this entire proceeding until after April 29th, 1957,

namely, after the conclusion of Civil Cause No. 9066 and 4041, the same being Civil Causes in the District Court for the District of Wyoming, Federal District Court, in which there is concurrent jurisdiction over numerous aspects of the causes and matters in consideration before this Court, and which hearing and determination of it will have a great deal of bearing upon the defenses in addition presented in this matter.

THE COURT: Do you have any objection to counsel's motion?

MR. NICHOLAS: I beg your pardon?

THE COURT: Do you have any objection to counsel's motion?

MR. NICHOLAS: To the last two motions? I was assuming they weren't properly before the Court. Yes, I do, definitely. I was trying to think of some way to argue them more properly all at the same time, particularly the fact that I want to point out the cogency of having this hearing and getting a ruling today. In principle, after the lease -- after the lawsuit was settled between Mountain Mesa and the Rim Group, and in fact, to cause a settlement more definitely the claims were leased to Rocket Mining Corporation, and they have gone into possession of the Rim Group claims. The Rocket Mining Corporation has associated with it two other corporations, one called Uranium Research Development Company, and the other called Western Uranium Corporation. Incidentally,

all this is shown in my affidavit that I filed with the motion, togehter with the settlement agreement, together with the copy of the lease. The lease provides that those corporations must take actual possession of those claims and commence their exploration activities on those claims by April 1st, 1957, and that is made an express condition of that lease contract. It also provides that thereafter they must continuously and with reasonable diligence prosecute that exploration. The contract also provides that those corporations must drill a minimum of 40,000 feet of exploratory holes on those 42 claims this year, that is, as I recall, before December 1st, 1957. It also provides that on December 1st, 1957, in order to keep that lease in force they must pay a minimum royalty payment of $10,000 to the Rim Group. Giving them only from April 1st to December 1st hardly gives them time to drill that total 40,000 feet of holes, but the principal thing is the Rocket Mining Corporation is carrying the burden of the expense of that enterprise as it is presently set up; that they have undertaken and have negotiated a loan from the Defense Minerals Exploration Administration of the federal government in the sum of $85,000, which loan, together with the matching funds, represent the only monies they have available for the exploration of this Rim Group property, and in the event there is not some disposition made here today -- first, let me go further: The finalities of that negotiation of that DMEA loan were undertaken last Monday when

1 the field team of the Administration came to Lander from Denver
2 to examine the court house records, and so forth, to satisfy
3 themselves in so far as the Government is concerned, as to the
4 title of the outfit receiving the loan. They have approved the
5 title and told me personally that they had approved the title
6 except forthis pending motion to vacate judgment; that, so far
7 as they were concerned, so long as this motion to vacate judg-
8 ment is pending oris not disposed of in favor of the Rim Group
9 that constitutes a jeopardy of title such that they cannot and
10 will not approve the extension of that loan to Rocket Mining
11 Corporation. If the loan is not extended and this is the only
12 thing holding it up, so far as we know, if that loan is not
13 extended then by virtue of the contract and by virtue of the
14 other circumstances I have just related, with all of which I am
15 very personally familiar, then Rocket will quite probably, in
16 fact, almost certainly, default in their lease, and it places
17 the Rim Group, as well as other corporations, in almost an in-
18 comprehensible position. I have no idea what their rights and
19 liabilities as against each other would be. That situation alone
20 is so cogent that we would, as strongly as we might, resist any
21 continuance of this hearing for any purpose.
22 THE COURT: You may proceed. Do you have anything to
23 offer?
24 MR. NICHOLAS: Yes. Now, I am going to go through
25 this a little more completely, and some of this will be things

1 within the Court's knowledge, in order to fill out the record,
2 by reason of the fact that I have already been advised by Mr.
3 Spence that the defense intends to appeal this order if they
4 receive an adverse ruling today.
5 In order to give the Court a proper idea of our theory,
6 I will refer, first, to the law that we have in the matter. The
7 Court is, of course, familiar with the rules and the general
8 tendency of the Courts to usually try matters on the merits,
9 but we feel in this case that really doesn't have too much bear-
10 ing by reason of the fact that this defendant is not asking to
11 try the matter on its merits as between them. They are asking
12 that the Court devise a situation which will force Mountain Mesa
13 Uranium Corporation and the Rim Group to try the matter on the
14 merits between them. As they pointed out, they have no personal
15 knowledge, no direct knowledge, and one can only conclude
16 they are without knowledge as to what the facts are that exist
17 between Mountain Mesa and the Rim Group. They have no know-
18 ledge at this time whether they have a meritorious defense,
19 and they have just stated that they intend to set up some sort
20 of a fishing expedition by virtue of this United States District
21 Court order on April 5th to try to determine if there might be
22 a meritorious defense. At this time they have no knowledge of it.
23 THE COURT: Are you arguing this matter now?
24 MR. NICHOLAS: Yes.
25 THE COURT: You have nothing to present to the Court

in the way of record on this matter?

MR. NICHOLAS: Yes, we do.

THE COURT: Well, let us get to that.

MR. NICHOLAS: You want that first? In that event, we will have Mr. Spence sworn.

THE COURT: I am assuming that Mr. Spence will have the opening and closing on the argument.

MR. NICHOLAS: Pardon me. We would like to call Mr. Spence to the witness stand, if the Court please.

G. L. SPENCE,

having been called as a witness by and on behalf of the plaintiff, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. SMITH:

127 Q. Your name is G. L. Spence?

A. That is correct.

128 Q. And you are an attorney by profession?

A. That is right.

129 Q. When were you retained to enter the service of Riverton Uranium Company, the movant in this action?

A. Thef exact date I don't recall, but it was shortly after the filing of my -- if my memory serves me correctly, of the action by the plaintiff in this matter.

130 Q. To refresh your memory, Mr. Spence, I hand you a court

file in Civil No. 9062. Will you please examine that?

A. Yes. In further answer of the last question put to me by counsel, I think it is proper to state that from the outset of the major operations of the Riverton Uranium Company in this county and its interests here we have represented them and have been retained by them as their counsel, which was prior to the time of the filing of this action. When this action was filed, then we necessarily became interested in it as their counsel, and just exactly when we were instructed to proceed in it I can't say.

131 Q. You did receive a copy of the petition and the summons?

A. I presume so.

132 Q. Did you enter an appearance in this cause?

A. We did. That appearance, I believe, was entered by Spence and Hill through my partner, Frank P. Hill.

133 Q. Mr. Hill and you are practicing law as a partnership?

A. That is correct.

134 Q. Were you so practicing as a partnership at the time of the institution of this cause on March 20th, 1956?

A. That is right.

135 Q. Now, referring, Mr. Spence, to the period from May 1956 through December of 1956, you were counsel of record for Riverton Uranium Corporation, were you not?

A. If that is what the record reveals, that is the fact. I don't recall the specific dates personally, counsel.

136 Q. You were counsel on March 20th, 1956, when this suit was filed. You were still counsel of record on December --

A. Yes, I have been counsel of record for the Riverton Uranium Company from the date of the filing of the action to the present time continuously and without a break.

137 Q. I refer now to Exhibit "A", which is attached to an affidavit filed in this file by W. J. Nicholas on the 22nd day of March, 1957, which appears to be a mimeographed docket form of the June calendar for the District Court of Fremont County, Wyoming. Did you ever receive a copy of that calendar?

A. I assume that we did.

138 Q. Would you say that you did?

A. I would assume that we did.

139 Q. Do you recall specifically?

A. No, I don't recall specifically.

140 Q. This civil cause was set for hearing in that order, was it not, on that docket?

A. Well, I don't know. I assume that that is the case. This exhibit "A" appears to be the June calendar for this Court and it appears in the order that you have underlined in red ink.

141 Q. Now, on this occasion civil case No. 9062 being therein set for the hour of 9:30 o'clock a.m. on the 14th day of June, 1956; is that correct?

A. That is correct.

142 Q. Did you appear at that hour and on that date in this court room in answer to that docket call?

MR. SPENCE: I object to the question, Your Honor, on the grounds that my appearance in this matter at that particular time would be completely immaterial to any of the issues in this case. This is a matter taking place in June. What we are concerned with is a matter that took place on December 7, 1956.

THE COURT: I think the question is immaterial, Mr. Smith, for the simple reason that an order had previously been entered in May vacating that setting, so I doubt if anything is material on that point.

MR. SMITH: I beg your pardon. Then I am mistaken.

143 Q. Between the time in May of 1956 and up to and approximately the month of August did you have any conversations, personal conversations, either over the telephone or otherwise, with Mr. Nicholas concerning the setting of this case for trial?

A. Not that I can recall.

144 Q. You don't recall him calling you and talking about getting this case set at all?

A. I do not.

145 Q. Referring, now, to Exhibit "B", which is a mimeographed copy of the October calender of the District Court of Fremont County, Wyoming, did you receive a copy of that October calendar?

A. I don't know. I assume I did.

146 Q. Is this Civil Cause No. 9062 set for trial on that docket?

MR. SPENCE: I object to this question on the grounds that it is immaterial as to whether it was set in October. That, too, was vacated for a later date.

THE COURT: Overruled.

(Exception allowed.)

A. The answer to the question is that it appears to be set on October 10, 1956, if this is a true and correct copy of that calendar.

147 Q. At what hour was it set for in that docket?

A. 9:30.

148 Q. Did you appear at the hour of 9:30 a.m. on the 10th day of October at the time of the call of that case for trial in this court room or in this court house?

A. I don't recall if any counsel appeared on that date.

149 Q. I am asking, Did you appear on that date, Mr. Spence?

A. I don't recall if any counsel appeared on that date, including myself.

150 Q. Will you please just answer my question, Mr. Spence? Were you here at that time?

A. I don't recall whether I was here on October 10, 1956, or not.

151 Q. Will you deny that you were here?

A. No.

152 Q. You don't know whether you were here or not; is that correct?

A. That is correct.

153 Q. Did you then later receive an order wherein this case was set for 10:00 a.m. on the 8th day of November?

A. I am not trying to be difficult, counsel, but you are pushing a date out to me in the cold, and I don't recall whether I did or not. I am not quite certain as to exactly what I did a week ago at this specific time, much less October of several years ago -- or a year ago.

154 Q. I hand you the court file of Civil Cause 9062, and, referring to an order filed therein on the 9th day of November, 1956, I ask you, Did you ever receive or your partner ever receive a copy of that order?

A. I don't think so.

155 Q. Do you know?

A. I don't know. I can only state that --

THE COURT: How about the order previous to that?

THE WITNESS: Prior to the hearing today I took great pains in going through all of the files in my possession in the presence of my partner and with his aid and assistance, and we found no copy of that particular order.

THE COURT: How about October 23rd?

156 Q. I want to be sure of your testimony, then, as to this order filed November 9th. Your testimony, then, is that you

1 don't know whether you received that or not; is that correct?

2 A. I can't swear to this Court that I didn't. I can only

3 swear to this Court that I haven't a copy of it in my possession,

4 and to my best knowledge and information none of the documents

5 in connection with this cause that ever came into my possession

6 have been lost.

7 157 Q. Referring to the court record of Civil Cause 9062,

8 and referring to the order filed therein on October 23rd, 1956,

9 I ask you, Did you or your partner, within your knowledge, ever

10 receive a copy of that order?

11 A. I don't know. I didn't check the file for that order.

12 158 Q. Did you appear before the Court in Civil Cause 9062

13 at the -- did you appear before the Court at the hour of 9:30

14 a.m. on October 10th, 1956, in relation to this matter in your

15 representation of Riverton Uranium Corporation?

16 A. On what date, counsel?

17 159 Q. That is October 10th, 1956, at the hour of 9:30 a.m.?

18 A. Counsel, I want to say this to your question: By a

19 specific answer I truthfully can't say whether I did or not.

20 I would like to state that it is my recollection that I did

21 not appear at any time in this court room or the old one on any

22 matters in this case, to the best of my recollection, again,

23 and I can't state whether I did or didn't, truthfully. I can

24 state only to what I can recall, I have made no specific appear-

25 ances in this case except the one on record here, and in further

1 explanation of that conduct on my part --

2 160 Q. May I ask you the questions, please?

3 A. Well, --

4 161 Q. Then, I take it from your statement that you didn't

5 appear before this Court at the hour of 10:00 o'clock a.m. on

6 the 8th day of November in relation to this matter?

7 A. I don't know.

8 162 Q. Again referring to the date, now, of December the 6th,

9 1956, at the hour of 10:00 o'clock a.m., did you appear before

10 this Court in relation to this same matter representing the

11 Riverton Uranium Corporation?

12 A. Subject to my previous answer, I again say I don't know.

13 163 Q. Did you appear here in the court room or were you pre-

14 sent during the trial of the Civil Cause of the Rim Group versus

15 Lawrence Bergsten, which immediately preceded the trial of the

16 Rim Group versus Mountain Mesa?

17 THE COURT: I think you are mistaken, counsel.

18 MR. SMITH: I beg your pardon. It is Bergsten versus

19 Mountain Mesa.

20 164 Q. Did you hear any of that trial? It was the day before,

21 on December 5th, I believe.

22 A. I don't believe so, but I again don't know. These

23 cases are set by this Court usually in the fore part of each month,

24 and my firm is usually in court sometime during the fore part of

25 each month on several occasions on matters to be presented

to this Court. Exactly on what dates of the month that are material in this action that I have appeared in this Court, I can't, from pure recollection, recall with any certainty.

165 Q. The case I am referring to and where I misstated myself was Civil cause No. 9061, which was a cause of Lawrence J. Bertsten versus Mountain Mesa, Civil Cause No. 9062 being the Rim Group versus Mountain Mesa. These two cases were being handled somewhat simultaneously, were they not, Mr. Spence?

A. That I don't know.

166 Q. You don't know anything about either one?

A. I don't know anything about whether they were tried simultaneously or not. I was never consulted or asked about the matter.

167 Q. You were not present, then, on the morning of December 6th at 10:00 o'clock a.m. in this court room when the Court continued the matter for one day until 10:00 o'clock in the morning of December 7th because of the trial of the Lawrence Bergsten case, being 9061?

A. Well, Mr. Smith, I object to the way you phrase that question on the grounds that it assumes something that certainly isn't before this Court in evidence.

168 Q. I am just asking if you were present that morning in court when the Court announced that the Rim Group --

A. I don't know whether the Court announced it or not. It is not properly before the Court in evidence.

169 Q. You were never here and heard an announcement of this Court pertaining to Civil Cause No. 9062?

A. No, I wasn't.

170 Q. On December 7th, 1956, were you present here in the court room at the hour of 10:00 o'clock a.m.?

A. I doubt it. I don't believe so.

171 Q. During that morning of December the 7th, 1956, did you have any conference, or did you have any conference with the district Court, the Honorable Franklin B. Sheldon, concerning civil cause No. 9062?

A. Not that I recall.

172 Q. Were you present in the Judge's chambers at approximately 11:00 o'clock that morning when the Judge received a call from Mr. Nicholas?

A I am sure I couldn't say. I doubt it.

173 Q. Would you say whether or not the District Court at any time during the day of December 7th, 1956, spoke to you concerning your appearance on behalf of Riverton Uranium Corporation in civil cause No. 9062?

A. No. And in further explanation of that ansser I think it is proper to state that throughout this entire proceeding my understanding was that the Hazel group claims, which was 9061, is it not? and the present litigation, which is 9062, were involving some of the same parties and some of the same rights and had correspondingly similar parties, with the exception that

1 9061 did not involve Riverton Uranium. I was instructed by my
2 client with respect to those matters to completely withdraw and
3 not intervene in any way into the Hazel group claim case. I
4 received no instructions of that nature whatsoever with respect
5 to a default, allowing a default or permitting a default to
6 take place in 9062, and during the --
7 174 Q. Just a moment, Mr. Spence. We are far afield from
8 the question I asked you. Mr. Reporter, --
9 A. I would think that counsel would see fit to give a
10 little leniency here to save the embarrassment of my cross-
11 examining myself at a later date to bring out these facts.
12 175 Q. Just answer my questions, Mr. Spence. Will you repeat
13 the last question I asked Mr. Spence?
14 (The pending question was read by the Reporter.)
15 A. My best judgment is that the Court did not. May I
16 step down, Your Honor, and get a notebook? I would like to make
17 some notes.
18 176 Q. Mr. Spence, I did not ask you what you recollected. I
19 asked you a specific question, as to whether or not --
20 A. Specifically, I don't know, Mr. Smith.
21 177 Q. During the day of December the 7th, 1956, did you
22 have any conversations with Mr. Smith or Mr. Nicholas, repre-
23 senting the Rim Group, or Mr. Ed Murane or Mr. Bostwick,
24 attorneys representing Mountain Mesa, concerning --
25 A. What date?

178 Q. December the 7th, 1956, concerning civil cause 9062.

A. To the best of my recollection, no.

179 Q. Mr. Spence, do you recall having lunch with those attorneys, Mr. Bostwick and Mr. Murane, on December the 7th, 1956?

A. I have never had lunch with Mr. Bostwick or Mr. Murane in Fremont County on any date.

180 Q. Perhaps I am not making myself clear. After lunch did you go over and sit down with Mr. Murane and Mr. Bostwick and have a discussion with them after lunch?

A. On what date?

181 Q. December the 7th, 1956.

A. I don't know. I can say this: That on one occasion I saw Mr. Murane and Mr. Bostwick and some people who were otherwise strange to me, and who at that time were introduced to me, who I don't recall and I sat down at the table, and the recollection that I have is that I talked with Mr. Murane with respect to an estate he was probating in Casper and which estate had to be settled in order to quiet a title or obtain a quitclaim deed from the heirs of that estate. That is the extent of my conversation with him, as I recall, and the reason I specifically recall that was because Mr. Murane informed me that he wasn't handling the estate, that Mr. Wehrli was. That is my recollection.

182 Q. Now, Mr. Spence, referring to noon of December 7, 1956, and at this time when you did sit down at this table with these

gentlemen, --

A. I don't think that is in evidence, Mr. Smith, and I won't assume that in answering any questions for you.

183 Q. Are you denying that you sat down at the Fremont Hotel at one of the dining tables with them during the noon hour or shortly after noon of December 7, 1956?

A. I am simply stating that I sat with them in the dining room of the Fremont Cafe once during my residence in this county, on some date. I don't remember whether it was December 7th or some other date this year or last year.

184 Q. Nothing was said to you at that particular time about the trial of civil cause 9062, the Rim Group versus Mountain Mesa?

A. Not that I recall.

185 Q. Could it have happened?

A. It could have happened, yes.

186 Q. You don't recall it?

A. That is correct. My best judgment is that it did not.

187 Q. Mr. Spence, I ask you, At any time prior to December 7, 1956, did you have any knowledge of any kind as to the trial of 9062, when it would be tried?

MR. SPENCE: Would you read the question again, Mr. Reporter?

(The pending question was read by the Reporter.)

A. I am certain I did.

188 Q. How did you know it was going to be tried?

A. I am reasonably certain in my own mind that I received the regularly published monthly docket of this Court, since on each of those dockets I had cases which were set for trial by myself personally and which would be the only means of my knowledge as to when my cases were tried, which I did try. Therefore, with that thought in mind, the setting of this cause on those regularly published monthly dockets certainly would be a matter within my knowledge.

189 Q. You have no other knowledge as to when this case would be tried or of any of these settings?

A. I have no specific recollection with respect to it.

190 Q. Did you discuss this case or your representation of Riverton Uranium Company in reference to this case ever with Mr. Nicholas or Mr. Murane or Mr. Bostwick?

A. I believe I have.

191 Q. Did you on any occasion tell them that you were not interested in this case?

A. No. I have, however, --

192 Q. Did you ever tell anyone that you were not interested in appearing in behalf of Riverton Uranium Corporation at the trial of this case?

A. No.

193 Q. Did you ever, to your best recollection, ever appear at any time at the setting of any portion of this case in behalf of Riverton Uranium Corporation?

MR. SPENCE: Object to the question on the grounds it has been asked and answered.

THE COURT: I think that is true.

(Exception allowed.)

MR. SMITH: That is all.

THE WITNESS: By way of a simple statement, may the Court please, -- I hope the Court will indulge if I ask the questions to myself -- I would like to state, as I started to on direct examination, that I was aware of Riverton Uranium's interest in both the Hazel --

MR. SMITH: Your Honor, I object to this. The counsel is using every chance he has had just to talk about this matter, and surely, if he is going to presume that he sit there and cross-examine himself, I insist that he ask himself questions and answer the questions and not just talk.

THE COURT: Overruled.

(Exception allowed.)

THE WITNESS: Thank you, Your Honor. I have had knowledge since these causes, 9061 and 9062, were instituted -- one being the Hazel Group and the other the present litigation -- that the Riverton Uranium Company claimed an interest in both of these groups of claims by virtue of a chain of title which I was familiar with, having seen the same on the records of Fremont County in examination of related abstracts. I was instructed by my clients, who are the Riverton Uranium Company and whose prin-

1 cipal officers are attorneys at law, that they felt secure in
2 the Hazel Group litigation and felt that we should have no part
3 in that litigation and, therefore, instructed me not to
4 file any answer in it or intervene in it in any way or take part
5 in it in any way, and that they were content to allow their
6 rights which might inure to Mountain Mesa -- or their rights
7 which might come as a result of that litigation, to depend upon
8 Mountain Mesa's ability to defend that action, Riverton Uranium
9 taking their rights in this cause from Mountain Mesa. That
10 was not the case in the other cause, this present litigation,
11 and in this present litigation at the time the thing was filed
12 the principal defendant, the one that was actually cognizant
13 of the facts and had the matter in his possession and control
14 was the Mountain Mesa Corporation. All of our rights in the
15 matter came through Mountain Mesa, and if Mountain Mesa lost
16 their action, then we would lose ours, too.
17 Now, with that thought in mind, and for other considerations
18 which were not entirely understood at that time nor presently
19 by me, and which were of no concern of mine from a legal stand-
20 point in the representation of my clients, I was instructed --
21 or our firm was instructed to file the answer that is on record
22 herein, and that answer includes in its statement the previous
23 statement that I have made under oath to this Court, that our
24 right comes under Mountain Mesa, and I think we were joined for
25 that reason. Mr. Nicholas told me that was the reason we were

joined originally.

Now, I have been very vague in my answers to the questions to counsel for simply one reason: I can't truthfully answer them from a specific recollection from all of the dates and times that he has called to my attention in his questions, but I believe and I am therefore willing to state at this time that during the course of this litigation I was never informed contrariwise that our rights must not -- that our rights in this matter -- I was never informed otherwise that our rights in this matter must always come through Mountain Mesa, and I was content in this entire matter, and so were my clients, so far as their knowledge was concerned, to allow Mountain Mesa to carry the ball until such time as the matter came for trial.

Now, to the best of my knowledge we were never given any notice of the trial of this matter on December 7th. To the best of my knowledge -- and I am willing to represent that we had no actual knowledge of the setting of this matter on December 6th, 1956. There may have been some misunderstanding between myself and parties with whom I discussed this matter in the confusion of the two causes and the Hazel Group claims in which we had no interest and this cause in which we did, or at least in this cause in which we had an interest to assert on the Hazel Group claims and in which we had an interest, but were willing to allow Mountain Mesa to assert it for us. We feel that what has taken place in this case is that Mountain Mesa, without informing us and

1 Riverton -- the Rim Group --

2 MR. NICHOLAS: Your Honor, we will object to his

3 opinion. He is no longer stating facts.

4 THE COURT: Sustained.

5 (Exception allowed.)

6 THE WITNESS: I will state, then, that Mountain Mesa

7 and the Rim Group entered into a settlement agreement without

8 any notice of any nature whatsoever to either myself or any

9 of the agents or officers or servants of the Riverton Uranium

10 Company, and I will state that the record presently reveals that

11 Mountain Mesa is not in default in this matter and that -- or

12 that no default order in the matter has been entered against

13 Mountain Mesa. I will state further to this Court that we had

14 no knowledge that a default order was going to be entered into

15 this matter. We had no knowledge of the oral conversations be-

16 tween this Court, purportedly made between this Court and counsel

17 for the other parties as to a continuance or setting while

18 negotiations were going on for a settlement of the matter.

19 I will state that we had no knowledge whatever that a

20 settlement of this matter was even in the offing and that the

21 entry of the default judgment herein was a complete and utter

22 surprise to all of us.

23 (The witness left the stand.)

24 MR. NICHOLAS: If the Court please, we would like to

25 have a recess for a minute or two if we might.

THE COURT: The Court will be in recess until 3:30.

(Thereupon, a short recess was taken, at the conclusion of which the hearing was resumed as follows:)

MR. NICHOLAS: May it please the Court, in the notice noticing the defendant Riverton Uranium for the hearing on this motion, pursuant to the statute, that notice states that the plaintiff would file affidavits for presentation and consideration and use of the Court at this time, and I did file my own affidavit in this cause which is before the Court, and with that being before the Court, plus the examination of Mr. Spence, all we have left before the Court on this motion is our argument. I am not sure of the Court's procedure in this regard. I had assumed, first, that Mr. Spence had completed his argument and I was undertaking to go ahead with my argument. I will do whatever the Court directs.

THE COURT: You have no further evidence?

MR. NICHOLAS: I have no further evidence.

MR. SPENCE: At this time, may it please the Court, there are certain portions of that affidavit that the movant and defendant in this action would like to strike, and we would like to have an opportunity to make that motion for the record, if the Court please.

THE COURT: Proceed.

MR. SPENCE: We move to strike from the affidavit of W. J. Nicholas filed herein on March 22, 1957, the first full

paragraph appearing on page 2 of said affidavit, which reads as follows:

> "That thereafter, the defendant Mountain Mesa Uranium Corporation by its motion sought to vacate such setting, and such setting was vacated pursuant to order of this Court made May 25, 1956, and filed May 26, 1956, a copy of which order is filed herein;"

together with the previous full paragraph starting on page 1, all of which is completely immaterial, incompetent and irrelevant in this action.

We would like to strike the next full paragraph, the second full paragraph on page 2, on the grounds that it is incompetent, irrelevant and immaterial and contains conclusions of law, contains conclusions of fact.

We would like to strike the last paragraph on the said page 2 for the same said foregoing reasons. With respect to the first two paragraphs on page 3, we move to strike them on the grounds that they are incompetent, irrelevant and completely immaterial to the issues in this matter; that said paragraphs contain conclusions of fact and law which are not competent to be considered by this Court.

With respect to the last paragraph on page 3, which is continued on the first two lines of page 4 of said affidavit, we move for its striking on the same grounds. With respect to the first full paragraph on page 4, the defendant moves to have it

stricken on the grounds that these allegations do not show a regular setting, that they contain hearsay evidence involved with an apparent hearsay conversation with this counsel and the Court. That likewise applies to the last full paragraph on page 4 which is continued on page 5. We move to strike the remainder of this affidavit on the grounds that each paragraph -- and this last part of this motion should be construed as a motion -- a separate motion with respect to each separate paragraph, for the purpose of saving time in making this motion. As to each separate paragraph we separately move to have it stricken on the grounds that it is incompetent, irrelevant, immaterial, contains matter not within the specific knowledge of the affiant, contains hearsay matters, conclusions of law and conclusions of fact.

THE COURT: The motion will be denied.

(Exception allowed.)

MR. SPENCE: At this time I would like to have the opportunity to just make several brief observations to the Court. We would like to have the Court understand and remind the Court that our statements here should be construed in the record as subject -- as not a final argument but merely the statement of a few authorities and a few thoughts on counsel's part to aid the Court at this time, and that we have not rested and are resting subject to the testimony of Mr. Albert W. Dilling, whose testimony can be available by April 5th -- before April 5th; about April 2nd, and that we are resting subject to the obtaining

1 of the evidence which we expect to receive and have available for
2 presentation to this Court, obtained from the discovery order
3 granted by the Federal District Court in the civil causes pre-
4 viously mentioned and the taking of depositions previously men-
5 tioned, and at this same time we are again renewing our motion
6 to file briefs herein. The subjects and the actual authorities
7 that we will present to the Court at this time are not by any
8 means complete, and in a matter of such grave importance as this
9 we feel that the Court should have a full brief on all of the
10 pertinent points involved herein, together with our motion for
11 continuance until after the cause set for hearing in the Federal
12 District Court on April 27, 1957, is disposed of.
13 There is one statement made by counsel for the plaintiff
14 which has cropped up, not only in this action, but its content,
15 its intent and purpose has cropped up in all of the litigation,
16 both here and in the Federal District Court, and that is an
17 attempt on counsel and other counsel involved in other litiga-
18 tion relating to this to prey upon the Court's feeling of its
19 responsibility of rendering justice by indicating to the Court
20 that great loss and great damage will be suffered if the relief
21 sought by the opposing party is granted.
22 Now, Mr. Nicholas has presumptiously indicated to the
23 Court that the movant and defendant here intends to appeal this
24 matter in the event an adverse decision is rendered by this
25 Court. I don't think that is a fair statement to make to any

1 court, and I don't think it is a statement upon which any
2 court should make a decision, and I know from my own experience
3 that this Court does not make decisions on that basis, but
4 nevertheless it is proper for me to call to the Court's attention
5 that this delay, if any, involved is one which was and has always
6 been from the outset of this litigation in the hands and in the
7 complete control of the Riverton Uranium -- or of the Rim Group
8 people, the plaintiff in this action, because they at all times
9 were apprised, as the record here now shows, both by actual
10 notice and constructive knowledge, that we had an unbroken chain
11 of title to these claims, that we claimed them, our rights in
12 them, and that we were vigorously and, quite frankly, very expen-
13 sively asserting that right in the Federal District Court, in
14 this action in the Circuit Court of Appeals, and in one other
15 action.
16 All of this was known to them, yet they saw fit to enter
17 into a settlement agreement with Mountain Mesa Uranium Corporation,
18 which agreement is a part of this file and record, being attached
19 to the affidavit of counsel; they saw fit to enter into that
20 agreement without one further iota of notice to the Riverton
21 Uranium people, and the settlement of that matter was of prime
22 importance to us, since all of our rights were derived through
23 Mountain Mesa. Mountain Mesa knew that, too, and it was a quite
24 sly and interesting little attempt and trick on their part to
25 accomplish here what they have not been able to accomplish in

1 the litigation long standing in the Federal District Court,
2 even before the Circuit Court of Appeals. Had they deemed it
3 proper -- and they should have deemed it proper, I submit --
4 to call in the Riverton Uranium people on that settlement
5 agreement, to even give us notice that settlement agreements
6 were going on, and that the Court was postponing the matter
7 hour by hour while a settlement agreement was going on -- if we
8 had ever been informed of that we could have come in, the matter
9 could have been finally concluded and we could have saved at
10 that time our rights and this litigation would be all over.
11 If there is any delay I think the delay and the blame rests
12 squarely upon the shoulders of this plaintiff, and in all logic
13 and justice and fairness they should not be heard to come to this
14 Court and talk about $85,000 DMEA loans and things of that nature
15 which are completely impertinent and have nothing to do with
16 this cause of action.
17 We believe that the state of this record shows an intro-
18 duction and an offer of proof on our part -- and I might say
19 this, Your Honor, before I go into my next thought: There is
20 one little hint of a thought left in my mind which should be
21 called to the Court's attention. Certainly, if the plaintiffs
22 are right in their belief as to our future action in this case,
23 the remainder of this case, the leaving of this case in this
24 Court's capable hands for an actual trial and adjudication would
25 involve considerably less delay, considerably less time involved,

than an appeal, as they have indicated we might take. I suggest that this matter has never been tried on its merits; that this Court in its own mind at this present time, listening to the arguments of counsel, has no idea as to whether this matter should be prevailed on behalf of the Rim Group or otherwise until the full testimony is presented to him and he has an under- of all the facts, and that a proper adjudication on a meritorious trial of the cause should take place.

Now, we believe that the record in this case shows that we have by way of offer of proof presented to this Court for its consideration, had it cared to do so, a chain of title unbroken in this cause except for the default order that we are attempting to set aside. That chain of title came by way of a lease from the Rim Group owners to the Metallics Unlimited, from then on down through the chain of title to Mountain Mesa and through Mountain Mesa to us.

Now, if the Rim Group people were capable of leasing it, they can't quiet our title in this action unless they show that we, Mountain Mesa or some predecessor assignee in interest has defaulted in the terms of that lease agreement, and by way of presenting a meritorious defense to this Court at this time this Court, I am sure, does not expect and would not place the burden upon us to prove that we have not defaulted in that or that no predecessor in interest in title has. We could not be expected to prove the negative, that being their burden of proof. After

they showed that, it would be necessary for them to indicate that if we did default, that at the time of the default they themselves were not in default, and I think that we have some interesting Wyoming authority on that matter, supported by evidence in this case.

As the Court will recall, I asked the question of Mr. Kirkpatrick Dilling on this stand as to whether or not the Rim Group people had ever conveyed good title. That is one of the necessary prerequisites to their calling a default on somebody else. Mr. Dilling indicated that they had not.

Another question in this record is indicative of a default which was not objected to, which came in before this Court under proper evidentiary rules, which indicates a secondary default on their part, and with respect to that our Courts have indicated in several cases what the law is.

The Court said in the case of Baker v. Jones, 240 Pac. (2nd) 1165:

> "It is now well established in law and in equity that forfeitures are not favored. Before one can declare a forfeiture" --

and that is what they must declare and prove in this Court before we can be precluded --

> --"it must appear that he has a clear right and then, too, he himself must be free from blame in the premises. Every reasonable presumption is against a forfeiture and every

intendment and presumption is against a person seeking to enforce it."

That is what they are attempting in this action to enforce, and yet there is evidence before this Court on the question of a meritorious defense by this defendant that they themselves are to blame, and under the terms of that basic lease they have not complied with it, and therefore they themselves cannot declare a forfeiture against anybody for any default, assuming that there was one, which is their burden to prove.

Now, the question was put to Mr. Kirkpatrick Dilling and he answered it, and it is properly before this Court: Did Mountain Mesa after the institution of this action conduct a drilling or exploratory operation on the Rim Group claims? And the answer, to which no objection was made is, "Yes, they did."

Now, that question is very important, again, on the question of a meritorious defense, for our Supreme Court has seen fit not only in regard to forfeitures, as I have just read to the Court, but in the same case the Court continues, after citing a number of cases, Investors Guaranty Corporation v. Thomson, 31 Wyoming, Pacific-Wyoming Oil Company v. Carter Oil Company, 31 Wyoming, and Larsen Sheep Company v. Sjogren, 67 Wyoming:

"Forfeitures of lease for breach of covenant or condition therein may be waived and, forfeiture not being favored, slight circumstances will at times suffice to constitute waiver."

The facts before this Court on the question of whether or not we at this time have a meritorious defense, even without the proof of the other matters for which we have requested a continuance and to which we have rested subject to -- the facts before this Court are that Mountain Mesa was declared in default by the institution of this suit and after Mountain Mesa was declared in default the Rim Group allowed Mountain Mesa to come out on the property and continue at exploratory work. That is a major operation. It is not a slight circumstance which the Supreme Court of this state has held is sufficient to constitute a waiver of a forfeiture. To the same effect is Larsen Sheep Company v. the defendant's name whom I have previously spelled for the Court Reporter, which is a 1950 case.

That case states as follows:

> "Appellants pleaded, and at the trial of the case contended, and they now contend that the lease and the option to purchase was forfeited" --

as these plaintiffs do -- "because of the fact that the fences on the land were not kept in repair in violation of the agreement in the lease, that the land was overgrazed, and that a reservoir was built on the land without the consent of the lessor, and that this constituted waste. The evidence on these matters was in conflict, but it may be assumed for the purposes of this case that these facts are true. As heretofore shown, no attempt to cancel the lease was

made until after the exercise of the option, and then only upon the ground that the rental for the premises was in default, which was shown to be a baseless ground. Sjogren had full knowledge of the violations of the terms of the lease for which he complains, and he thereafter accepted payments of rentals due."

This is the language of the Court, and it is good language in the fulfilment of justice, which is the Court's responsibility.

"Forfeitures are not favored, since that is a harsh method by which to deprive a party of his rights. In some cases specific performance of a contract for an option to purchase has been enforced even though there was a technical default in the payment of rent." Citing a Washington, D. C., case, "or even where such default had existed for a period of three months," citing a Maryland case. "In any event a breach of covenant or condition in a lease does not ipso facto terminate a lease, but some affirmative step must be taken -- e.g. re-entry -- in order to enforce the forfeiture. Such forfeiture may be waived" -- here the words come back again to the Court: "Such forfeiture may be waived and since it is not favored, slight circumstances will at times suffice to constitute a waiver." Thus it is stated in 32 Am. Juris. 747: 'Generally speaking, any recognition by the lessor of a tenancy as subsisting after a right of entry has accrued, where the lessor has notice of the

forfeiture, will have the effect of a waiver of the landlord's right to a forfeiture of the leasehold. Slight acts on the part of the lessor may be sufficient. Indeed, it has been ruled that any act on the part of the lessor, by word or deed, with knowledge of what has been done, which signifies his intention to affirm the lease, is conclusive evidence of a waiver of the forfeiture.' So assertion of one ground of forfeiture (as in the case at bar, and which was not well taken) waives all others.'"

Those facts are presently before this Court with respect to a waiver and forfeiture which we will make use of in the trial of this case and which are undisputed before this Court.

Now, we don't feel that we are in a position to be held legally responsible for a notice of hearing of this matter which was set for hearing by the Court order on the 6th and then, without notice to us, it being immaterial whether we were present on the 6th or not, in my judgment, -- without notice to us being set over to the 7th and then from that time on two or three times later set at later dates while oral negotiations were going on between the parties, of which we had no notice and which were done without protecting our rights. We don't feel that the state of this record is sufficient that a default could be entered against us, but we are willing to assume, for the purpose of this argument, that we are guilty of a mistake and that we are guilty of excusable negligence, and even in cases

of mistake or negligence this Court has the sole discretion of setting aside its own judgment in the same term, and that may be done even in light of the facts, as we have indicated.

I would like to call the Court's attention to the case of Eager v. Derowitsch. It is a 1951 case, 232 Pacific (2nd) 716, 58 Wyoming 261. This case holds that in a case of reasonable doubt -- now, that is a reasonable doubt -- where there has been no trial upon the merits, discretion will ordinarily be exercised in favor of vacating a judgment so as to permit a trial.

Now, I think that is a reasonable statement of the law, and I think the law is being reasonable. This Court is faced -- and I am quite understanding of the fact -- with a question as to whether or not on the state of this record, without regard to a meritorious defense that we may or may not have in the future, this Court is faced with the problem, regardless of that fact, of a meritorious defense as to whether or not to permit us to come in and answer based upon the facts that have been attempted to be presented by the plaintiff in this case. I don't think that this record shows a clear case on behalf of the plaintiff of notice to this defendant. I don't think that they have proved a thing, by either their affidavit or by any of the witnesses that they called; nor does the record prove anything. It simply shows this case was set, re-set, set, re-set, and finally it was set on one day and the judgment itself recites it

was finally set on another day, all of which does not appear in the record. The judgment recites it was set by the ordinary court calendar on that date, which was not true. The judgment recites it was set on the 7th, when it was set on the 6th. The judgment itself does not show the fact that all these oral continuances were made, so there is a reason for the Court to consider it on that ground alone. This case holds that:

> "The discretion will be ordinarily exercised in favor of vacating a judgment so as to permit a trial."

Now, in 285 Pac. (2d) 1103, Spriggs v. Goodrich -- and I think this case should be particularly interesting to this Court -- a rehearing was denied at 289 Pac. (2d) 648. That case holds that:

> "Where there are circumstances present which indicate that there was an understandable mistake or inadvertence resulting in counsel's failure to appear for trial, or that a reasonable effort had been made to ascertain date on which cause was set for trial, preference of Court to have causes disposed of upon their merits rather than by default should predominate and control."

I can state this again to the Court in summation of my own statement and feeling in this matter: If we didn't appear in accordance with the setting of this case we didn't appear because we could not, and are our rights to be washed down the drain? Certainly, it was by inadvertence and mistake and misunderstanding

of all the things going on between the plaintiff and Mountain Mesa which we were never told about. I think the Court can understand that the cost of litigating this exact problem in the Federal District Court in two cases and the cost of appealing it with principal counsel and witnesses resident in Chicago, who have made appearances in those cases, both in Denver and Cheyenne on many, many occasions, that certainly the expenditure of the thousands and thousands of dollars in the litigation of those matters is sufficient indication to this Court that we had no desire and did not want this matter to go by default, and if we had known it was going by default we would have been in here with everything that was available to us as a defense, and I think the Court sympathisizes likewise with the position that we are placed in of having to defend through somebody else who is an adverse party in other litigation, and the Court wonders perhaps, as I, how this can be done, and we know it will be difficult.

But we have available to us now the discovery that we have mentioned in the depositions which we feel will help you, together with this other testimony, which we show is not only a waiver of the forfeiture but likewise shows that these parties themselves were in default and could, therefore, not call it a default.

We then feel that both of the cases that we have read to the Court, which is just a skimming of the surface of our Wyoming

cases and which is just a brief skimming of all the authority which should be presented in detail to this Court in a case as serious as this, that these cases indicate that, "Preference of Court to have causes disposed of upon their merits ***should predominate and control."

We therefore at this time respectfully renew the previous motions and the previous statements made to this Court as to the manner in which we are resting and presenting these arguments at this time.

OPINION OF THE COURT

THE COURT: (Sheldon, J.) In the absence of any evidence or indication what the evidence of this proposed witness who will appear here on the 29th of April will be, the Court is bound to deny the motion.

I see no purpose in continuing the matter, especially if it is in line with the evidence that has been offered here today.

With reference to the merits in this matter, I listened with considerable attention to the only question that is meritorious, as I see it, and that is whether or not a discovery of minerals was ever made and whether or not any production was ever undertaken on the property. The whole lease and contract hinges on that. The contract calls for the expiration of a period of sixty days and discovery of minerals within a reasonable time and to start production and continue production. This was in May, 1954, and as late as two and a half years after

that there is still no indication that there has ever been any production. I am frank to say if there was ever any production or even a discovery of commercial ore on that property, an indication that such had taken place, I would be more than willing that this matter should be tried on its merits.

The indication from the testimony here today is that they still have not got a discovery of commercial ore; that they are going to undertake a drilling contract to find out whether or not they have got anything out there.

So much for the merits of this matter.

As for the question of the mistake or error, or anything like that, I am well cognizant of the case of Spriggs versus Goodrich in which the Supreme Court said that I abused my discretion in refusing to allow the United States Attorney to open up a case after the default judgment had been entered. The Supreme Court presumed in that matter to decide the matter upon purely one sole affidavit which was in the record and which was contrary to facts in my own mind that I knew of when I refused the vacation of the default decree. I hope this record is not in the same shape.

In that case I directed the United States Attorney to prepare an order setting the case down for a specific time and at a specific hour some two months hence, and under the rules of the Court then in force he was supposed to present three copies. He only presented two copies, one of which went on

1 file with the Clerk and the other went to the adverse party,
2 and his letter was returned to him. He did not, however, fill
3 in the date of the trial, and the Court filled that in on the
4 original, but he knew specifically what time that case was
5 set for trial. I therefore denied his application. That did
6 not appear in the record of that case. The Supreme Court pre-
7 sumed to pass upon the matter without knowing what was in the
8 mind of the Court.
9 I am going to have to indulge in some of the same presump-
10 tions here, and I want the record to show that the Court, myself
11 as Judge, have a distinct and clear recollection at this time
12 of reminding Mr. Spence that this case was coming up for trial,
13 I believe, on the 6th -- it was on the 4th or 5th that I reminded
14 him of it -- of December, 1956, at which time he was in the
15 Judge's chambers in connection with some other matters, and he
16 informed me at that time that he did not intend to appear at
17 the time of the trial. The record in the case shows very clearly
18 that the case was in the direct consideration of the Court from
19 month to month, starting in May of 1956. It went on the trial
20 docket in May 1956, having become at issue in April, and Mr.
21 Murane, who was carrying the laboring oar so far as the defense
22 in the case is concerned, I believe, was tied up in litigation
23 at that time in Federal Court, and at his request the case was
24 continued, the setting was vacated. It went on the trial docket
25 again in June -- or in August, I believe. It was September, as

1 the Court was in recess during the summer months, and in
2 September it was placed on the trial docket again for October.
3 At the time the case came up pursuant to that setting, this
4 particular case was set for 9:30 on October 10th, immediately
5 following the Bergsten-Mountain Mesa case, which was set at 1:30
6 on October 9th, and at that time neither this defendant nor
7 nobody representing this defendant appeared on behalf of the
8 defendant, but Mountain Mesa was represented there at that hear-
9 ing by Mr. Murane. I believe the parties -- I think this order
10 is true -- that on October 23rd, dated October 9th, filed October
11 23rd, that the parties agreed, instead of trying the matter, to
12 go into a pretrial conference at that time, at which time it
13 developed there was a question in dispute as to whether or not
14 the plaintiff as a matter of fact was in actual possession or
15 whether or not Mountain Mesa was, and as a result of that con-
16 ference the plaintiff asked permission to file an amended
17 petition stating a cause of action for possession rather than to
18 quiet title, and that same order continued the trial on the
19 matter until November 8th, 1956, when the case again came on
20 before the Court and, contrary to the understandings that were
21 entered into on October 9th, Mr. Murane, on behalf of Mountain
22 Mesa, filed some demurrers. He didn't file an answer as directed
23 by that order of October 9th. So that the case was not ready
24 for trial on November 8th, and, as I remember it, the plaintiff
25 came in and asked for default against Mountain Mesa. It was

1 denied but Mr. Murane was given additional time in which to
2 answer and the case was again set over by written order for
3 trial on December 6th and, as I recall, all the way through
4 here the settings -- the Bergsten case was set immediately prior
5 to the Rim Group case in each instance, the cases were contin-
6 ued along together, the Bergsten case being set down for trial
7 on the 5th of December, and my trial notes indicate that the case
8 went to trial on that date, was tried and instead of lasing one
9 day, it lasted two and that of necessity -- and it is no unusual
10 practice when the case runs over for me to announce that the
11 following case when the time comes for its trial, which would
12 have been the morning of the 6th of December -- to announce
13 that case will be continued until the following day. Contrary
14 to counsel's idea here, the case was not continued from time
15 to time thereafter. The judgment in the Bergsten case was
16 against the Mountain Mesa people, and I presume they went into
17 conference that night because the next morning before trial
18 time came up they called the Court and informed the Court that
19 they had arrived at a settlement, but incident to that settle-
20 ment it was necessary to take default judgment against the
21 various parties concerned -- the various defendants other than
22 the Mountain Mesa Corporation, and that they would be on hand
23 at the hour of 10:00 o'clock to make their appearance and take
24 their default, which they did. Murane, Nicholas and Smith, I
25 think, were all present at that time. Having been informed

by Mr. Spence within a day or so of that, that he had no intention of appearing on behalf of the Riverton Uranium Company, he was in default as a matter of course, and the default was entered and the judgment was entered accordingly.

As I see the situation today, the Riverton Uranium has relied entirely upon the Mountain Mesa people to carry the ball for them in this litigation apparently in both cases. Whether or not they have or have not protected the interests of Riverton Uranium I do not know. I assume that they in making their settlement, if they made a settlement -- which I don't have any knowledge of except the affidavits in connection with this matter -- very possibly they are protected. I don't know; at least the Riverton Uranium people plead only one thing: That they claim their interests through title based solely upon the title held by the Mountain Mesa Corporation. Apparently the lease is still in effect. I don't know what they have done with it. I can see no useful purpose in opening this matter up again.

If you have a lawsuit in the Federal Court I assume you can probably settle your differences, if any, down there as to what interest you have, if any under this present lease, but so far as this plaintiff is concerned I see no reason why their development, their progress in developing these claims should be held up pending the further litigating of this matter, in view of the fact that the prime defendant, the principal defendant, the Mountain Mesa people, are apparently satisfied with their

1 settlement. If they have made a bad settlement and haven't
2 fully protected the Riverton Uranium Company, they have their
3 redress in proper courts. And I assume they can do that in the
4 Federal Court case now pending.
5 The Mountain Mesa people apparently didn't have faith
6 enough in their own primary defense to warrant a contest carried
7 through to conclusion in this case, so why should I assume that
8 the Riverton Uranium should have more faith. When they have no
9 personal knowledge of the facts at all, they must rely upon
10 the information of these Mountain Mesa people. If, of course,
11 they are at fault in depriving the Riverton Uranium people of
12 their rights in this matter and agreeing to a settlement adverse
13 to their interests, that would be a different lawsuit entirely
14 and would not involve this plaintiff.
15 The motion to vacate the judgment will be denied.
16 MR. SPENCE: May the Court please, I very humbly
17 and with all the reverence which I honestly feel toward this
18 Court and this judge, ask this Court to allow me an exception
19 to that portion of the Court's remarks which constitute testi-
20 mony in this cause, and at the same time I would like to indicate
21 to the Court that I personally feel a grave responsibility as
22 an officer of this Court, and that my testimony on this stand
23 is contrary to the Court's personal recollection of the facts
24 involved herein. I hope that the Court will accept the apology
25 of its officer for the testimony, simply on the basis that my

1 recollection is apparently not as astute as the Court. Never-
2 theless, again I ask the Court for its allowance to us of an
3 exception to the statements made by the Court with respect to
4 the facts which the Court stated from the bench and which are
5 now a part of this record; and, finally, I ask the Court for a
6 specific ruling on the motion for a continuance and a specific
7 ruling on the conditions precedent which we made to our resting
8 in this matter.

9 THE COURT: I have already ruled on it, counsel. I
10 ruled on your motion for a continuance with my opening statements.
11 I now rule on the other, and you may have an exception to my
12 statements, and I probably wouldn't have stated them into the
13 record excepting the Supreme Court presumed in the other case
14 to dispose of the matter without taking into consideration
15 matters that were in the personal knowledge of the judge and
16 the Court, basing it solely upon the affidavit that was submitted
17 in that case, which was contrary to the actual facts.

18 I don't recall that counsel testified that he didn't talk
19 to myself regarding this matter. He said he had no recollection
20 of it. My recollection is very clear and distinct on the
21 matter, because counsel, I think, will agree that I am loathe
22 to grant defaults unless I know that the other parties are
23 not going to come into court. In other words, I would have been
24 on the phone calling you myself that morning to make sure that
25 you knew and were coming if you had indicated to me that you had

intended to appear, which was not the facts in this particular case.

Is there anything further to come before the Court at this time? The Court will be in recess.

(Thereupon, at 4:25 o'clock p.m., the hearing in the above-entitled cause was concluded.)

---oOo---

STATE OF WYOMING)
) ss.
COUNTY OF FREMONT)

IN THE DISTRICT COURT
SEVENTH JUDICIAL DISTRICT

- X

THE RIM GROUP, a mining joint venture,

Plaintiff,

vs.

MOUNTAIN MESA URANIUM CORPORATION, et al,

Defendants.

- X

Civil No. 9062

COURT REPORTER'S CERTIFICATE

I, Leroy Walker, an Official Court Reporter of the Seventh Judicial District of Wyoming, do hereby certify that the foregoing transcript of testimony is true and correct and contains all of the testimony offered at the trial of the above-entitled cause, together with the rulings of the court in admitting or excluding evidence, or in directing or refusing to direct a verdict for either party.

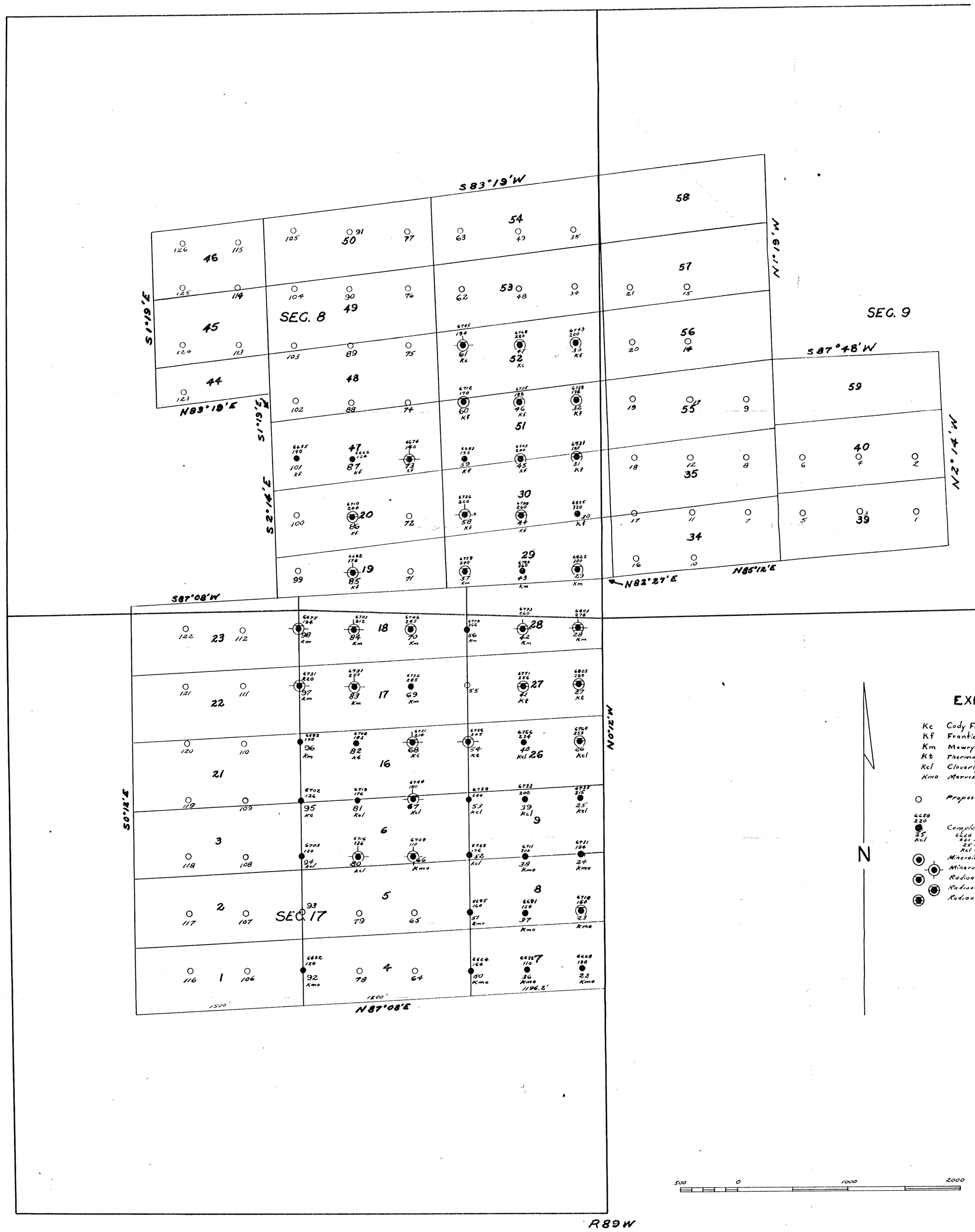
Leroy Walker
Official Court Reporter

CLERK OF COURT'S CERTIFICATE

I, Victor E. Dolenc, Clerk of the District Court of Fremont County, Wyoming, do certify that Leroy Walker, whose name is subscribed to the above and foregoing Court Reporter's Certificate, is now, and has been continuously since the 23rd day of May, 1953, a duly appointed, qualified and acting Official Court Reporter of the Seventh Judicial District of Wyoming.

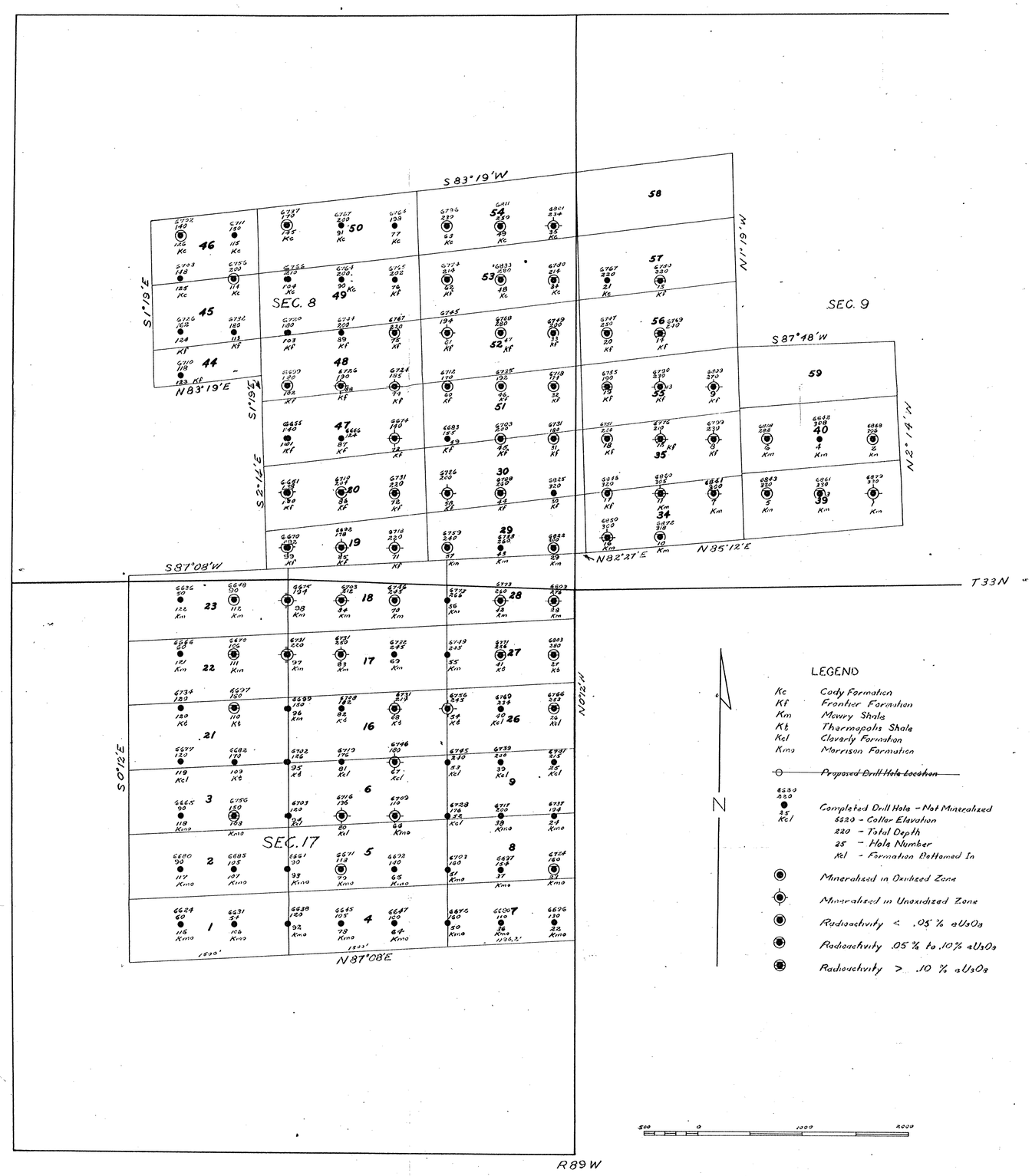
Witness my hand and official seal this 15th day of April, 1957.

Victor E. Dolenc
Clerk of the District Court



CLAIM MAP SHOWING DRILL HOLE LOCATIONS
URANIUM RESEARCH AND DEVELOPMENT COMPANY - RIM GROUP
T. 33 N., R. 89 W., FREMONT COUNTY, WYOMING

DMEA DOCKET 4644



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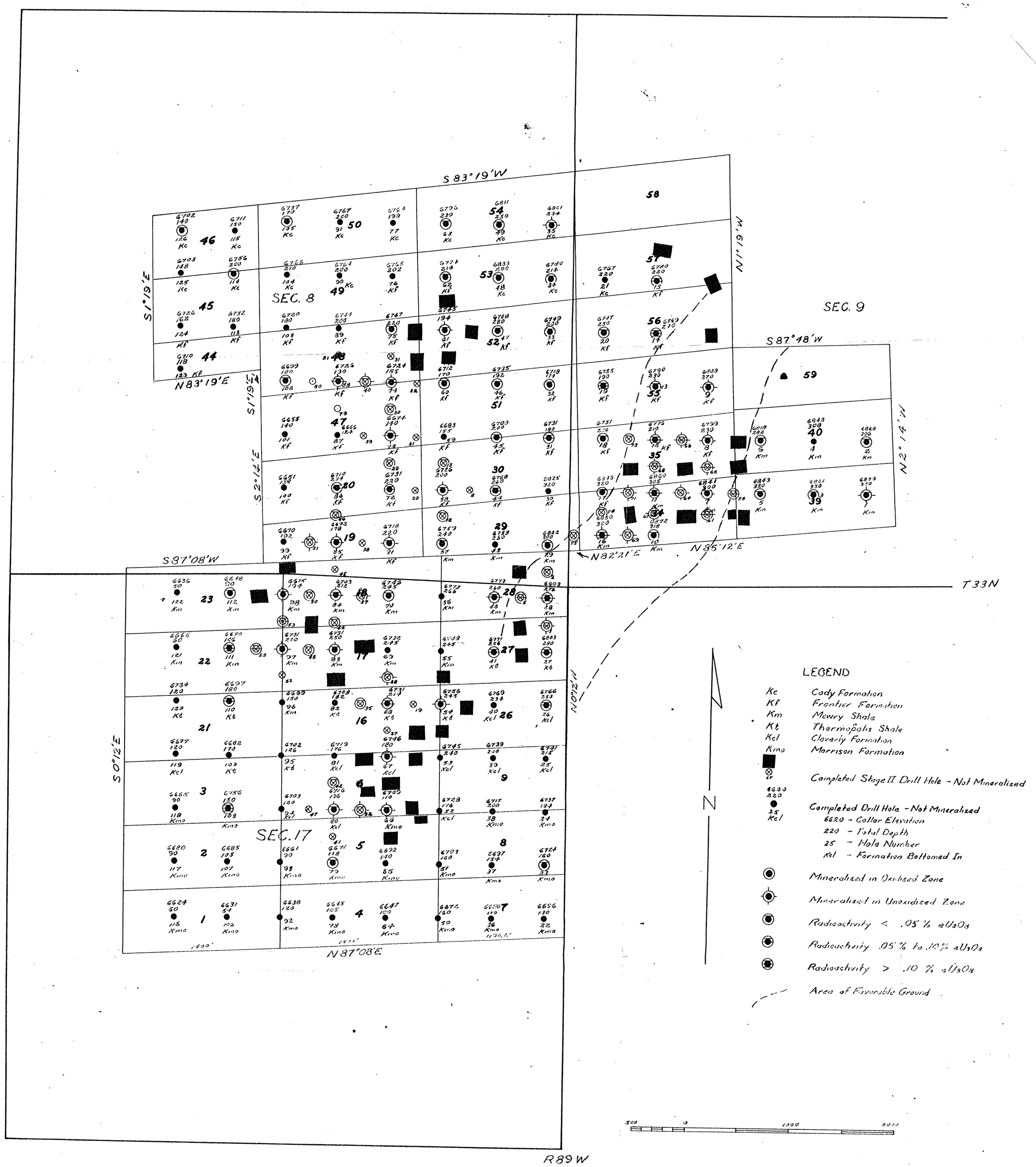
CLAIM MAP SHOWING DRILL HOLE LOCATIONS
URANIUM RESEARCH AND DEVELOPMENT COMPANY - RIM GROUP
T. 33 N., R. 89 W., FREMONT COUNTY, WYOMING

DMEA DOCKET 4644



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T. 33 N., R. 89 W., FREMONT COUNTY, WYOMING

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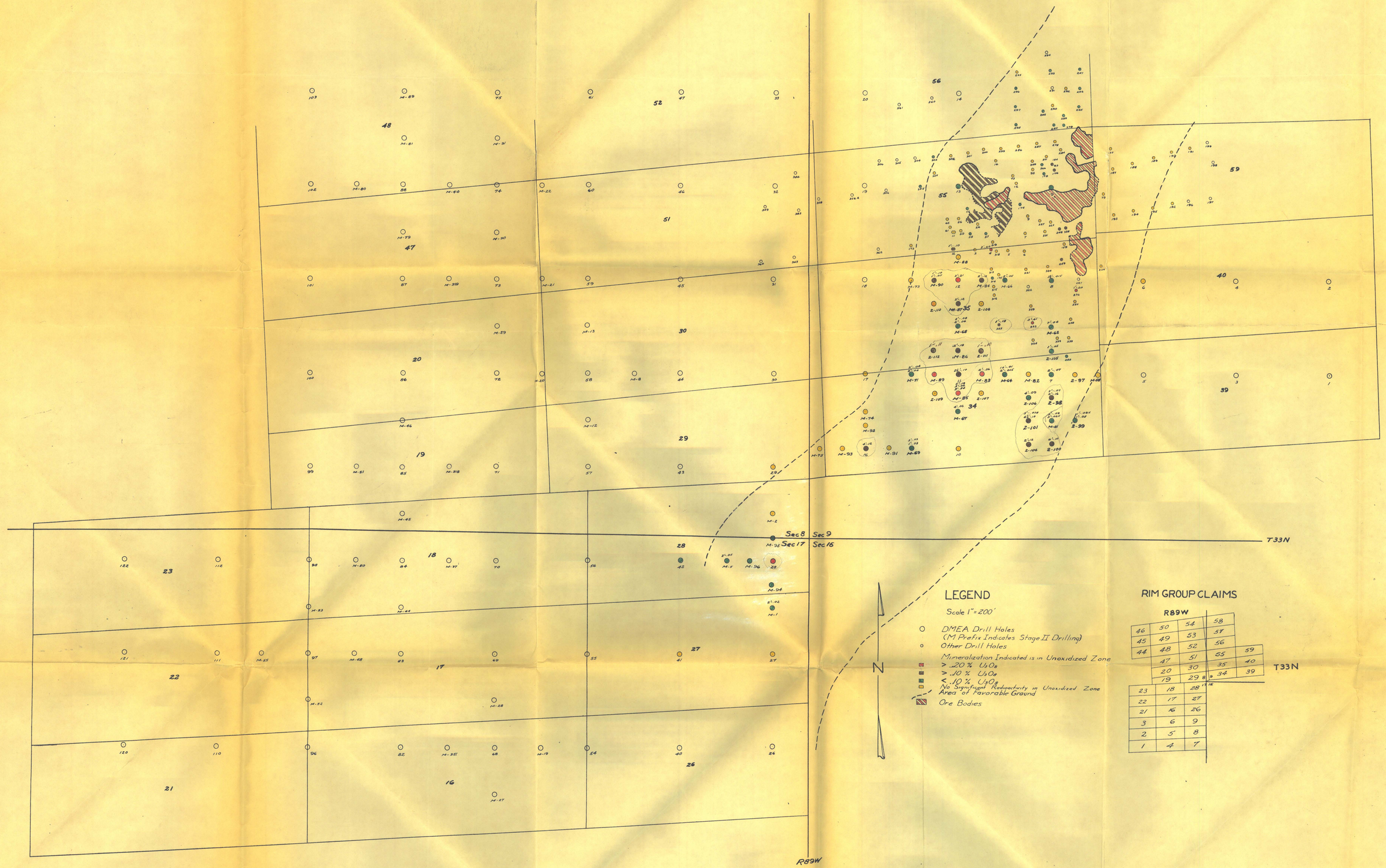

CLAIM MAP SHOWING DRILL HOLE LOCATIONS AND MINERALIZATION ON A PAIRT OF THE RIM CLAIMS
URANIUM RESEARCH AND DEVELOPMENT COMPAINY
T 33 N, R89W, FREMONT COUNTY, WYO.