FINAL DISTRIBUTION
MADE DEC 18 1957

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

Administrative Audit Difference Statement

[redacted]

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

DMEA-4409

[redacted]

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

Amount Claimed $ [redacted]

Difference $

Amount Approved $ [redacted]

The reason for the difference was due to:

[redacted]

EXTRA COPY
DMEA
RECEIVED DEC 20 1957

DATE	INITIALS	CODE
		~~110~~
12/20	Murphy	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
December 12, 1957

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4409 (Uranium) Contract Idm-E1066, Dalmid Oil and Uranium, Inc. (April, Butte, and Canyon claims) San Juan County, Utah - Supplemental Operator's Monthly Progress Report, for the month of October, 1957

Enclosed are the original and four copies each of supplemental 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 is acceptable to the Government. All of the work was performed at "Fixed Unit Costs" under the short form contract MF-200A, therefore documentation of the costs is not required.

Withhold the entire amount of reimbursement due the Operator on the supplemental voucher, pending resumption of project work which is recessed for the winter.

The total amount withheld to date from the October 1957, Voucher, and the supplemental October 1957, Voucher, is as follows:

Amount withheld from October, 1957 Voucher	$400.00
Amount withheld from supplemental October, 1957 Voucher	130.50
Total amount withheld	$530.50

Remarks:

Date of Report----------December 5, 1957
Date Received in Field Office----------December 10, 1957
Date Received in Region Office----------December 11, 1957

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

Original signed by
W. H. KING
W. H. King

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

REGION III

Building 20
Denver Federal Center
Denver 2, Colorado
Dec. 10, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Carl Belser

Subject: Docket DMEA 4409 (Uranium) Contract Idm-E1066,
Dalmid Oil and Uranium Corp. (April, Butte, and Canyon claims)
San Juan County, Utah -- Additional progress reported for
October 1957

The 14.5 hours of bulldozer work which was not included in the October 104's is additional bulldozer work on drill sites that was not included with the 8.75 hours claimed in the first October 104's. The work has been done and as the winter intermission will be for about a six month interval, should be entered on our records.

The operator ~~claims~~ was billed for 14.5 hours at $12.50 an hour or $181.25. The contract only allows $12.00 an hour, or $174.00 so the difference or $7.25, has been disallowed. deducted by the Operator.

It is recommended that 75 percent of $174.00 or $130.50 be paid to the operator but that the payment of this sum be withheld until work on the contract has been resumed.

Carl Belser
Carl Belser
Mining Engineer

CB/mr
cc: 6
Idm-E1066
chron

DMEA
DEPARTMENT OF THE INTERIOR
NOV 13 1957
REGION III
DENVER, COLORADO

November 11, 1957

Re: Docket No. DMEA 4409(Uranium)
Contract No. Idm-E1066
~~Dalmid Oil~~ & Uranium, Inc.
(April, Butte & Canyon Claims)
San Juan County, Utah

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

Dear Mr. Harshman:

Here is a bill for 14½ hours of Cat work that were needed in the preparation of 11 drill sites for the last 11 holes allowed in our participating contract.

Our billing was at $12.50 an hour, or $181.25. I would thank you to include 75% of that amount in your final settlement for your part of this year's work.

Please pardon the piece-meal way I had in getting this last monthly statement together.

Sincerely yours,

Chas. E. Collins

Chas. E. Collins

c/a

Encl.

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

November 11, 1957

COPY

STATEMENT

From: Utarco Uranium Corporation
604 Hamilton Building
Wichita Falls, Texas

To: Dalmid Oil and Uranium Corporation
604 Hamilton Building
Wichita Falls, Texas

For the drilling of 11 drill sites $181.25

Note: We employed 14½ hours of bulldozing work in the preparation of these sites.

F-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

RECEIVED
DEC 5 1957
D.M.E.A.

SUPPLEMENTAL

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of October, 1957 Docket No. DMEA 4409 Contract No. Idm-E 1066
Operator's Name Dalmid Oil and Uranium Corporation Minerals Uranium
Address 604 Hamilton Bldg., Wichita Falls, Texas
Contract Amount, $ 25,441.00 Government Participation: 75 % Amount, $19,080.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling		9666.00	9666.00			
Bulldozing	174.00	1303.00	1477.00			
Standby		378.12	378.12			
Incid. Allow		1931.40	1931.40			
Chemical Analyses		66.50	66.50			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	174.00	13,345.02	13,519.02	174.00	13,345.02	13,519.02

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

Date 12/5/57 *Payee Dalmid Oil & Uranium Corp.

Per Oleon E. Collier Title President

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

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

(Instructions on reverse)

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

No Payment

Signature
(Authorized Certifying Officer)

Date 12/17/57 Vou. No. —
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E 1064 in accordance with the terms of the contract.

Signature Carl Nelson (9/30/50) Title Mining Engineer Date 12/10/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. Kang Title Executive Officer Date DEC 12 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

[illegible]F-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED DEC 20 1957 D.M.E.A.

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

SUPPLEMENTAL

Month of October 1957 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Dalmid Oil & Uranium Corporation Minerals Uranium
Address 604 Hamilton Bldg., Wichita Falls, Texas

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~~ ~~Bulldozing~~	hr			1200.00	100	12.00	100	12.00
~~Crosscutting~~ Core Drill.	ft			4819.50	1377	3.50	1520	3.50
~~Raising~~ Non-Core "	ft			2887.50	2310	1.25	2850	1.25
~~Shafts~~ Standby	hr			309.37	24.75	12.50	40	12.50
~~Winzes~~ Incid. Allow	ft			1474.80	3687	0.40	4370	0.40
~~Drilling~~ ~~Core~~ Analyses	Spl.			52.50	15	3.50	30	3.50
STAGE II								
~~Churn~~ ~~Auger~~ ~~Bulldozing~~	hr	174.00	14.5	277.00	23.25	12.00	100	12.00
~~Stripping~~ ~~Core~~ Drilling	ft			827.75	236.5	3.50	1600	3.50
~~Trenching~~ Non-Core "	ft			1131.25	905	1.25	3000	1.25
~~Test Pits~~ Standby	hr			68.75	5.5	12.50	40	12.50
~~Roads and Trails~~ Incid.	ft			456.60	1141.5	0.40	4600	0.40
Analyses	Spl.			14.00	4	3.50	33	3.50
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		174.00		13,519.02				

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 12/5/57 Operator Dalmid Oil & Uranium Corp.

Per Alan E. Allen Title President

REMARKS:

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

(Instructions on reverse)

(For Government use only)

Carl Belan

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

FINAL DISTRIBUTION

MADE DEC 5 1957

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

Administrative Audit Difference Statement

Date: Dec. 3, 1957
Payee's
Reference: October 1957

DMEA-4409

Delaid Oil and Uranium, Inc.
604 Hamilton Bldg.
P.O. Box 1590
Wichita Falls, Texas

X

Gentlemen:

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

Amount Claimed $ 2,638.85

Difference $ 37.50

Amount Approved $ 2,601.35

The reason for the difference was due to:

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 9 1957

DATE	INITIALS	CODE
12/9	gb	220
"	[illegible]	110
"	Murphy	700

Disallowance,

50 core boxes at .75 each $37.50

withheld $400.00 pending resumption of work.

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

November 27, 1957

Memorandum

To: T. A. Christensen

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

Subject: Docket DMEA-4409 (Uranium) Contract Idm-E1066, Dalmid Oil and Uranium Corp. (April, Butte, and Canyon claims) San Juan County, Utah - Operator's Monthly Progress Report for October 1957

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

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 MF-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.

Disallowance, Core Boxes

The reported costs for core boxes allegedly used in Stage I are recommended for disallowance since this item is included under incidental allowance.

Disallow

Reported cost of 50 core boxes at 75¢ each---- $37.50

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

Amount reported on Form MF-104 for October 1957 ---------	$2,638.85
Total disallowance ----------	37.50
Total accepted cost	$2,601.35
Government participation at 75 percent ----------	$1,951.01

Amount to be Withheld

The project is now in authorized recess; therefore, an amount of $400.00 is to be withheld from the amount to the Operator, until such time as work has been resumed. In the event work is not resumed within the allotted time, the amount withheld is to be deferred until such time as the Operator has complied with all conditions prerequisite to closing the account.

Withhold
Amount pending resumption of work ----------$400.00

We note that the cost reported on the Operator's Form MF-104A is under Stage I. All work reported for the month of October was actually performed under Stage II of the contract.

REMARKS:

Date of Report ---------- November 7, 1957
Date Received in Field Office ---------- November 13, 1957
Date Received in Region Office ---------- November 26, 1957

Original signed by
E. N. HARSHMAN

E. N. Harshman

Enclosures

MHM:jy

cc: Chm. Op. Comm. (2))
DMEA,DFC) w/complete report
MF-104 file)

Harshman)
DMEA,G.JCT.)
Hasler) w/copy Engr's. report
Townsend)
Chron.

DMEA
DEPARTMENT OF THE INTERIOR
NOV 26 1957
REGION III
DENVER, COLORADO

REGION III

Memorandum

Building 20
Denver Federal Center
Denver 2, Colorado
November 22, 1957

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

From: Carl Belser

Subject: Docket DMEA 4409 (Uranium), Contract Idm-E1066, Dalmid Oil and Uranium Corp. (April, Butte, and Canyon claims) San Juan County, Utah---Progress report for October, 1957.

The property was last visited by the writer on October 8, 1957, at which time 5 holes had been drilled, the sixth hole was being drilled, and the drill sites for the other two holes had been prepared. The cores, which were not at Dalmid at the time, were examined by N. L. Archbold and Wendell A. Bradley of the Geological Survey. All cores were found to conform with the contract. The road to Elk Ridge was not passable during the week November 4-8. Holes drilled in October follow:

Hole	Feet Non-core	Feet Core	Feet Total	Hours Standby	Top M. S.	Uranium Content	
45	100.0	32.5	132.5	1/2	129.2	128.2' - 129.2' =	e.02
46	100.0	29.0	129.0	1/2	125.7	124.7' - 124.7 =	.015
						119.5' - 120.5' =	e.02
47	105.0	29.0	134.0	1	131.7	130.6' - 131.7' =	.147
48	115.0	25.0	140.0	1	137.4	136.4' - 137.4' =	.054
						132.0' - 133.0' =	e.02
49	120.0	25.0	145.0	1/2	140.0	137.5' - 140.0' =	.051
						128.8' - 129.6' =	e.02
50	115.0	29.0	144.0	0	139.0	138.0' - 139.0' =	e.03
51	125.0	30.0	155.0	1 1/2	150.0	Barren	
52	125.0	37.0	162.0	1/2	159.6	143.7' - 144.5' =	e.02
Total (8)	905.0	236.5	1,141.5	5 1/2		Stage II holes	

The following expenses were incurred by the operator during October, 1957:

Bulldozing 8 3/4 hours at $12.00/hr. (105.00)	$ 103.00
236.5 ft. of core drilling, 3.50/ft.	827.75
905 ft. of non-core drilling, $1.25/ft.	1,131.25
5.5 hrs. standby at $12.50/hr.	68.75
1,141.5 ft. incidental allowance at $.40/ft.	456.60
4 chemical analyses at $3.50 ea.	14.00
	$ 2601.35

Payment of 75 percent of the above amount or $1,951.01 is recommended.

The operator bulldozing cost is $103.00 instead of $105.00. The item 50 core boxes at $.75 each, $37.50 is disallowed as it comes under incidental expenses.

Carl Balser
Mining Engineer

CB:sm
cc: 6
Idm-E1066
Chron

Smith's Laboratory

CHEMIST AND ASSAYER

MOAB, UTAH

DMEA
DEPARTMENT OF THE INTERIOR
NOV 12 1957
REGION III
DENVER, COLORADO

Dalmid Oil & Uranium
Moab
Utah

Nov 2, 1957

Sample Description	% U_3O_8	% V_2O_5	% $CaCO_3$	%	%	%			
Hole #46 - 124.7 - 125.7	0.015								
47 - 130.6 - 131.7	0.147								
48 - 136.4 - 137.4	0.054								
49 - 137.5 - 140	0.051								

TOTAL CHARGES $ 12.00

J. Earl Smith
CHEMIST

DMEA
DEPARTMENT OF THE INTERIOR
NOV 12 1957
REGION III
DENVER, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
NOV 27 1957
REGION III
DENVER, COLORADO

November 7, 1957

Re: Docket No. DMEA #409(Uranium)
Contract No. Idm-E1066
Salmid Oil & Uranium, Inc.
(April, Butte, & Canyon Claims)
San Juan County, Utah

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

Dear Mr. Harshman:

NARRATIVE FOR OCTOBER 1957

Only eight holes #45 to #52, inclusive, were completed, due to weather. Three drill sites, #40-#41 and #5 and the necessary roads were bulldozed.

Of the eight holes drilled, only one, #51, was barren. One hole, #47, contained ore grade (Chemical Assay), but all 4 holes (#46 to #49, inc.) extend the mineralized area of holes #30 and #31 about 100 feet West. It is the opinion of DMEA Geologist that this mineralization would center East of hole #30. If you note hole #45 on Cross Section H-H, it indicates Channel Northwest of hole #28. Our drift is 65 feet in North and slightly West direction, and at the face is in a scour, approximately 8 feet deep and still digging. A line from hole #45, across the position of Line Face, would come close to approved hole #53, and appears to bear out DMEA opinion.

Holes #50-#51 & #52 were placed to check scour or Channel indicated by hole #33. On Cross Section H-H these 3 holes indicate the scour or Channel runs North and slightly West. The sand thickened in hole #52, and in my opinion should be offset.

A storm that struck early on October 11th, lasted eleven days with intermittent rains. The drill area was too muddy tooperate. We have tried three times to operate, but without success. Two light snowfalls, and the fact that the mud freezes at night, keeps the area from drying. On October 31st, another storm struck. After some four hours rain, we decided to give up hope of operating again this Fall, and I requested a recess. The mud did not freeze hard enough to support a water truck, so we could not operate at night.

Respectfully yours,

M F Maher

(Signed) Martin F. Maher
by CEC

[redacted]-104 (Rev.)
[redacted]ril 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

RECEIVED DEC 9

Month of October, 1957 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Dalmid Oil & Uranium Corp Minerals Uranium
Address 604 Hamilton Bldg. Wichita Falls, Tex
Contract Amount, $ Government Participation: % Amount, $ 25,441.00

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	1959.00	7999.50	9958.50			
Bulldozing	103.00	1200.00	1303.00			
Standby Tm.	68.75	309.37	378.12			
Incid. Allow	456.60	1474.80	1931.40			
Chemical Analyses	14.00	52.50	66.50			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
Core Boxes	37.50	-	37.50			
(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	2638.85	11036.17	13,675.02	2,601.35	11,407.42	14,008.77
				11-	663.75	663.75
					10,743.67	13,345.02
				$	1557 01	

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

Date 11/7/57 *Payee Dalmid Oil & Uranium Corp.

Per Oliver E. Collins Title President

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

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

(Instructions on reverse)

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

Signature
(Authorized Certifying Officer)

Date 12/2/57 Voucher DMA 58-66
(See other side)

1-Previous Disallowance
Note: Withheld 4000
Reinstatement (no 104) made 11/13/57 added to last 2 cols.

(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. Tdm-E1066 in accordance with the terms of the contract.

Signature Carl Belser (4,951,01) Title Mining Engineer Date 11/20/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: acting

Signature [illegible] Title Executive Officer Date NOV 27 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form DMEA-F-104A
(April 1962)

Budget Bureau No. 42-R1151.2

RECEIVED DEC 9 1957 D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of October 7 1957 Docket No. DMEA 4409 Contract No. Idm-E1066

Operator's Name Dalmid Oil & Uranium Corp. Minerals Uranium

Address 604 Hamilton Bldg. Wichita Falls, Texas

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
STAGE I								
~~xxxx~~Bulldozing	hr	103.00	8 3/4	1303.00	108 3/4	12.00	~~100~~	~~12.00~~
~~xxxx~~Core Drill	ft	827.75	236.5	6102.25	1743.5	3.50	1520	3.50
~~xxxx~~Non-Core "	ft	1131.25	905.0	3856.25	3085.0	1.25	2850	1.25
~~xxxx~~Standby Time	hr	68.75	5.5	378.12	30.25	12.50	40	12.50
~~xxxx~~Incid.Allow	ft	456.60	1141.5	1931.40	4828.5	0.40	4370	0.40
~~xxxxxxxx~~Analyses	Spl.	14.00	4	66.50	19	3.50	30	3.50
STAGE II								
Drilling: ~~Core~~								
~~xxx~~ Bulldoz.								
~~xxxx~~ Core Drill								
~~xxxx~~Non-Core "								
~~xxxx~~Standby Time								
~~xxxxxxxx~~Incid. All								
~~Analyses~~								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
Core Boxes-Stage I		37.50		37.50				
New Buildings, Improvements, etc.		2638.85		13675.02				
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 11/7/57 Operator Dalmid Oil & Uranium Corp.

Per Oliver E. Collins Title President

REMARKS:

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

(Instructions on reverse)

(For Government use only) Carl Bolen

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

DRILL HOLE LOG

Logged For: DAVID [illegible]

Type of Drill: .....

Drill-hole No. 45

Total depth 132.5

Collar elev. 8121.6 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 100' N.40° W. of Hole #28

Claim APRIL #13

Date started 10/10/57

Date completed 10/10/57

Logged by MM

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS ..... ; Cbn ..... (under OBSS)

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	100.0	Alluv				
100.	104.2	MS	Gy,Pp	M	N	Mottled
104.2	109.5	SS	Gy,Br	Mf-M	S	One very Hard Rib
109.5	129.0	MS	DGy		S-A	Some R-Br Spots
129.0	129.4	MS	Gy-GN		A	Altered Moenkopi
129.4	132.5	MS	R-Br		N	Moenkopi

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
129.2	1.0			.02	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DAVID DREA

Type of Drill: .....

Drill-hole No. 46
Total depth 129.0
Collar elev. 8151.8 T ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie 100' S.56° W. of
Hole 30

Claim CANYON #1
Date started 10/9/57
Date completed 10/9/57
Logged by [illegible]

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	100.0	Plug	Br			
100.0	104.8	MS	Gy, Pp, Br		N	Mottled, Sandy Ribs
104.8	113.5	SS	Gy, Pp, Br	F-VC	S	" Bottom Foot Dirty
113.5	116.7	MS	Gy-Br Br		N	" Sandy Ribs
116.7	120.1	SS	Gy, Pp, Br	M	S	"
120.1	121.5	SS	Gy	M-MF	S	
121.5	123.0	MS	DGy		S-A	
123.0	125.7	SS	Gy	M	S-A	Muddy Ribbs
125.7	129.0	MS	R-Br		N	Moenkopi MS

y-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
125.7	0.8	.015		.05	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DAVID DECA

Type of Drill: [illegible]

Drill-hole No. 47

Total depth 134.0

Collar elev. 8159.0 T. P

Area San Juan Co. Utah

COORDINATES

North East

Tie 100' N.53° W. of Hole 30

Claim CANYON #2

Date started 10/8/57

Date completed 10/8/57

Logged by [illegible]

Summary of log MINERALIZED; OBSS Thick; SS color; MS under OBSS; Cbn

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	105.0	Plug				
105.0	112.5	MS	Gy,Pp,Br		N	Mottled. One SS Rib
112.5	119.5	SS	Gy,Pp,Br	MF-M	N	" Bottom Foot Dirty
119.5	124.8	MS	Gy		S-A	Sandy Ribs
124.8	131.6	SS	Gy	M	S-A	
131.6	131.9	MS	Gy-Gn		N	Altered Moenkopi
131.9	134.0	MS	R-Br		N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
120.5	1.0			.02	
131.7	0.9	0.147		.15	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For
DAVID DECA

Drill-hole No. 48
Total depth 140.0
Collar elev. 8169.1T ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie 100' S. 60° W. of
Hole #31

Claim CANYON #2
Date started 10/4/57
Date completed 10/8/57
Logged by TM

Summary of log FAVORABLE MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS ..... under OBSS ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	115.0	Plug				
115.0	117.6	SS	Gy,R-Br	MF-C	N	Mottled
117.6	124.7	MS	Gy,R-Br		N	"
124.7	129.8	MS	Gy		S-A	Sandy Clay, Sandy Mbs
129.8	136.7	SS	Gy	MF-C	A	
136.7	137.7	MS	Gy-Gn		N	Altered Moenkopi
137.7	140.0	MS	R-Br		N	Moenkopi MS

γ-Ray Log
0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
137.4	1.0	.054		.07	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For

Type of Drill ..... DAKOTA MINA

Drill-hole No. 49

Total depth 145.0

Collar elev. 8175.2 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East 0

Tie 100' N. 63° W. of Hole #31

Claim CANYON 2

Date started 10/3/57

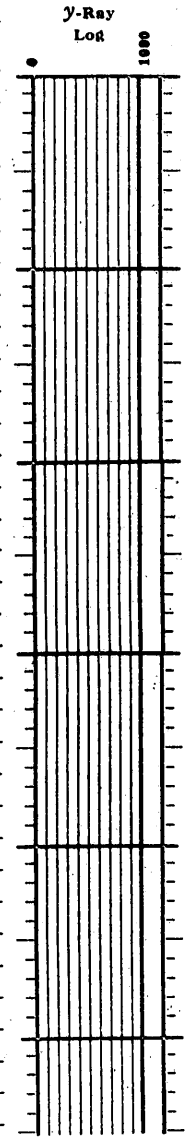
Date completed 10/6/57

Logged by MM

Summary of log FAVORABLE MINERALIZED ; OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	120.0	Plug				
120.0	124.5	MS	Gy,R-Br		N	Mottled, Sandy Ribs
124.5	139.5	SS	Gy,R,Br	Mf-C	S-A	One 0.2 MS Rib
139.5	140.9	MS	Gy-Gn		N	Altered Moenkopi
140.9	145.0	MS	R-Br		N	Moenkopi MS

y-Ray Log



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
133.0	1.0			.02	
140.0	2.5	.051		.04	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DALWID DRILL

Type of Drill: .....

Drill-hole No. 50

Total depth 126.0

Collar elev. 4184.9 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 100' S. 340' W. of Hole #33

Claim CANYON #3

Date started 10/2/57

Date completed 10/2/57

Logged by DM

Summary of log FAVORABLE MINERALIZED; OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	115.0	Plug				
115.0	126.7	MS	Gy,R-Br		N	Mottled Sandy Clay Sandy Ribbe
126.7	134.2	MS	Gy		S-A	
134.2	139.2	SS	Gy		S-A	
139.2	141.2	MS	Gy-GN		N	Altered Moenkopi
141.2	144.0	MS	R-Br		N	Moenkopi

γ-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
120.6	.08			.02	
139.0	1.0			.03	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill: .....

Drill-hole No. 51
Total depth 155.0
Collar elev. 8193.2 T ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie 100' S. 84° W. of Hole #33

Claim CANYON #3
Date started 10/1/57
Date completed 10/2/57
Logged by MM

Summary of log SEMI-FAVORABLE; OBSS ..... Thick ..... ; SS color ..... ; MS ..... under OBSS ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	125.0	Plug				
125.0	131.5	MS	Gy,R-Br		N	Mottled, Sandy-Mbs
131.5	132.1	MS	Gy-Yw		N	
132.1	148.2	MS	Gy		S-A	Sandy Clay-Sandy Mbs
148.2	149.5	SS	Gy	MF-M	S	
149.5	152.8	MS	Gy-On		N	Altered Moenkopi
152.8	155.0	MS	R-Br		N	Moenkopi MS

y-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

B A R R E N

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DAVID [illegible]

Type of Drill: [illegible]

Drill-hole No. 52
Total depth 162.0
Collar elev. 6191.3 T P
Area San Juan Co. Utah

COORDINATES
North East
Tie 100' N. 35' W. of hole 233

Claim CANYON 3
Date started 9/30/57
Date completed 10/1/57
Logged by [illegible]

Summary of log FAVORABLE MINERALIZED; OBSS Thick ; SS color ; MS under OBSS ; Cbn

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	125.0	Alluv				
125.0	126.9	MS	Gy		S	
126.9	127.4	SS	Gy	F-M	S	
127.4	128.4	CG	Multi	F-Peb	N	Vari-colored Sand & MS Pebbles
128.4	144.0	MS	Gy-Dky		S-A	Bottom 2 ft. Some R-Br Spots
144.0	145.5	SS	Gy	MF-M	M-A	Sandy clay
145.5	149.8	SS	Gy-Wh	MF-MC	x S	Poorly-cemented
149.8	150.1	SS	Gy	MF-M		
150.1	155.8	MS-S	Gy-Gn		N	Altered Moenkopi & Moenkopi SS
155.8	162.0	MS	R-Br		N	Moenkopi MS

γ-Ray Log

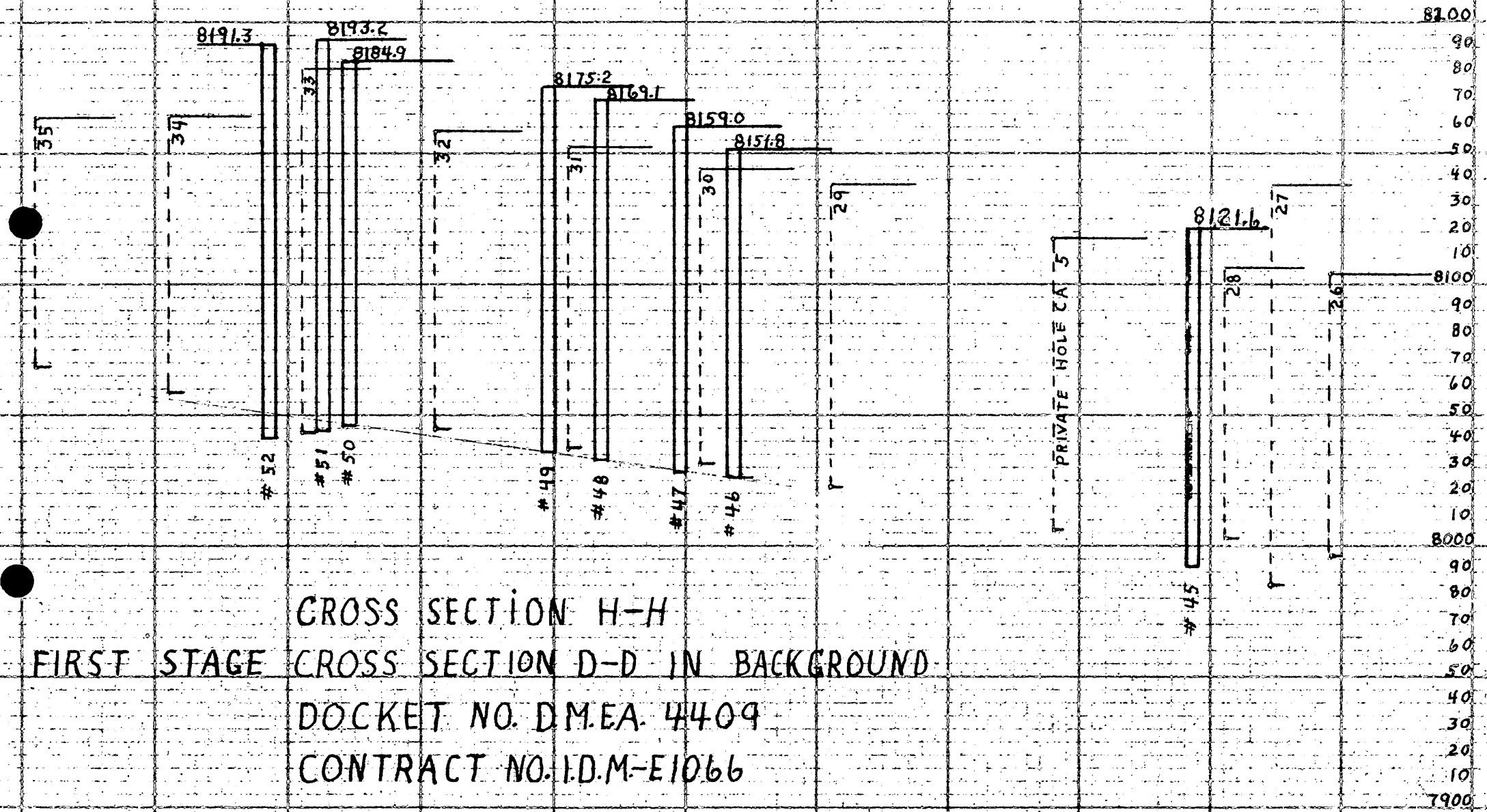
SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
144.5	0.8			.02-.03	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

Uranium Capital Print Shop
MOAB, UTAH



CROSS SECTION H-H

FIRST STAGE CROSS SECTION D-D IN BACKGROUND

DOCKET NO. D.M.E.A. 4409

CONTRACT NO. I.D.M.-E1066

FROM:

UTARCO URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

TO:

DALMID OIL & URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

Date - October, 1957

FOR:

Hole No	Date Start	Date Com-plete	Shifts	Item 1 Core @$3.50	Item 7 Plug @$1.25 @ ft.	Item 9 Bull-dozing @$12.00 @ hr.	Assays @$3.50	Stand-by $12.50	Core Boxes @ 75¢	Total Footage	Total Payments
45	10-10	10-10	1 4/8	32.5	100.0					132.5	245.00
46	10-9	10-9	1 3/8	29.0	100.0			½		129.0	232.75
47	10-8	10-8	1 3/8	29.0	105.0			½		134.0	245.25
48	10-4	10-4	1 1/8	25.0	115.0			1		140.0	243.75
49	10-3	10-3	1 3/8	25.0	120.0			1		145.0	243.75
50	10-2	10-2	1 2/8	29.0	115.0			½		144.0	245.25
51	10-1	10-2	1 4/8	30.0	125.0			0		155.0	280.00
52	9-30	10-1	2 3/8	37.0	125.0			1 ½		162.0	292.00
							4				14.00
									50		37.50
						3 Drill Sites and Roads 8.75					
Incidental Allowance											103.00
											456.60
Total				236.5	905.0	8 3/4	4	5.5	50	1141.5	2638.85
Total $s				827.75	1131.25	103.00	14.00	68.75	37.50	1141.5	2638.85

I certify that this is a true and proper statement from Utarco Uranium Corp., and it has not been paid.

Nov. 7, 1957 Chas E. Collins President

FINAL DISTRIBUTION

MADE NOV 18 1957

224 New Customhouse
Denver 2, Colorado
November 8, 1957

11/21 gb 220
" 7/21 110
~~5/17~~ 920

Memorandum

To: T. A. Christensen

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

Subject: Docket DMEA 4409 (Uranium) Contract Idm-[illegible]66, Dalmid Oil and Uranium, Inc., (April Butte, and ~~Canyon claims~~) San Juan County, Utah

Reference is made to our memorandum of September 26, 1957, by which we forwarded Form MF-104, Operator's Monthly Report and Voucher, for the period from August 1, through August 15, 1957, and recommended payment for 295 feet of core footage at the non-core drilling rate.

Enclosed are five sets of material consisting of the following data in conjunction with an adjustment of the previously disallowed core drilling footage which was paid for at the non-core drilling rate:

1. Copy of Operator's protest on the disallowance, dated October 12, 1957.

2. Copy of a joint memorandum report, dated October 23, 1957, from N. L. Archbold and M. H. Salsbury, pertaining to the disallowance.

3. Copy of the Acting Executive Officer's Analysis of the matter, dated November 1, 1957.

On the basis of material under Item 3, the following adjustment of reimbursement to the Operator is recommended,

Core footage previously accepted at non-core rate------ 295 feet
Excess core footage as determined by final analysis of the drilling data, by the Government (Item 3, above)---------- 130 feet

Core footage to be adjusted between core and non-core drilling rates---------- 165 feet

$278 44
278

11/13/57 Dma 58-59

Adjustment of Drilling Costs:

Acceptable cost for 165 feet of drilling at core drilling rate of $3.50 per foot	$577.50
Previously accepted cost for 165 feet at non-core drilling rate of $1.25 per foot	206.25
Net drilling costs to be reinstated	$371.25
Government participation at 75 percent	$278.44

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

JDC:hmh

cc: Chmn. Op. Comm. (2))
DMEA, DFC) w/copy of Items 1, 2 and 3
MF-104 file, Reg. III) listed above

Harshman)
Hasler)w/copy of Items 2 and 3 listed above
DMEA, G.Jct.)
Townsend
Chron

DMEA
RECEIVED NOV 21 1957

224 New Customhouse
Denver 2, Colorado

November 1, 1957

Memorandum

To: Files

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

Subject: Docket DMEA-4409 (Uranium) Contract Idm-E1066, Dalmid Oil and Uranium, Inc. (April Butte, and Canyon claims) San Juan County, Utah

I have reviewed a memorandum, dated October 23, 1957, from N. L. Archbold, U. S. Geological Survey, and M. H. Salsbury, U. S. Bureau of Mines, which makes recommendations regarding disallowances of certain core drilled footage completed under the subject contract.

The memorandum analyses the disallowance in three ways; one considers non-core drilling depths with reference to the inferred base of the Shinarump, and two consider non-core depths with reference to the inferred top of the Shinarump. I consider the analysis founded on the position of the inferred base of the Shinarump to be the most sound in view of the well defined lower contact (in contrast to a less well defined upper contact) and the fact that the Operator based his protest of disallowed core footage on the position of the inferred base of the Shinarump.

The entire problem resolves itself into a reasonable interpretation of the contract stipulation that core drilling shall start about at the top of the Shinarump, all drilling above this point to be non-core. I concur with the Archbold-Salsbury method of approach which utilizes geologic data available prior to the start of the drilling program, supplemented in part by data gained as holes were drilled, to establish inferred depths to the base of the Shinarump and thus to establish the inferred top of the Shinarump, the point at which core drilling was to start. This approach is technically sound, one which could be used by a reasonably competent Operator, and does not involve a depth determination of a particular hole <u>after</u> it was drilled, as contended by the Operator

It is my opinion that supervision of this project has not been as good as should be expected from a reasonably competent Operator.

Obvious errors in judgment are apparent and certain disallowances should be made. For example, 75 feet of non-core drilling were correctly estimated for drill hole No. 1, while in drill holes Nos. 2, 3, and 4, whose collar elevations were about 10 feet higher than drill hole No. 1 and whose locations were stratigraphically down dip from drill hole No. 1, 60 feet of core drilling were incorrectly estimated. The Government should not be penalized for such obviously poor judgment.

I wish to point out, however, that the Government's examining team consisted of experts in the field of uranium exploration on the Colorado Plateau, and it is unreasonable to expect such superior technical ability in the average DMEA operator. Accordingly, I have revised somewhat the disallowances recommended in the Archbold-Salsbury memorandum, using their method of approach but somewhat liberalizing their criteria.

In my analysis, I have used the basic data given in the Archbold-Salsbury memorandum. I have assumed a very liberal 30-foot maximum thickness for the Shinarump, as did they, and to establish a firm basis for the start of coring, the contract statement "about the top of the Shinarump" is administratively determined to be within a maximum of 10 feet above the inferred contact. This contrasts with the 5-foot limitation used in the memorandum. Please note that in my analysis all disallowances are based on the inferred position of the top of the Shinarump, a position based on surface data available to the Operator at the start of the program. No disallowances are based on actual positions of contacts as determined after drilling of specific holes was completed.

Attached is a table showing my recommended disallowances.

Original signed by
E. N. HARSHMAN

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

ENH:jy

cc: MF-104's (5)
Harshman
DMEA/DFC
Hasler
Townsend
Corres. file
Chron.

Hole Number (in sequence drilled)	Collar Elevation	Est. elevation base of Shinarump	Est. depth to base of Shinarump, feet	Est. avg. 1/ thickness of Members to be core drilled	Non-core drilling depths, feet			Excess core drilling footage to be paid at non-core drilling rates
					Calculated	Minimum 2/ Acceptable	As Drilled	
15	7947.7	7865.0	82.7	40	42.7	45	30	15
10	7912.7	7845.0	67.7	40	27.7	30	20	10
28	8105.8	7995.0	110.8	40	70.8	70	50	20
26	8104.6	7985.0	119.6	40	79.6	80	70	10
27	8137.4	7985.0	152.4	40	112.4	110	100	10
25	8071.5	7950.0	121.5	40	81.5	80	50	30
19	7955.8	7865.0	90.8	40	50.8	50	45	5
3	7910.4	7800.0	110.4	40	70.4	70	60	10
4	7914.7	7795.0	119.7	40	79.7	80	60	20
							Total	130
							Core footage previously paid for at non-core rate	295
							Footage to be adjusted between core and non-core rate	165

1/ Thirty feet estimated thickness of Shinarump, plus 10 foot maximum allowable differential for core drilling to assure coring of entire Shinarump.

2/ Rounded to 5 foot increments of drilling, which was stated as being considered necessary by Operator.

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA
DEPARTMENT OF THE INTERIOR
OCT 25 1957
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

OCT 25 1957

October 23, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: E. N. Harshman
J. William Hasler

From: N. L. Archbold
M. H. Salsbury

Subject: DMEA Docket No. 4409 (Uranium), Contract No. Idm-E 1056, Dalmid Oil and Uranium, Inc. (April, Butte, and Canyon claims), San Juan County, Utah.

In a letter dated October 12, 1957, Mr. Charles E. Collins, President of Dalmid Oil and Uranium, Inc., protests the Government's disallowance of 295 feet of core drilling, which was subsequently accepted at the non-core price. Mr. Collins bases his argument on two points: (1) competence of his field superintendent, Mr. M. F. Maher, who was employed for several years by the Government, during which time he became "well acquainted" with the area in which the operator's April, Butte, and Canyon claims are located; and (2) the Government disallowed cored footage after the core had been examined, but the operator did not have the advantage of this core before the hole was drilled, and therefore should not be held responsible for excessive cored footage, as non-core drilling depths were determined as accurately as possible with the existing information. Mr. Collins also cites apparent inconsistencies, on the part of the Government, in determining excessive cored footage. Because of the controversy the property and the project were reexamined by N. L. Archbold, geologist for the U. S. Geological Survey, on October 10, 1957. This examination serves as a basis for the following discussion of Mr. Collins' arguments.

The DMEA geologist's conclusions are based solely on an evaluation of the work and not on the competency of the operator's supervisor. It might be pointed out however that Mr. Maher was employed by the Geological Survey as a sample foreman and as such was under direct supervision of a project geologist who evaluated drilling results and set drilling depths. Mr. Maher, a non-professional employee, was not responsible for such determinations and, on the basis of the experience cited by Mr. Collins, is not necessarily competent to perform engineering and geologic functions. Mr. Maher's supervision of the subject project appears to be satisfactory in all but technical aspects.

The following analysis is made to show what can be expected in the control of drilling depths based only on data available to the operator at the time the determinations were made. According to Mr. Collins' letter the non-core drilling depths were calculated by assuming a thickness of 30 feet for the Shinarump, then non-core drilling to a point 30 feet above the estimated base of the Shinarump. Assuming a Shinarump thickness of 30 feet over the entire area is unwarranted, because the thickness is much less in exposures on the property. A maximum assumed thickness of twenty feet would have been more in keeping with the data gained from inspection of the outcrops. Data gained in the first few drill holes should have suggested to the operator that the average thickness of the Shinarump was less than 20 feet. But because one hole (D-11) penetrated nearly 30 feet of Shinarump sandstone, let it be conceded that there might be a slight basis for Mr. Collins' contention, and a thickness of 30 feet for the Shinarump member has been assumed. In addition, five additional feet of coring has been allowed in those holes in which coring is considered to have been started too soon. Actually the additional 5 feet is not really justified because considerable leeway has been given by using a thickness of 30 feet of Shinarump.

Mr. Collins states that in determining excess cored footage the Government has the advantage because the holes have already been drilled. The calculation of the non-core drilling depths made in this memorandum uses only information that was available prior to drilling or became available to the operator as drilling proceeded; thus, the Government geologist has no advantage, and it is not a case of hindsight being better than foresight. The data used are: (1) collar elevations of the drill holes, (2) horizontal positions of the holes, (3) horizontal and vertical positions at the base of the Shinarump, (4) corrected elevation of the base of the Shinarump obtained from 3 drill holes, and used to adjust the depths in holes drilled after the information became available, and (5) observed strike and dip of the formations. The operator's data on drill holes and observed elevation of Shinarump exposures is used. A local strike of S 60° E and dip of about 2-1/2 degrees to the southwest was measured on the property by N. L. Archbold using exposures of the Moss Back member of the Chinle formation. These could have been observed by the operator. Using the measured strike and the operator's elevations of Shinarump outcrops a general structure contour map on the base of the Shinarump can be drawn. Such a map is shown in the attached figure 1. Using the structure contour map and the known collar elevations of the drill holes the correct non-core drilling depths to a point 30 feet above the estimated base of the Shinarump can be estimated. It should be noted that the drilling should have been carefully watched as it proceeds northward from hole D-29 because the structure contours were extrapolated in the northern part of the drilling area. By checking the core in holes D-30, D-31, and D-32 as they are drilled, it is found that the elevation of the base of the Shinarump is increasingly lower in a northward direction than originally estimated. Certainly, by the time hole D-32 was drilled it should have been evident that the dip of

Table 1 (con't.)

Holes in sequence drilled	Collar eleva.	Actual eleva. of base of Shinarump	Operator's non-core drilling depths	Cored footage disallowed by Elston	Estimated eleva. of base of Shinarump	DMEA Estimate non-core drilling depths less 5 ft.	Depth to top of Shinarump as determ. by operator	Excess cored footage as calculated in this memo
23	8020.4	7924.5	60	10	7925	60	81.2	--
22	7979.8	7911.4	40	--	7915	30	49.8	--
21	7960.6	7907.7	40	--	7905	30	40.0	--
20	7951.7	7893.8	40	--	7890	25	40.0	--
19	7955.8	7866.3	45	10	7865	55	66.4	10
7	7892.0	7811.2	45	10	7830	25	62.7	--
6	7872.8	7791.0	40	10	7820	20	64.8	--
1	7903.7	7816.1	75	--	7810	60	75.0	--
2	7912.3	7814.9	60	15	7805	70	79.5	10
3	7910.4	7810.8	60	20	7800	75	81.6	15
4	7914.7	7802.6	60	25	7795	85	91.5	25
Totals				295				255

Table 2.--Actual cored footage above top of Shinarump as determined by operator.

Hole No.	Depth to top of Shinarump as determined by operator	Non-core drilling depth	Core taken above top of Shinarump	Disallow
15	72.4	30.0	42.4	32.4
16	63.9	45.0	18.9	8.9
17	78.5	65.0	13.5	3.5
18	71.5	50.0	21.5	11.5
14	55.0	55.0	--	--
13	46.2	35.0	11.2	1.2
12	79.2	55.0	24.2	14.2
11	73.9	55.0	18.9	8.9
10	45.9	20.0	25.9	15.9
9	72.0	40.0	32.0	22.0
8	77.5	55.0	22.5	12.5
29	98.2	70.0	28.2	18.2
30	92.5	85.0	7.5	--
31	96.8	75.0	21.8	11.8
32	91.6	80.0	11.6	1.6
33	119.3	95.0	24.3	14.3
34	87.7	75.0	12.7	2.7
35	75.3	70.0	5.3	--
36	79.6	70.0	9.6	--
37	79.7	65.0	14.7	4.7
38	66.1	60.0	6.1	--
28	84.0	50.0	34.0	24.0
26	87.1	70.0	17.1	7.1
27	130.8	100.0	30.8	20.8
25	98.0	50.0	48.0	38.0
24	108.0	95.0	13.0	3.0
23	81.2	60.0	21.2	11.2
22	49.8	40.0	9.8	--
21	40.0	40.0	--	--
20	40.0	40.0	--	--
19	66.4	45.0	21.4	11.4
7	62.7	45.0	17.7	7.7
6	64.8	40.0	24.8	14.8
1	75.0	75.0	--	--
2	79.5	60.0	19.5	9.5
3	81.6	60.0	21.6	11.6
4	91.5	60.0	31.5	21.5
Totals			683.5	364.9

$\frac{683.5}{37}$ = average of 18.5 feet of core per hole taken above top of Shinarump

Table 3.--Actual footage cored above top of Shinarump as determined by examining team from operator's drill logs.

Holes in sequence drilled	Depth to top of Shinarump as determined by examining team	Non-core drilling depths	Core taken above top of Shinarump	Disallow	
15	72.0	30.0	42.0	32.0	
16	63.9	45.0	18.9	8.9	
17	78.5	65.0	13.5	3.5	
18	71.5	50.0	21.5	11.5	
14	56.4	55.0	1.4	--	
13	46.2	35.0	11.2	1.2	
12	79.2	55.0	24.2	14.2	
11	73.9	55.0	18.9	8.9	
10	44.5	20.0	24.5	14.5	
9	65.2	40.0	25.2	15.2	
8	77.1	55.0	22.1	12.1	
29	91.2	70.0	21.2	11.2	
30	88.4	85.0	3.4	--	
31	96.8	75.0	21.8	11.8	
32	84.5	80.0	4.5	--	
33	98.2	95.0	3.2	--	
34	103.1	75.0	28.1	18.1	
35	83.6	70.0	13.6	3.6	
36	103.6	70.0	33.6	23.6	
37	83.0	65.0	18.0	8.0	
38	76.3	60.0	16.3	6.3	
28	90.4	50.0	40.4	30.4	
26	91.4	70.0	21.4	11.4	
27	129.2	100.0	29.2	19.2	
25	101.7	50.0	51.7	41.7	Shinarump* absent
24	107.3	95.0	12.3	2.3	" "
23	84.9	60.0	24.9	14.9	" "
22	53.4	40.0	13.4	3.4	" "
21	40.0	40.0	--	--	" "
20	53.3	40.0	13.3	3.3	
19	80.0	45.0	35.0	25.0	
7	77.6	45.0	32.6	12.6	
6	66.8	40.0	26.8	16.8	" "
1	75.0	75.0	--	--	
2	83.4	60.0	23.4	13.4	
3	90.0	60.0	30.0	20.0	
4	110.6	60.0	50.6	40.6	
Totals			792.1	459.6	

Average 22.6 feet per hole

* Where the Shinarump is absent, the top is estimated as being 15 feet above the top of the Moenkopi formation.

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

DMEA
RECEIVED NOV 21 1957
DATE | IN FILES | CASE

October 12, 1957

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

Re: Docket DMEA-4409 (Uranium)
Contract Idm-E1066
Dalmia Oil & Uranium, Inc
(April, Butte & Canyon Claims)
San Juan County, Utah

Dear Mr. Harshman:

Recently your office disallowed monies for Core Drilling, and we hereby ask you to reconsider this act after you have studied these reasons for asking you to do so.

This work was done under the supervision of M. H. Maher, a man who met with your requirements when the contract was made, and you had his history in the application. I invite you to review his history. He is a man with a lot of Know-how, and is well acquainted in that immediate area, or the Government would not have kept him there for years.

RE HOLE #15.....Your Field Man approved only 30 feet of coring, above the Contact. This was our first hole, and we were feeling for contact and Shinarump thickness, but in hole #II he approved 41.9 feet above contact, and condemned 5 feet. In two other holes, #3 and #35, he set the plug depth to less than 20 feet above the contact, by condemning all coring above that point. After establishing the fact that the Shinarump Member reached 30 feet and more in hole #II, we used 30 feet above the estimated contact, as a possible thickness. WHAT MEASURE DOES YOUR FIELD MAN USE?

Let us take the 6 holes, in which you condemned 5 feet of coring. Five feet of plugging is one unit. By that, we mean it is common practice to set plug depths in even 5 foot depths. Is this not true? Therefore, if we differed with your Field Man just one foot, in where the plug should be set, we would use a 5 foot unit. There is no definite contact between the Chinle and the Shinarump as there is between the Shinarump and the Moenkopi.

This Contact, when laid out in Core, is at times, to put it mildly, CONTROVERSIAL. Your Field Man had the great advantage of setting his plug depths from Core. We had to set ours from the SURFACE, and before the holes were drilled, yet ~~you do not~~ concede, in these 6 holes, that we should differ with you even one foot, without paying for it ourselves.

Please lay out the colored Cross Sections and you will see the inconsistency that we are talking about. The red line indicates 30 feet above the contact, our target. We use the word TARGET because we were supposed to start coring "AT ABOUT" the Chinle-Shinarump contact. The words "AT ABOUT", and the fact that the contact is indefinite before drilling, should give us more than a 5 foot lee-way. The ORANGE COLOR indicates the depth we plugged. The GREEN is the coring approved by Mr. Elston, therefore, the top of the GREEN is Mr. Elston's plug depth.

NOTE THE LARGE DISTANCE BETWEEN hole #28 and #29. The plug depth was pulled up on these two holes, due to this extra distance, and the fact that the drift from which we shipped ore, indicates a Channel between them. You approved the move in #29, BUT CONDEMNED IT IN HOLE #28. We do not understand this.

Please note, that by running a line along your approved plug depths in holes #30-31-32, that they follow well with the normal dip, and then continue said line across hole #33, and your plug depths drops about ONE HALF the condemned coring. WHY? There is no positive indication on the surface that the channel or scour existed there. We, too, could have done this from Core.

NOTE IN SECTION D-D, how Mr. Elston's plug depths conform to the established bottom (ESTABLISHED BY DRILLING), against the normal dip, as run from contact in hole #35 to hole #38. Surely, we were not expected to detect this channeling from the surface, and to drop our plug depths, as you did FROM CORE.

FROM A LEGAL ASPECT.....We were allowed 40 feet average per hole to explore the ground, and the privilege of requesting more units to be moved from the second stage, if needed, to do a good job. WE USED AN AVERAGE OF 41 feet per hole.

#3 - E. N. Harshman October 12, 1957

Mr. Harshman, what we find in a completed hole will INDICATE, but will not GUARANTEE, what will be found in a hole 250 feet away, SO EACH HOLE BECOMES AN INDIVIDUAL EXPLORATION. Therefore, we do not understand your approving 41.9 feet of coring, plus the 1 to 10 feet allowed below contact in one hole (#II), and then insist the plug depth should have been lowered to less than 20 feet from contact in others, namely #3 and #35.

OUR DRILLING SUPERINTENDENT assures us that he will use his best judgment in the drilling of the second row of holes that you have approved, without plugging part way through the thick Shinarump Member. We feel, however, that knowledge of the upper Shinarump Sands, even though it is hard and non-commercial, may be of benefit, if only to use them as a back for a drift to save timbering.

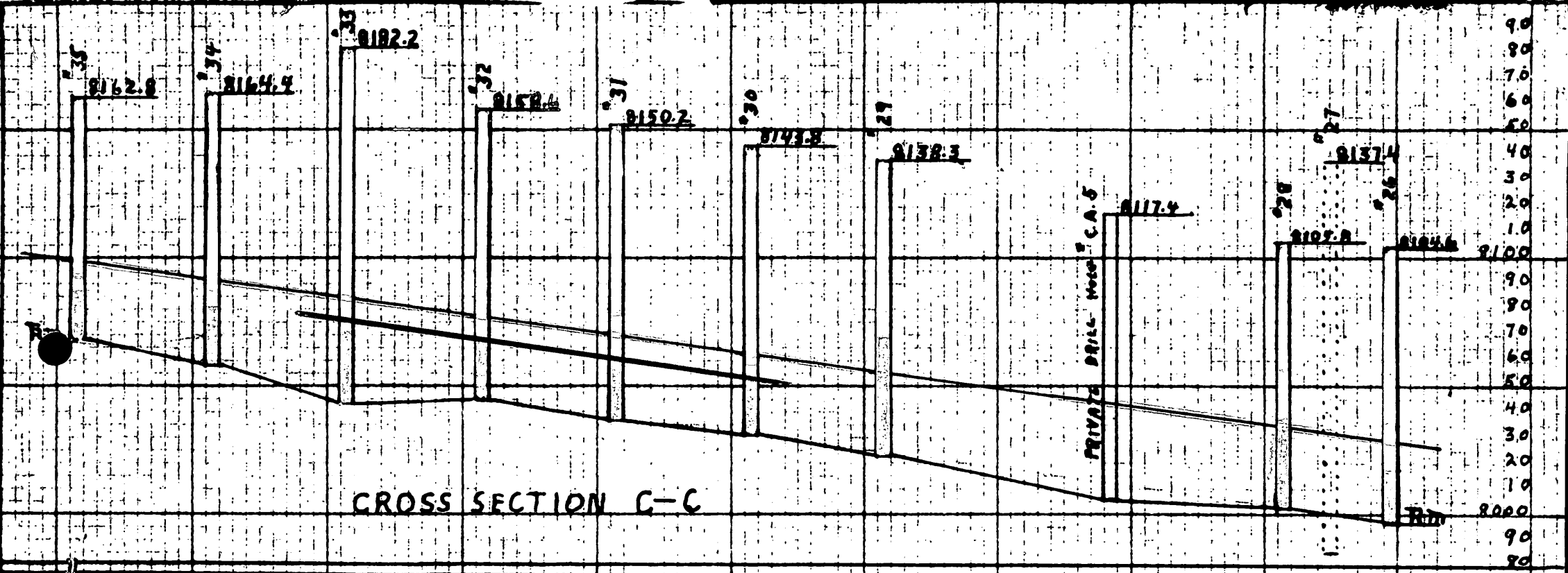
Mr. Harshman, our original agreement was to go in and spend $25,000 to explore this area. We feel that this is a minimum amount to prove anything, and we want to make this loan ONE THAT YOU WILL BE PROUD OF, but if we give up before we finish the agreed upon program, what will it have gained anyone?

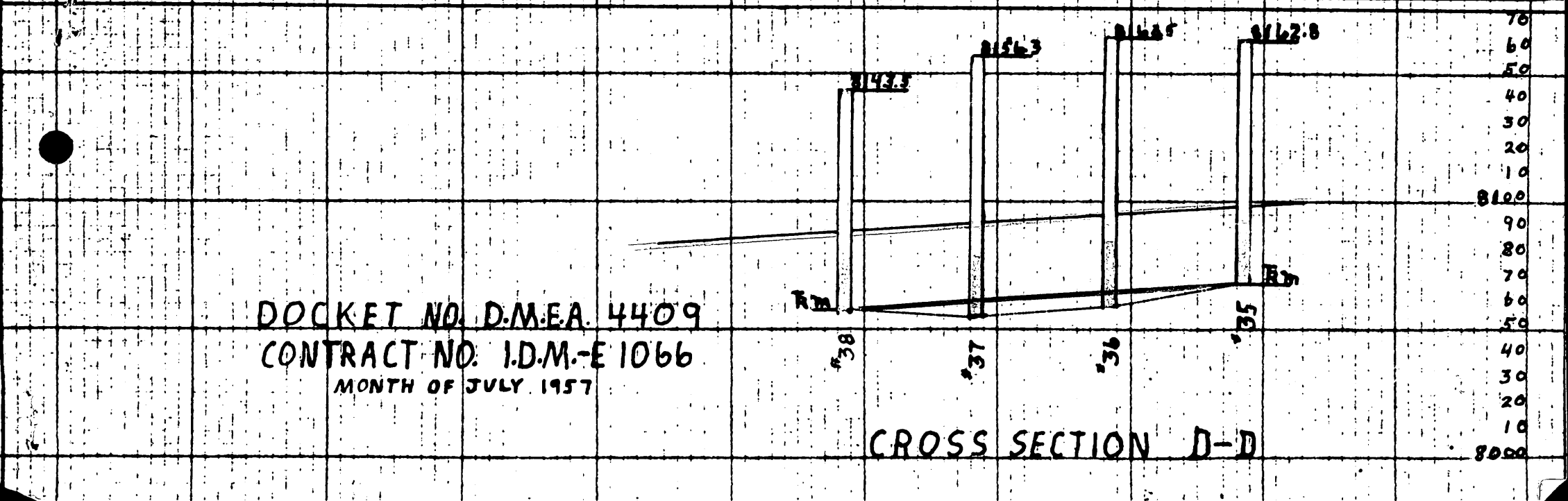
THE WHITE CANYON MINING COMPANY is drilling toward us, just as hard as they can. They are using three or four drills, and working right up DEER FLATS toward our claims.

Help us, Mr. Harshman. Snows are coming, and we are anxious to make this a proven area in 1957. Please allow this footage that you have disallowed.

Thank you very much,

c/a Chas. E. Collins





DOCKET NO. D.M.E.A. 4409
CONTRACT NO. I.D.M.-E 1066
MONTH OF JULY 1957

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

DMEA
DEPARTMENT OF THE INTERIOR
Budget Bureau No. 42-R1036.5

SEP 12 1958
REGION III
DENVER, COLORADO

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

Month of August, 1958 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Delmid Oil and Uranium, Inc. Minerals Uranium
Address Box 1590, Wichita Falls, Texas
Contract Amount, $ 25,441.00 Government Participation 75 % Amount, $ 19,080.00

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:		Stage I				
Drilling	-	7898.50	-			
Bulldozing	-	1200.00	-			
~~Crosscutting~~ Standby	-	317.57	-			
~~Pipe~~ Standby*	4.50	-	4.50			
Incidental	-	1522.40	-			
(2) ~~Labor and Supervision~~: Analyses	-	52.50	-			
Labor	4.50	10990.77	10995.27			
Supervision		Stage II				
~~Crosscutting~~ Drilling	2166.75	4619.75	6786.50			
(3) ~~Equipment~~:						
~~Tractor~~ Bulldozing	-	1200.00	1200.00			
~~Pipe~~ Standby	93.75	156.75	268.75			
~~Pipe~~ Standby*	38.25	-	-			
~~Track~~ Incidental	565.20	1101.40	1666.60			
Analyses	-	24.50	24.50			
Total Stage II	2865.95	7082.40	9935.60			
(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):						
*Cost not claimed on July report						
TOTALS	~~2868.45~~	~~18073.17~~	~~20941.62~~	~~2870.45~~	~~18,754.92~~	~~21,605.37~~
				2,663.75	2,663.75	

I certify that the above bill is correct and just and that payment therefor has not been received.
Date Aug. 29, 1958 *Payee Delmid Oil & Uranium, Inc.
Per Raymond C. Rolack Title Agent

*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)

Previously disallowed 50% Withheld

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of: 20941.62
18,071.17
84
$1652 —

Signature
(Authorized Certifying Officer)
Date 9/29/58 Vou. No. DMEA 59-42
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Tdm-E1066 in accordance with the terms of the contract.

Signature H. F. Robertson #2151.34 Title Mining Engr. Date 9/11/58

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

Signature E. M. Kinsman Title Acting Executive Officer Date SEP 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

DMEA
DEPARTMENT OF THE INTERIOR
SEP 12 1958
REGION III
DENVER, COLORADO

RECEIVED
SEP 8 1958
D.M.E.

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

Month of August 1958 Docket No. DMEA 4409 Contract No. Idm-21066

Operator's Name Dalmid Oil and Uranium, Inc. Minerals Uranium

Address Box 1590, Wichita Falls, Texas

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						
Non-core drilling	ft.	-	-	3012.50	2410	1.25	2850	1.25
Core drilling	ft.	-	-	4886.00	1396	3.50	1520	3.50
Bulldozing	hr.	-	-	1200.00	100	12.00	100	12.00
Standby	hr.	-	-	521.87	25.75	12.50	40	12.50
Standby*	hr.	4.50	1	-	-	4.50	-	-
Incidental	ft.	-	-	1522.40	3806	0.40	4370	0.40
Analyses	spl.	-	-	52.50	15	3.50	30	3.50
Total Stage I		4.50		10993.27				
		Stage II						
Non-core drill	ft.	1345.75	1235	4351.25	3465	1.25	3000	1.25
Core drilling	ft.	623.00	178	2455.25	701.5	3.50	1600	3.50
Bulldozing	hr.	-	-	1200.00	100	12.00	100	12.00
Standby	hr.	93.75	7.5	268.75	21.5	12.50	40	12.50
Standby*	hr.	50.25	0.5	-	-	4.50	-	
Incidental	ft.	565.20	1413	1666.60	4165.5	0.40	4600	
Analyses	spl.	-	-	24.50	7	3.50	33	3.50
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Stage II		2853.95		9946.35				
Total Costs		2858.45		20941.62				

Total Distributed Costs

Total Costs Authorized by Contract

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.

Aug. 29, 1958 Dalmid Oil & Uranium, Inc.

Date Operator

Per Raymond C. Polcek Title Agent

→ 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: H.F.R.

* Costs not claimed on July report.

(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

224 New Customhouse
Denver 2, Colorado
Sept. 25, 1958

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 4409 (Uranium) Contract Idm-K1066, Dalmid Oil and Uranium, Inc., (April, Butte, and Canyon claims) San Juan County, Utah - Operator's Monthly Progress Report for the month of August, 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.

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 MF-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.

Reinstatement, Bulldozing Costs

The contract provides for 100 hours of bulldozing time under Stage II of the contract. The Operator has reported 100 hours of bulldozing at $12.00 per hour for a total of $1200.00, but has been reimbursed for the Government's portion of only $1198.00. The amount of $2.00 is to be reinstated.

Reinstate Bulldozing costs---------- $ 2.00

Withhold an amount of $500.00 from reimbursement to the Operator pending resolution of matters prerequisite to closing the account. All approved work under the contract

completed and sufficient non-core drilling footage does not remain to permit completion of an additional hole. The contract is considered to be completed.

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

Amount reported on Form MF-104 for August, 1958	$2868.45
Amount to be reinstated	2.00
Total acceptable costs for August, 1958	$2870.45
Government participation at 75 percent	2152.84
Amount to be withheld	500.00
Balance due the Operator	$1652.84

Remarks:

Date of Report----------August 29, 1958
Date Received in Field Office----------September 2, 1958
Date Received in Region Office--------September 12, 1958

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

Enclosures

JDC:hmh

cc: Chum. Op. Comm. (2)
MF-104 file, Reg. III
Robertson, GMR/G.Jct.
GME/EPC
Harshman } w/copy of Engr's report
Hasler
Cooper
Chron

DMEA
DEPARTMENT OF THE INTERIOR

SEP 12 1958
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

September 11, 1958

Memorandum

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

From: H. F. Robertson

Subject: Docket No. DMEA 4409 (Uranium), Contract Ida-E 1066, Dalmid Oil and Uranium, Inc. (April, Butte, and Canyon claims), San Juan County, Utah. Progress report for August 1958

Work continued on the authorized second stage drill holes during the period covered by the operator's claim. Six holes were completed and, since none of the holes penetrated significant mineralization, represent the final work performed under the subject contract. The project was visited on September 10, 1958, by H. F. Robertson accompanied by J. W. Hasler, USGS.

The operator's claim (received at Grand Junction on September 2, 1958) covers the costs incurred in the completion of 1,235 feet of non-core drilling and 178 feet of core drilling in 6 drill holes as follows:

Fixed Unit Cost Items:

Non-core drilling	- 1,235 feet at $1.25/ft.	$ 1,543.75
Core drilling	- 178 feet at $3.50/ft.	623.00
Standby	- 7½ hours at $12.50/hr.	93.75
*Standby	- 1 hour at $4.50/hr.	4.50
* Standby	- 8½ hours at $4.50/hr.	38.25
Incidental allowance	- 1,413 feet at $0.40/ft.	565.20
Total claimed for August 1958		$ 2,868.45

* Standby time on June-July 1958 report claimed at only $8.00/hr. Form MF-200A contract allows $12.50/hr. as a fixed unit cost. Thus, these items represent the difference between the amount claimed and the amount stipulated by the contract (see letter dated 9/4/58 from J. W. Townsend to the operator).

All of the work was performed at "Fixed Unit Costs" under the short form contract on Form NF-300A, therefore, documentation of the costs is not required. The hole locations and cored intervals were checked during the field inspection and conform to contract specifications and subsequent work approvals. The non-core footage required to complete the six holes exceeded the maximum units originally allowed by the contract, but Amendment No. 5 (effective August 25, 1958) provided for a transfer of core footage to non-core footage. The maximum non-core footage, as amended, was not exceeded.

The exploration program under the subject contract is now completed and no more work will be requested or recommended. The project did not result in the discovery of any minable quantities of uranium ore and the operator is requesting termination of the project in it's present status.

The inspecting engineer recommends payment of $2,151.34, representing 75 percent of $2,868.45, the amount claimed for operations during August 1958.

H. F. Robertson

H. F. Robertson
Mining Engineer

Table 1.--Summary of drilling operations during August 1958
DMMA 4409 Contract IAm-X 1066

Hole No.	Drill Footage			Mineralization	
	Non-core	Core	Total	Radiometric	Chemical
D - 61	145	41	186	Barren	--
D - 66	225	23	248	Barren	--
D - 67	225	39	264	Barren	--
D - 68	240	29	269	Barren	--
D - 69	225	28	253	Barren	--
D - 70	175	18	193	Barren	--
Totals	1,235	178	1,413		

DMEA
DEPARTMENT OF THE INTERIOR

SEP 12 1958
REGION III
DENVER, COLORADO

535 Orchard Avenue
Grand Junction, Colorado

August 29, 1958

Mr. J. W. Townsend
DMEA
224 New Customhouse
Denver 2, Colorado

Dear Mr. Townsend:

The following is the monthly report (and last) for August on the Dalmid 4409 project on Elk Ridge, Utah. A total of six holes were drilled this month. Since no significant uranium deposit was found the project is terminated as of this date.

Enclosed are 6 copies each of:

2 financial sheets
1 narrative for August, 1958
1 map (No.4)
6 logs of holes 61, 66, 67, 68, 69 and 70.

The final report will follow shortly.

Sincerely yours,

Raymond C. Robeck

Raymond C. Robeck,
Consulting Geologist
Agent for:
Dalmid Oil & Uranium, ~~Corp~~ Inc.

CC: Collins

DALMID OIL & URANIUM ~~CORP~~. inc
DMEA Project 4409
Elk Ridge, San Juan County, Utah
April, Canyon et al claims

Narrative for August 1958

All the drilling this month was part of the Stage II drilling in the South area to explore further the April and Butte channels.

Hole D-61

The collar elevation is 8024. The Moenkopi was encountered at a depth of 184 feet with approximately 27 feet of Shinarump above it. The hole seems to be in but on the south edge of the April (north) channel. The Shinarump is about one-half leached. The hole is barren.

Holes 60, 63, 64 and 65 were not drilled because it did not seem necessary when holes 61 and 62 found the channel but showed that any possible uranium was probably leached out.

Hole D-66

This was the first of several holes drilled from on top of the Moss Back. The Moss Back drilled fairly easily, having only a few cemented streaks. However, water circulation was often lost in the Moss Back, and nearly always lost at the base of the Moss Back. The collar elevation is 8081. The Moenkopi was encountered at 247 feet giving a total of 18 feet of Shinarump. This indicates the hole is up on the south side of the April channel. The hole is only slightly leached but barren.

Hole D-67

The collar elevation is 8089. The Moenkopi was encountered at 262 feet making a total of 27.5 feet of Shinarump. This means the hole is in the April channel, but that some sort of complex braiding or terracing condition may exist between holes 66, 67 and 68. The hole is only slightly leached but is barren.

Hole D-68

The collar elevation is 8098. The Moenkopi was encountered at 268 feet making a total of 27 feet of Shinarump. This indicates the hole is on some sort of terrace in the April channel, which is 2 feet higher than the base of the channel in hole 67. The hole is only slightly leached but is barren.

Hole D-69

This hole was drilled 200 feet down dip and down channel (SW) from Hole 67. The collar elevation is 8060. The Moenkopi was encountered at 251.5 feet making a total of 26.5 feet of Shinarump. The hole is deep in the thalwag of the April channel and is only very slightly leached but is barren.

Hole D-70

This hole was drilled 75 feet N 50° W from Hole 39 which was mineralized. The collar elevation is 7976. The Moenkopi was encountered at 188 feet making a total of 16 feet of Shinarump. The hole seems to be about 3 feet deeper in the Butte(?) channel but the hole is barren except for about .02 U_3O_8 in the dark mudstone at 186 feet.

the Shinarump had flattened in the northern part of the drilling area. Thus the structure contours in the no thern part of the area are adjusted by extrapolation of the position of the base of the Shinarump as found in holes D-30, D-31, and D-32. The non-core drilling depths for holes D-33 through D-38 are then recalculated using the adjusted structure contours. Table 1 shows the non-core drilling depths calculated by the methods outlined.

Note that, by using this method of calculating non-core drilling depths, only one hole (D-33) would have been non-core drilled into the top of the Shinarump as placed by the examining team, or only 4 holes (D-26, D-35, D-37, D-38) would have been non-core drilled into the top of the Shinarump as placed by the operator (table 1).

Thus, using the method which the operator claims to have used, there is an unwarranted excess cored footage of 255 feet (table 1). The operator has been given every advantage in these calculations. He should have used data made available from holes as they were drilled, whereas the DMEA calculations are made from data available at the start of the project and not adjusted until after holes D-30, D-31, and D-32 were drilled. The operator's assumed thickness of 30 feet for the Shinarump was used whereas the examining team feels an assumed thickness of 20 feet is a more reasonable figure (data from the operator's drill logs gives an average thickness of 17.4 feet and this is believed to be slightly excessive). In addition another five feet of coring has been allowed in those holes which the DMEA examiners consider that the operator started coring too high.

Calculation of non-core drilling depths using the estimated top of the Shinarump is also feasible but the operator's maps do not give elevations on the top of the Shinarump outcrops. Moreover, the operator feels that the top of the Shinarump is a "controversial" contact. The examining team does not feel that the contact at the top of the Shinarump is as "controversial" as Mr. Collins implies. A calculation of drilling depths can be made based on the contact as picked by the operator. In table 2 it is shown that the operator cored an average of 18.5 feet above the top of the Shinarump in each hole. If a maximum of 10 feet of core above the top of the Shinarump, as determined by the operator is permitted, a disallowance of 364.9 feet of core drilling could be made (table 2).

Table 3 shows where the examining team would place the top of the Shinarump in each hole. If the top of the Shinarump, as determined by the examining team, is used; the operator cored an average of 22.6 feet above the top of the Shinarump in each hole. In this case 459.6 feet of coring would be disallowed if a maximum of 10 feet of core above the top of the Shinarump were allowed.

The disallowance of 295 feet of core drilling which the Government has made is very lenient in the judgement of the examining team. The figure of 255 feet of excess core footage, as analyzed in table 1, allows for greater leeway in setting the drilling depths than the Government is justified in permitting, if reasonably competent performance in the project is required.

On the foregoing basis, any adjustment of the disallowance already made is not considered to be justified by the examining team and is not recommended.

The operator, as well as the Government, has been subject to unnecessary expense in the operation of the project and certainly had no intention of incurring greater costs than were necessary. If claimed costs and footages are considered as justified to the extent that they do not exceed contract maximums and that excessive coring should not be disallowed because poor judgement was exercised by the operator's supervisor, then the coring claimed in Stage I, 1,507 feet, could be allowed.

The objective of the project, to explore the Shinarump member for mineralization in possible channels or scours, appears to have been accomplished with negative results. The last Stage II drilling proposed by the operator was not justified in the judgement of the examining team and was denied. There is no evidence of the presence of favorable channeling or mineralization on the property from drilling completed to date.

N. L. Archbold

N. L. Archbold,
Geologist

M. H. Salsbury

M. H. Salsbury,
Mining Engineer

NLA/bh
Enclosures

Table 1.--Comparison of operator's non-core drilling depths and depths estimated using inferred base of Shinarump. Holes listed in the order in which they were drilled.

Holes in sequence drilled	Collar eleva.	Actual eleva. of base of Shinarump	Operator's non-core drilling depths	Cored footage disallowed by Elston	Estimated eleva. of base of Shinarump	DMEA Estimate non-core drilling depths less 5 ft.	Depth to top of Shin. as determ. by operator	Excess cored footage as calculated in this memo
15	7947.7	7868.1	30	20	7865	50	72.4	20
16	7939.7	7860.1	45	5	7865	40	63.9	--
17	7955.8	7859.9	65	--	7860	60	78.5	--
18	7938.2	7849.6	50	5	7855	50	71.5	--
14	7939.8	7876.9	55	--	7860	45	55.0	--
13	7928.1	7868.1	35	--	7855	40	46.2	5
12	7948.1	7863.3	55	--	7855	60	79.2	5
11	7947.8	7846.0	55	5	7850	65	73.9	10
10	7912.7	7848.5	20	15	7845	35	45.9	15
9	7924.8	7837.5	40	15	7845	45	72.0	5
8	7913.5	7821.9	55	--	7835	45	77.5	--
29	8138.3	8022.8	70	--	8030	75	98.2	15
30	8143.8	8031.7	85	5	8045	65	92.5	--
31	8150.2	8036.4	75	15	8055	60	96.8	--
32	8158.6	8044.6	80	10	8070	55	91.6	--
33	8182.2	8043.2	95	15	8045	100	119.3	5
34	8164.4	8057.8	75	10	8050	80	87.7	5
35	8162.8	8068.6	70	5	8050	80	75.3	10
36	8163.5	8059.5	70	5	8050	80	79.6	10
37	8156.3	8055.8	65	10	8050	70	79.7	5
38	8143.5	8059.5	60	--	8045	65	66.1	5
28	8105.8	8002.3	50	20	7995	75	84.0	25
26	8104.6	7996.7	70	15	7985	85	87.1	15
27	8137.4	7985.2	100	20	7985	115	130.8	15
25	8071.5	7954.8	50	--	7950	85	98.0	35
24	8063.5	7941.2	95	--	7935	95	108.0	--

DRILL HOLE LOG

Logged For: Dalmid Oil & Uranium 4409

Type of Drill: Joy

Drill-hole No.: D-61
Total depth: 186
Collar elev.: T 8024 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 8/1/58
Date completed: 8/5/58
Logged by: R.C. Robeck

Summary of log: Semi favorable; OBSS 157-188 Thick 27; SS color brn, gy; MS under OBSS gy:1; Cbn: N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	10					Surface fill
10	105	Ms	gy			Monitor Butte
105	111	SS	gy			" "
111	125	Ms	gy			" "
125	145	Ms	red			Plug to 145
145	157	ST	Pp			some sdy Ms, Bx core
157	158	SS	Pp	F-M		Shina rump
158	159.8	SS	Pp	M-C		
159.8	170.7	SS	brn, gy,	C-M		Pp, some asphaltic spots
170.7	171.4	SS	Pp	C-M		silty
171.4	172	SS	brn	M-C		" , Ms at 172
172	172.7	SS	Pp	F-C		
172.7	174.2	SS	gy, br	F-C		Pp strks
174.2	176.5	SS	Pp	F-C		some Ms
176.5	177.5	SS	gy, Pp	C		Ms
177.5	177.7	SS	Pp	M		
177.7	178.6	SS	gy, br	C		
178.6	178.9	SS	r, Pp	M		
178.9	179.7	SS	gy	C-F		some Pp
179.7	180	Ms	Pp red			sdy
180	182	SS, ST	gy, br			silty
182	184	SS	gy, br	C-M		"
184	184.1	Ms	gy			Moenkopi
184.1	186	Ms	red			"

y-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. D-61

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 66
Total depth: 248
Collar elev.: T 8081 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 8/10/58
Date completed: 8/11/58
Logged by: R. C. Robeck

Summary of log: Semi favorable; OBSS 229-247 Thick 18; SS color gy; MS under OBSS red; Cbn N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	10	SdyMs	brn			Petrified Forest Member Chinle
10	93	SS	brn			Moss Back
93	177	MS,sdy	gy			Monitor Butte Mn
177	182	SS	gy			" "
182	188	Ms	gy			" "
188	190	SS	gy			" "
190	195	Ms	gy			" "
195	225	MS,ST	red	sdy		" " Plug to 225
225	229	ST,	Pp	sdy		mottled - " Bx core
229	-232.1	SS	Pp	F		Shinarump
232.1	232.5	SS	gy-red	C		
232.5	232.7	SS	gy	c		
232.7	234	SS	Pp red	C-F		
234	247	SS	gy	C		
247	248	Ms	red			Moenkopi

y-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 66

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 67
Total depth: 264
Collar elev.: T 8089 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 8/5/58
Date completed: 8/7/58
Logged by: R. C. Robeck

Summary of log: Semi favorable; OBSS 234.5-262 Thick 27.5; SS color gy; MS under OBSS red; Cbn. N

DEPTH From	DEPTH To	DESCRIPTION Rock	Color	Grain	Carbon	REMARKS
0	10	Ms, SS	gy-brn			Petrified Forest Mn. - Chinle
10	70?	SS	brn			Mass Back
70	120	Ms	gy			Monitor Butte
120	150	ST, sdy	gy			"
150	205	Ms	gy			"
205	225	Ms	red			" Plug to 225
225	234.5	ST sdy	Pp			Mottled " Bx core
234.5	235.6					"
234.5	248	SS	gy-, brn	C		Shinarump
248	257.2	SS, Ms	Pp	C-F		some mottled
257.2	262	SS	gy	C		some Ms strks.
262	264	Ms	red			Moenkopi

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 67

DRILL HOLE LOG

Logged For: Dalmid Uranium-4409

Type of Drill: Jay

Drill-hole No.: 68
Total depth: 269
Collar elev.: T 8098 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 8/8/58
Date completed: 8/9/58
Logged by: R.C. Robeck

Summary of log: Semifavorable; OBSS 241-268 Thick 27; SS color gy; MS under OBSS gy; Cbn N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	20	MS,ST,SS	brn			Petrified Forest Mn-chinle
20	99	SS	brn			Mass Back
99	172	MS	gy			Monitor Butte, sdy
172	175	SS	gy			" "
175	212	MS	gy			" sdy
212	240	MS,ST	red	sdy		" Plug to 240
240	241	MS	gy, Pp			" Bx core
241	243	SS	gy, Pp	C-F		shinarump
243	248.5	SS	brn, gy	C		some ashalt
248.5	252.5	SS	Pp red	F-M		silty
252.5	252.9	SS	gy	C		
252.9	253	SS	gy	C		
253	263	SS	gy	C		some brn spots & strks
263	268	Congl	gy	C		some pebbles = 1"
268	268.1	MS	gy			Moenkopi
268.1	269	MS	red			"

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 68

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No. 69
Total depth 253
Collar elev. T 8060 P
Area Elk Ridge Area, Utah

COORDINATES
North East
Tie 200' SW of D-67

Claim
Date started 8/25/58
Date completed 8/27/58
Logged by R. C. Robeck

Summary of log Semi favorable ; OBSS 225-251.5 Thick 26.5 ; SS color gy ; MS under OBSS gy - .1' ; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	80	SS	brn	F-M	N	Moss Back
80	205	MS, SS	gy			Monitor Butte
205	225	MS, ST, SS	red			" " plug to 225
225	227	SS	Pp, r, gy	F		shinarump? Bx core
227	229	SS	Ppr	F-M		
229	232.4	SS	Ppr	F-M		
232.4	235	SS	gy & brn	C-F		some Pp strks
235	237	SS	gy, brn	C		gy Ms strks, 1 red strks
237	238	ST, SS	dark gy		S ?	
238	238.4	SS	gy, brn	C		
238.4	238.8	Congl	gy, brn	C		qtz & Ms breccia
238.8	240	SS	gy, brn	C		pink cast, strks gy
240	240.4	Ms	gy			
240.4	243.6	SS, Congl	gy, pink	C		some brn strks, some clay inclusions
243.6	243.8	SS	red	M-C		
243.8	245.4	SS	gy, brn	M-C		banded, some red strks
245.4	245.9	SS	dark gy	F-M	S ?	banded
245.9	247.8	Congl	brn, gy	C		qtz, clay inclusions
247.8	247.9	Clay, SS	gy	F		
247.9	250.8	SS, Congl	gy	C-M		minor brn, has pyrite, clay (A)
250.8	250.9	Ms	Li gy			
250.9	251.5	SS	gy	C		pink
251.5	251.6	Ms	Li gy			Moenkopi
251.6	253	MS	red			"

γ-Ray Log 0 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 69

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 70
Total depth: 193
Collar elev.: T 7976 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie: 81 Ft. N50°W from D-39

Claim:
Date started: 8/27/58
Date completed: 8/28/58
Logged by: R. C. Robeck

Summary of log: Semi favorable OBSS 172-188 Thick 16; SS color 94; MS under OBSS 94; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	20					Surface fill
20	155	Ms, sdy	94			Monitor Butte
155	172	Ms, ss	red	F		" " plug to 175
172	183	Ms, sdy	Pp & 94	Mottled		Shinarump Bx core
183	187	Ms	Drk gray		S	sdy
187	188	SS	Med 94	F-C	S	Y2 MS
188	188.9	Ms	94			some red strks. Moenkopi
188.9	193	Ms	red			Moenkopi

γ-Ray Log 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white
Br—brown
R—red
Gy—gray
Bl—blue
Gn—green
Yw—yellow
Bk—black
Pp—purple
Cbn—carbon
OBSS—ore bearing sandstone
CG—conglomerate
SS—sandstone
MS—mudstone
ST—siltstone
F—fine
M—medium
C—coarse
N—none
S—sparse
A—abundant

Hole No. 70

Dma 58-29

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
REGION III
[redacted]

FINAL DISTRIBUTION
MADE OCT 1 1957

Administrative Audit Difference Statement

[redacted]

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

[redacted]

DMEA-4409

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

Amount Claimed	$	[redacted]
Difference	$	[redacted]
Amount Approved	$	[redacted]

The reason for the difference was due to:

[redacted]

[redacted]	[redacted]
[redacted]	[redacted]
[redacted]	[redacted]

EXTRA COPY
DMEA
RECEIVED OCT 4 1957

DATE	[redacted]	CODE
10/4	929	110
	~~Expl~~	~~900~~

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

Very sincerely yours,

RRC

~~XXXXXXXXXXX~~ Randel R. Cooper
~~XXXXXXXXXXXXX~~ Fiscal Officer, Region III

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

RECEIVED
DATE CODE

224 New Customhouse
Denver 2, Colorado

September 26, 1957

Memorandum

To: T. A. Christensen

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

Subject: Docket DMEA-4409 (Uranium) Contract Idm-E1066 Dalmid Oil and Uranium, Inc. (April, Butte and Canyon claims) San Juan County, Utah - Operator's Monthly Progress Report for the period, August 1-13, 1957

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

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 MF-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.

Holes 1, 2, 3, 4, were not drilled at the locations shown on the map attached to the contract, however, it has been determined that holes at the revised locations serve the same purpose as if they had been drilled at the originally stipulated locations. Drilling of the holes at the revised locations indicate that the trend of the mineralization is to the west, therefore the drilling of hole No. 1 at the original location would have served no useful purpose. Under the circumstances the drilling of the holes at the revised locations are approved.

The engineer's report recommends disallowance of 6.5 hours of bulldozer time because only 37 of the possible maximum of 38 Stage I drill sites have been prepared. The exact number of Stage I drill holes which must be drilled is not specified in the contract, therefore as all of the reported bulldozer work has actually been performed no disallowance is necessary.

The contract stipulates that the holes shall be drilled non-core to about the upper contact of the Shinarump member of the Chinle formation, and then core drilled through the Shinarump, and into not less than one foot and not more than 10 feet of unaltered red Moenkopi formation.

A recent inspection of the core by a DMEA geologist indicates that excess coring was performed above the upper contact of the Shinarump, therefore the excess coring is considered as non-core drilling and acceptable at the non-core drilling rate. A copy of the geologist's memorandum of September 13, 1957, is attached.

Following is a tabulation of all holes drilled to date, showing excess core footage drilled to date:

Hole No.	Excess core drilling	Hole No.	Excess core drilling
D-1	0	D-21	0
D-2	15	D-22	0
D-3	20	D-23	10
D-4	25	D-24	0
D-6	10	D-25	0
D-7	10	D-26	15
D-8	0	D-27	20
D-9	15	D-28	20
D-10	15	D-29	0
D-11	5	D-30	5
D-12	0	D-31	15
D-13	0	D-32	10
D-14	0	D-33	15
D-15	20	D-34	10
D-16	5	D-35	5
D-17	0	D-36	5
D-18	5	D-37A	10
D-19	10	D-38	0
D-20	0		295

Disallowance, drilling costs

Reported cost for above 295 feet core drilling at $3.50 per foot----------$1032.50
Acceptable cost, 295 feet at non-core drilling rate of $1.25 per foot---------- 368.75

Amount to be disallowed----------$ 663.75

Reconciliation with Amount Reported by the Operator on Form MF-104 for the Period, August 1-13, 1957

Amount reported on Form MF-104 for above period---------- 2263.03
Amount to be disallowed---------- 663.75
Total accepted cost for above period---------- 1599.28

Government participation at 75 percent----------$1199.46.

Remarks:

Date of Report----------August 19, 1957
Date Received in Field Office----------August 28, 1957
Date Received in Region Office----------September 18, 1957.

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

Enclosures

JDC:bmh

cc: Chmn. Op. Comm. (2) } w/copy of
DMEA, DFC } Geologist's
MF-104 file, Reg.III } report of 9/13/57
Harshman }
Hasler } w/copy of
DMEA, G.Jct. } Engr's report
Townsend }
Chron

REGION III

DMEA
DEPARTMENT OF THE INTERIOR

SEP 18 1957
REGION III
DENVER, COLORADO

Building 20
Denver Federal Center
Denver 2, Colorado
Sept. 17, 1957

Memorandum

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

From: Carl Balser

Subject: Docket DMEA 4409 (Uranium) Contract I4m-E1066, Dalmid Oil and Uranium, Inc. (April, Butte, and Canyon claims) San Juan County, Utah -- Progress report for August 1957

The April, Butte, and Canyon claims were visited on September 5, 1957 in company with Martin F. Maher. Holes and cores were inspected. Drill sites were made with an adequate sized bulldozer.

Holes drilled in August 1957, follow:

	Hole	Feet Non-Core	Feet Core	Feet Total	Hours Standby	Percent U_3O_8
	1	75.0	17.0	92.0	1	86.6'-87.6' = e.02 83.0'-83.7' = e.03
	2	60.0	40.2	100.2	½	95.9'-97.4' = 0.082 = e.17
	3	60.0	45.0	105.0	1	98.7'-99.6' = 0.047 = e.05
	4	60.0	61.5	121.5	½	110.8-112.1' = 0.059 = e.06
	6	40.0	44.0	84.0	1	Barren count 25' below collar
	7	45.0	40.0	85.0	1	Barren mineralized top of Chinle
	19	45.0	46.5	91.5	1	Barren Chinle M. S. mineralized
	20	40.0	21.0	61.0	½	Barren
	21	40.0	20.0	60.0	1 3/4	Barren count in Chinle upper M. S.
Total	9	465.0	335.2	800.2	8	Drilled in August
	11	505.0	431.1	936.1	5½	Drilled in June
	17	1210.0	740.7	1950.7	11½	Drilled in July
	37	2,180.0	1,507.0	3,687.0	24 3/4	Total Stage I drilling (less Hole 5)

The following costs were incurred by the operator in August 1957:

335.2 feet core drilling at $3.50/ft.	$1,173.20
465.0 feet non-core drilling at $1.25/ft.	581.25
8 hours standby time at $12.50/hr.	100.00
800.2 feet incidental allowance at $0.40/ft.	320.08
3 chemical analyses for U_3O_8 at $3.50/ea.	10.50
Total	$2,185.03

Holes Nos. 1, 2, 3, and 4 have been shifted to the west but according to geologist, D. F. Klaton, should be allowed. The road and drilling site for Stage I drill hole No. 5 has not been prepared and as 93½ bulldozing hours have been credited for June and July drilling, the 6½ hours bulldozing time claimed has been disallowed until the site for hole No. 5 is prepared.

Payment of 75 percent of the above or, $1,638.77 is recommended.

Carl Belser

Carl Belser
Mining Engineer

CB/mw
cc: 6
Idm-E1066
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

Month of Aug. 1 to Aug. 13, 1957 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Dalmid Oil & Uranium Corp Minerals Uranium
Address 604 Hamilton Bldg. Wichita Falls, Tex
Contract Amount, $ Government Participation: % Amount, $ 25,441.00

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:	1754.45		7999.50			
Drilling	~~[illegible]~~	6245.05	~~[illegible]~~			
Bulldozing	78.00	1122.00	1200.00			
~~Crosscutting~~ Standby Tm	100.00	209.37	309.37			
~~Drilling~~ Incid. Allow	320.08	1154.72	1474.80			
Chemical Analyses	10.50	42.00	52.50			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
	2263.03		11036.17			
TOTALS	~~[illegible]~~	8773.14	~~[illegible]~~	1599.28	8773.14	10,372.42

RECEIVED OCT 4 1957 D.M.E.A.

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

Date 8/19/57 *Payee Dalmid Oil & Uranium Corp.

Charles E. Collins
Per By Martin F. Maher Field Supt. Title President

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

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

(Instructions on reverse)

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

$ 1199.46

Signature RCR
(Authorized Certifying Officer)

Date 9-27-57 Vou. No. DMA-58-39
(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. 7-1-E1066 in accordance with the terms of the contract.

Signature Carl Belan (#638.77) Title Mining Engineer Date 9/17/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature J. W. Lamond Title alternate acting Executive Officer Date SEP 25 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

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 Aug. 1-Aug. 23 195 7 Docket No. DMEA [illegible] Contract No. [illegible]
Operator's Name Dalmid Oil & Uranium Corp Minerals Uranium
Address 600 Hamilton Bldg. Martin Lake, Texas

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					
Bulldozing	hr	78.00	6 2/4	1200.00	100.0	12.00	100	12.00
Core Drill	ft	1173.20	335.2	5274.50	1507.0	3.50	1520	3.50
Non-Core "	ft	581.25	465.0	2725.00	2180.00	1.25	2850	1.25
Standby Time	hr	100.00	8	309.37	24 3/4	12.50	40	12.50
Incid. Allow	ft	320.08	800.2	1474.80	3687.0	0.40	4370	0.40
Analyses	Spl.	10.50	3	52.50	15	3.50	30	3.50
			STAGE II					
Bulldoz.								
Core Drill								
Non-Core "								
Standby Tm								
Incid. Al								
Analyses								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		2263.03		11036.17				

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 8/19/57 Operator Dalmid Oil & Uranium Corp

Per [signature] Title President

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

(Instructions on reverse)

Remarks:

DMEA
DEPARTMENT OF THE INTERIOR
SEP 18 1957
REGION III
DENVER, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
AUG 26 1957
REGION III
DENVER, COLORADO

(For Government use only)

RECEIVED
OCT 4 1957

INSTRUCTIONS

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

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

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

GPO 872894

DMEA
ARTMENT OF THE INTERIOR
AUG 26 1957
REGION III
DENVER, COLORADO

Re: Docket #DMEA-4409
Contract #Idm-E1066
Dalmid Oil & Uranium Corp
(April, Butte & Canyon Claims)
San Juan County, Utah

Mr. E. N. Harshman
U.S. Dept. of Interior
DMEA

NARRATIVE FOR AUGUST 1 TO AUGUST 13, 1957
AND FOR COMPLETED FIRST STAGE

Nine (9) holes were completed by 12:30 P.M. August 13, 1957, four (4) drill sites and the necessary roads. Of the 9 holes completed 4 were mineralized, 1 favorable, 2 semi-favorable and 2 unfavorable. All 9 holes contained some mineralization in the upper chinle mud. A broken cross-head on the drill pump delayed the last 2 holes for 2 days. A new head was obtained in Grand Junction, Colo.

Of the 38 holes allowed in our first stage, 37 were completed. Hole No. 5 was not drilled, due to its unfavorable position. A request to eliminate this hole accompanies this narrative. In my request of June 22, 1957, to move sites 1 to 5 inc. permission was granted for holes 1 to 4 and #5 was not mentioned. The amount of movement to take #5 out of the bottom of the water-way bed was too great to move without permission and to drill there would, in my opinion, be a waste of your money and ours. A hole in the second stage request has been placed to cover this site.

Re: Bull-dozing. 100 hrs were used, actually a little more, by avoiding costly turning spots on the steep side hills and spending as little time as possible smoothing roads and shooting to hold grades we managed quite well. Thanks to the cooperation of the water haulers, who had to back up as much as 500 feet at times.

Re: Assays. 15 Assays were used of the 30 allowed. No assays were made of the numerous low counts encountered, instead we left casing in holes and when necessary washed holes so the U.S. Geological Survey Logging Unit could log all holes.

Re: Standby. The 40 hours allowed proved more than ample and 24 3/4 hours were used.

Re: Coring. 1520 feet were allowed and 1507 were used. On each new point one hole was cored from up near the 50 foot sand base in the hope of finding a continuation of the ore grade zone found in hole #12. This was unsuccessful.

#2 - Narrative

Re: Non-core. 2850 feet were allowed and 2180 were used. A request to move the remaining 670 feet to the second stage drilling accompanies this narrative. The reason for this is to run a second stage line of holes back from the rim and we may need a little more non-core footage. The thick shinarump sands found in the favorable but not mineralized area, from hole 18 South to hole 9, are up to 28 feet thick. These permiable sands have layers of coarse and very coarse sand, poorly cemented and highly porous, as they still outcrop and are on the down-dip side of Woodenshoe Canyon. I feel leaching could be complete for some distance from the rim.

This area not mineralized in the Shinarump carries count in the upper chinle, in fact this mineralized zone appears all the way from hole 21 South, to the end of our drilling. In my experience of three seasons drilling with U.S.G.S. of hundreds of holes just West of this section a "kick" in or near the base of the 50 foot sand was common, however, I have never encountered an ore grade deposit as found in hole #12 (1 foot Assay 0.214%). I suggest about 15 hours of bull-dozer work be converted to Rim strip, the area marked on map of requested second stage drilling, to expose this possible ore zone. A request to convert 15 hours from the possible 100 hours allowed in the second stage for this purpose, accompanies this narrative.

On the map which I will refer to as figure 2A, I have marked an area from hole #21 North to hole #25 as unfavorable. No Shinarump sand was found in this area. As our holdings are only one claim wide at this point, no second stage drilling is requested in this area.

From hole #26 North the entire area appears to be mineralized, sulphides and carbon are abundant, good Shinarump sands over 10 feet thick are present. The first stage drilling leaves much to be decided in this area. The following train of thought is my reasons for the proposed locations of second stage drilling on figure 2A: A channel appears to exist between holes #28 and #29. This channel was assumed to be there by all who voiced an opinion as to where the channel indicated by "mine" on map figure 2A would run.- Including myself and the examining DMEA Geologist. This accounts for the large

#3 - Narrative

space between holes #28 and #29. A channel or scour appears to exist at hole #33 and again at holes #36 and #37. The channel at hole #33 could cut the area in a Northwest direction and exit at holes #36 and #37. However, I am inclined to believe that 3 channels are possible, running as the channel between #28 and #29 appears to run. (South-westerly).

All sand lenses that outcrop on the rim in our drill area appear to run in this general direction. This point should be decided by the straight line of holes running from the South offset of hole #36 South. The width of channels might be decided by the second stage holes set between our first stage holes. Sets of 3 holes have been placed around the most favorable holes in an attempt to make a valid discovery. The 3 proposed second stage holes that are the West offsets of holes #30-31-32 are set more than 75 feet away and in line. This very favorable area appears to be on normal dip and not channeled. Hole #30 contains good grade ore (0.538% Assay). This ore is not in a carbon layer or "hot-nut" but is contained near the bottom of a thick dark gray sand.

Holes #1 to #4 inc., on the South end of our project, contain Chinarump sand that is well mineralized, despite possible leaching. The sand is oxidized and has many water ways between jointing, that appears to be separating. Hole #2 showed near 2 feet of 17-18% ore on my logging equipment, the sample assayed 0.082%. Two second stage holes on 75 foot centers are suggested to offset this hole East and West. Holes #3 and #4 are well mineralized (Assays 0.047 and 0.059% respectively). A second stage hole is suggested between #3 and #4, and one is suggested West of #4 to decide the possible channel apparent in cross section E-E at hole #4.

Drilling North of these holes in the eroded drainage area, in my opinion, is not advisable, and drilling South of these holes is not permissible, due to the "100 foot from outer boundary clause in the contract". A hole placed to the West of the one already proposed would soon be on top of the moss-back rim and go better than 225 feet. So, we are limited in our attempt to develop this favorable mineralized area.

I am not sure of the procedure, so I am sending a request of the usual kind to be allowed to drill a second stage as presented on figure 2A. This request accompanies this narrative.

#4 - Narrative

Our drilling season is not long at this elevation and was shortened this year by a late thaw and rains. We have a good drill crew and have had excellent core recovery. In order to finish in good weather and retain our present drill crew, we are hoping for a speedy O.K. on our second stage program. We realize the problem and amount of personnel involved in processing such a request and will appreciate any effort that will cut down our lay-off time.

Respectfully yours,

Martin F. Maher

Martin F. Maher
Field Superintendent
Dalmid Oil & Uranium Corp.

COPY

Smith's Laboratory

CHEMIST AND ASSAYER

MOAB, UTAH

Dalmid Oil Co.

Aug. 16, 1957

Sample Description	% UO_3	% V_2O_5	% $CaCO_3$	%	%	%			
Hole #[illegible] 95.8-97.4	0.082								
#3. 98.7-99.6	0.047								
#4 110.8-112.1	0.059								

TOTAL CHARGES $ 9.00 Paid

J. Earl Smith
CHEMIST

FROM:

UTARCO URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

TO:

DALMID OIL & URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

Date - Aug. 1 to Aug.13, 1957

FOR:

Hole No.	Date Start	Date Com-plete	Shifts	Item 1 Core @ $3.50	Item 7 Plug @ $1.25 @ ft.	Item 9	Bull-dozing @ $12.00 @ hr	Assays @ $3.50	Stand-by $12.50	Total Footage	Total Payments
1	8-7	8-8	7/8	17.0	75.0				1	92.0	165.75
2	8-8	8-8	7/8	40.2	60.0				2/4	100.2	221.95
3	8-9	8-12	1 2/8	45.0	60.0				1	105.0	245.00
4	8-12	8-13	1 4/8	61.5	60.0				2/4	121.5	296.50
6	8-6	8-7	1 2/8	44.0	40.0				1	84.0	216.50
7	8-5	8-6	1 4/8	40.0	45.0				1	85.0	208.75
19	8-2	8-2	7/8	46.5	45.0				1	91.5	231.50
20	8-1	8-1	5/8	21.0	40.0				1/4	61.0	126.625
21	8-1	8-1	5/8	20.0	40.0				1 3/4	60.0	141.875
						4 Drill Sites and Roads 6 2/4 hrs.					78.00
								3			10.50
Incidental Allowance											320.08
Total				335.2	465.0	6 2/4		3	8	800.2	2263.03
Totals				1173.20	581.25	78.00		10.50	100.00	800.2	2263.03

I certify that this is a true and proper statement from Utarco Uranium Corp., and it has not been paid.

Aug.19, 1957 _____ President

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill: .....

Drill-hole No. 1
Total depth 92.0
Collar elev. 7903.7 T ..... P
Area San Juan Co. Utah

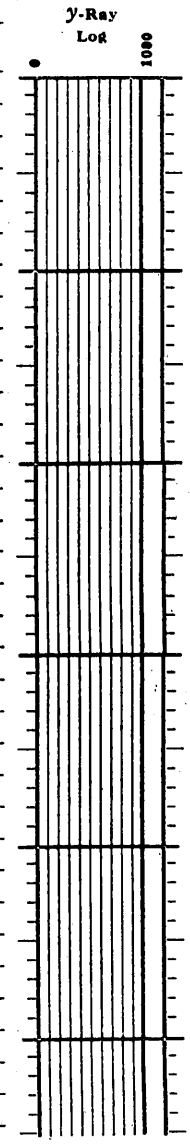
COORDINATES
North ..... East .....
Tie 183' N. 55° 15' W of S.E. Sec. Cor. Sec. 33

Claim BUTTE #5
Date started 8/7/57
Date completed 8/8/57
Logged by MM

Summary of log Favorable Mineralized; OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	75.0	Plug				
75.0	77.6	SS	Gy,Pp,R-Pp	M	N	Shinarump SS Mottled
77.6	78.2	MS	Gy,Yw,R-Pp	VF	N	
78.2	79.4	SS	Br,Gy	MC	N	Brown Spots
79.4	80.1	MS	Gy,Yw,R-Pp	VF	N	
80.1	87.6	SS	Br,Gy,Gn	M-MC	S	2 GN MS Ribs
87.6	92.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
87.6	1.0			.02	
83.7	0.7			.03	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For: DALMID DMEA

Drill-hole No. 2
Total depth 100.2
Collar elev. 7912.3 T ..... P
Area San Juan Co. Utah

COORDINATES
North..... East.....
Tie 250' True West of Hole #1

Claim BUTTE #4
Date started 8/8/57
Date completed 8/8/57
Logged by MM

Summary of log MINERALIZED OBSS..... Thick.....; SS color.....; MS..... under OBSS; Cbn.....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	60.0	Plug				
60.0	79.5	MS	Gy,Pp,R-Br	VF	N	Chinle MS Mottled
79.5	83.4	MS	Gy,Yw,Pp,R	VF	N	Shinarump MS "
83.4	89.0	SS	Gy,Yw,Pp,R	MF-M	N	" SS One Muddy Spot
89.0	97.4	SS	Br,Gy,Yw-Gn	M-C-Peb	S	One Thin GN MS Rib
97.4	100.2	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
97.4	1.5	0.082		.16-.18	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill .....

Logged For: DALMID DMEA

Drill-hole No. 3
Total depth 105.0
Collar elev. 7910.4 T ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie 250' True West of Hole #2

Claim BUTTE #4
Date started 8/9/57
Date completed 8/12/57
Logged by MM

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	60.0	Plug	Br			
60.0	81.6	MS	Gy,Pp,R-	VF	N	Chinle MS Mottled
81.6	83.9	SS	Yw-Gy,R	MF-M	N	Shinarump SS. Muddy
83.9	90.0	MS	Gy,Yw,Pp	VF	N	
90.0	93.4	SS	Gy,Yw,Pp	M	N	Mottled
93.4	95.4	SS	Bl-Gy	MF	N	
95.4	99.6	SS	Gy,Br	MC-Peb	S	CG with Pebbles & MS Pebbles
99.6	105.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
99.6	0.9	0.047		.05	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For: DALMID DMEA

Drill-hole No. 4
Total depth 121.5
Collar elev. 7914.7 T..... P
Area San Juan Co. Utah

COORDINATES
North..... East.....
Tie 250' True West of Hole #3

Claim BUTTE #3
Date started 8/12/57
Date completed 8/13/57
Logged by MM

Summary of log MINERALIZED OBSS..... Thick.....; SS color.....; MS under OBSS.....; Cbn.....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	60.0	Plug	Br			
60.0	91.5	MS	Gy,Pp,Rp	VF	N	Chinle MS Mottled,Sandy Ribs
91.5	95.8	MS	Gy,Yw,R Br	VF	N	Shinarump MS Mottled
95.8	106.2	S-MS	Gy,Pp,R-	MF	N	Muddy SS
106.2	109.2	MS	D Bl-Gy	VF	N	
109.2	110.6	MS	LGy	VF	N	Sandy Spots
110.6	112.1	SS	Gy-Gn	M-C	S	
112.1	121.5	MS	R-Br,Gn	VF	N	GN.Altered Layers Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
112.1	1.3	0.059		.05-.07	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill .....

Logged For: DALMID DMEA

Drill-hole No. 6
Total depth 84.0
Collar elev. 7872.8 T ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie 250' S 18° W of Hole #7

Claim BUTTE #6
Date started 8/6/57
Date completed 8/7/57
Logged by MM

Summary of log UN-FAVORABLE OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	40.0	Plug	Br			
40.0	64.8	MS	Gy,Pp,R-R	VF	N	Chinle MS Mottled
64.8	81.8	MS	Gy,Yw,Pp,	VF	N	Shinarump MS 3-45° Slickensides
81.8	84.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
		BARREN IN SHINARUMP			
	SOME 'COUNT' ABOUT 25' BELOW COLLAR.				

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill:

Drill-hole No. 7
Total depth 85.0
Collar elev. 7892.0 T. P
Area San Juan Co. Utah

COORDINATES
North East
Tie 250' S.18° W. of Hole #8

Claim BUTTE #6
Date started 8/5/57
Date completed 8/6/57
Logged by MM

Summary of log FAVORABLE; OBSS Thick; SS color; MS under OBSS; Cbn.

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	45.0	Plug	Br			
45.0	62.7	MS	Gy,Pp,R-	VF	N	Chinle MS Sandy Ribs
62.7	74.9	SS	Gy,Pp,R	MF	N	Shinarump SS Muddy Spots
74.9	77.6	MS	Gy,R,Gn	VF	N	
77.6	80.0	SS	Gy,Br,Bk	M	S	
80.0	80.8	SS	Gy,Br	C-VC	N	Brown Spots
80.8	85.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
	BARREN IN SHINARUMP				
	MINERALIZED AT TOP OF CHINLE MS				

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For
DALMID DMEA

Drill-hole No. 19
Total depth 91.5
Collar elev 7955.8 T..... P
Area San Juan Co. Utah

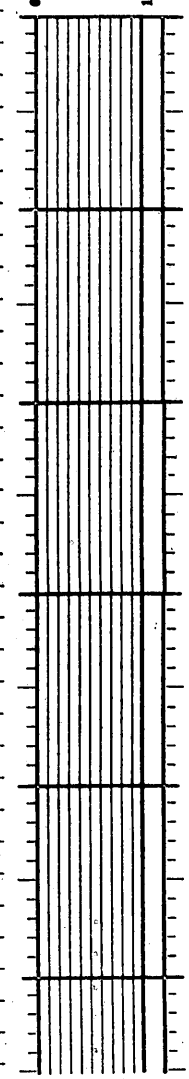
COORDINATES
North..... East.....
Tie 475' S. 29° W. of Hole #20

Claim APRIL #5
Date started 8/2/57
Date completed 8/2/57
Logged by MM

Summary of log SEMI*FAVORABLE Thick.....; SS color.....; MS under OBSS.....; Cbn.....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	45.0	Plug	Br			
45.0	66.4	MS	Gy,Pp,R-Pp	VF	N	Chinle MS. Mottled
66.4	80.0	MS	Gy,Yw,R	VF	N	Shinarump MS Mottled
80.0	81.6	SS	Gy,Pp	M-C	N	
81.6	89.5	SS	R-Br,LT	F-MF	N	Moenkopi SS
89.5	91.5	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
	BARREN IN ORE ZONE				
	MINERALIZED AT TOP OF CHINLE MS.				

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill:

Drill-hole No. 20
Total depth 61.0
Collar elev. 7951.7 T P
Area San Juan Co. Utah

COORDINATES
North East
Tie 250' S. 29° W. of Hole #21

Claim APRIL #8
Date started 8/1/57
Date completed 8/1/57
Logged by MM

Summary of log SEMI-FAVORABLE OBSS Thick ; SS color ; MS under OBSS ; Cbn

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	40.0	Plug				
40.0	53.3	MS	LGy,R,Pp	VF	N	Shinarump MS Mottled
53.3	57.9	SS	Gy,Br	M-VC	N	
57.9	61.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
		BARREN			

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill:

Drill-hole No. 21
Total depth 60.0
Collar elev. 7960.6 T P
Area San Juan Co. Utah

COORDINATES
North East
Tie 250' S. 29° W. of Hole #22

Claim APRIL #8
Date started 8/1/57
Date completed 8/1/57
Logged by MH

Summary of log UNFAVORABLE OBSS Thick ; SS color ; MS under OBSS ; Cbn

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	40.0	Plug				
40.0	52.9	MS	LGy,R,Pp	VF	N	Shinarump MS Mottled
52.9	60.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log
0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
	BARREN				

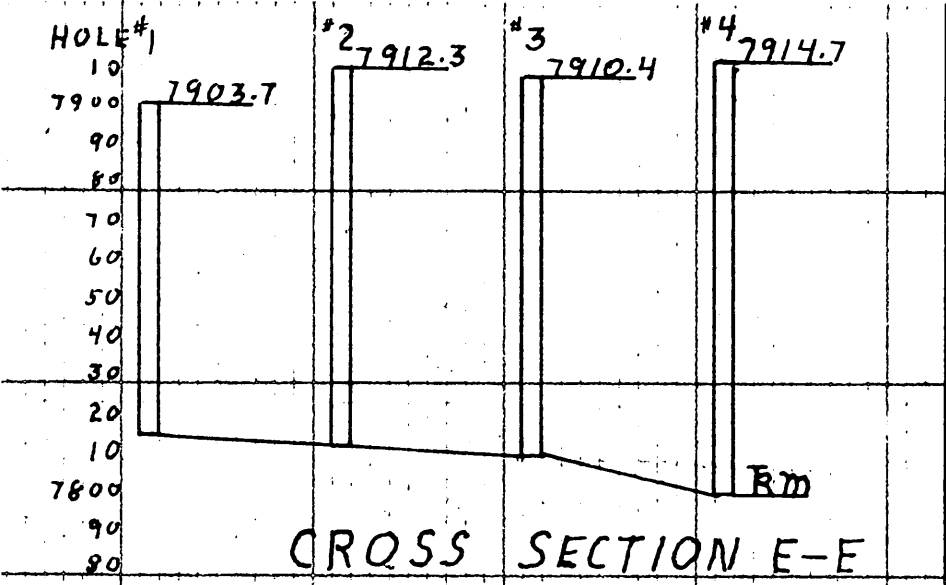
SOME LOW COUNT IN UPPER CHINLE MS

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

Uranium Capital Print Shop
MOAB, UTAH

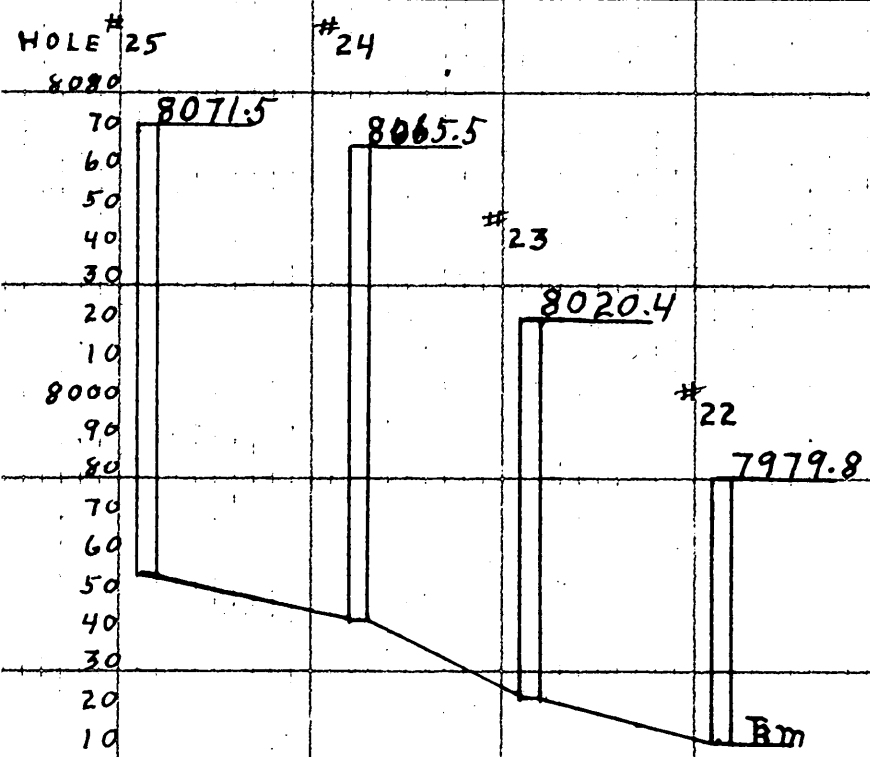


CROSS SECTION E-E

DOCKET NO. D.M.E.A. 4409

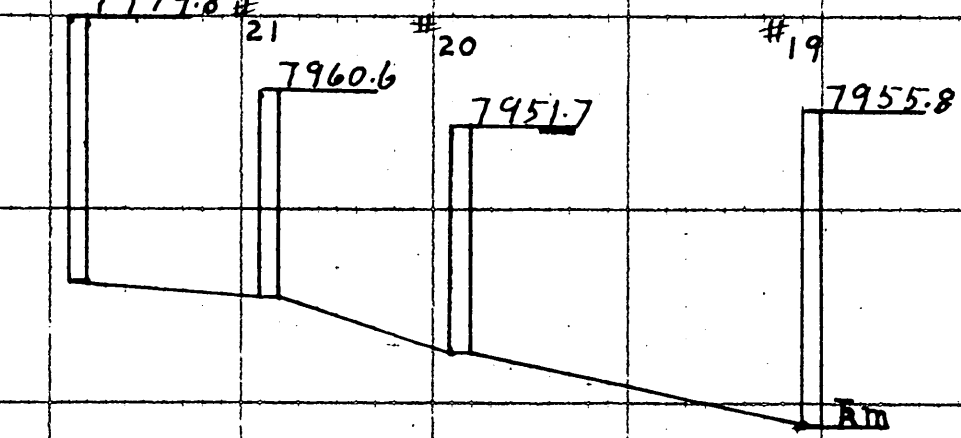
CONTRACT NO. I.D.M.-E1066

MONTH OF AUGUST 1957



CROSS SECTION F-F

CROSS SECTION G-G



FINAL DISTRIBUTION
MADE AUG 29 1957

224 New Customhouse
Denver 2, Colorado

August 27, 1957

Memorandum

To: T. A. Christensen

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

Subject: DMEA Docket-4409 (Uranium) Contract Idm-E1066
Delmid Oil and Uranium, Inc. (April, Butte and Canyon claims) San Juan County, Utah - Operator's Monthly Progress Report for the month of July, 1957

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

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----------August 12, 1957
Date Received in Field Office----------August 16, 1957
Date Received in Region Office---------August 19, 1957

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

Enclosures

JDC:hmh
cc: Chmn. Op. Comm.(2) }
DMEA/DFC } w/copy complete report
MF-104 file,Reg.III }
Harshman }
DMEA/G.Jct. } w/copy of Engr's report
Hasler }
Chrtn

DMEA

ARTMENT OF THE INTERIOR

REGIO III

AUG 19 1957

REGION III

DENVER, COLORADO

Buildi g 20
De ver Federal Ce ter
De ver 2, Colorad
August 19, 1957

Memora dum

To: Execu ive Officer, DMEA Field eam, Regio III

From: Carl Belser

Subjec : Docke DMEA 4409 (Ura ium) Co rac Idm-21066, Dalmid Oil and Ura ium, Inc. (April, Bu e, a d Ca yon claims) Sa Jua Cou y, Utah — Progress report for July 1957

The April, Bu e, a d Canyo claims were visited o August 7, 1957 in company with Marti F. Maher. Holes a d cores were i spected. Drill sites were made with a adequate sized bulldozer.

Holes drilled in July 1957, follow:

Hole	Feet Non-core	Feet Core	Feet To al	Hours Standby	Percent U_3O_8
22	40	30	70	½	Barren
23	60	40	100	½	Barren
24	95	30	125	½	Barren
25	50	73.2	123.2	1	Barren
26	70	40	110	1½	Barren
27	100	60.4	160.4	½	152'-153.1' = 0.086 e = .05
28	50	60	110.0	1	103'-103.8' = .127 e .08
29	70	50.7	120.7	½	115'-115.5' = .028 e .03
30	85	30.1	115.1	3/4	111.4'-112.3' = .538 e .60
31	75	45	120.0	1½	113.3'-114' = .039 e .05
32	80	40.0	120.0	½	113.4'-114.2' = .046 e .03
33	95	50.3	145.3	½	138'-139' = .025 e .03
34	75	39.2	114.2	½	105.4'-106.6 = e .01
35	70	32.1	102.1	½	93.7'-94.4' = .044 e .05
36	70	43.6	113.6	1	99.2'-100.1' = .118 e .06
37A	65	45	110.0	½	100'-100.6' = .047 e .03
38	60	31.1	91.1	½	84'-85.1' = e .01
17	1210.0	740.7	1,950.7	11½	

The following costs were incurred by the operator in July 1957:

Bulldozing 24 hours at $12.00/hr.	$288.00
740.7 feet of core drilling at $3.50/ft.	2,592.45
1,210 feet of non-core drilling at $1.25/ft.	1,512.50
11¼ hours standby at $12.50/hr.	140.62
1950.7 feet incidental allowance at $0.40/ft.	780.28
10 chemical analyses at $3.50/ea.	35.00
Total	$5,348.85

Payment of 75 percent of the above or $4,011.64 is recommended.

Carl Belser
Carl Belser
Mining Engineer

CB/mr
cc: 6
I&m-E1066
chron

DMEA
ARTMENT OF THE INTERIOR
AUG 14 1957
REGION III
DENVER, COLORADO

Re: Docket #DMEA-4409
Contract #IDM-E1066
Dalmid Oil & Uranium Corp
April, Butte & Canyon Claims
San Juan County, Utah

Mr. E. N. Harshman
U.S. Dept. of Interior
DMEA

NARRATIVE FOR JULY

During July showers were frequent but came in the evening or at night and less than one shift was lost to weather. The equipment was moved only one time by the cat due to mud.

Seventeen holes were completed: four (4) unfavorable, one (1) semi-favorable, and twelve (12) mineralized, three (3) of which were ore grade.

Continuous mineralized holes from #27 north with ore grade on each end, #28 on south end and #36 on north end, sands 10 feet and thicker, dark gray shinarump mud with abundant carbon and sulphides (cubes of pyrite in hole #36 measured over three-tenths of an inch) is very encouraging. In next week's narrative, which should cover the completed first stage, I will dwell on this mineralized section, to push it for a large share of second stage drilling.

Holes on Claim April #8 have proved the point unfavorable, but shinarump sand in hole #20 in August drilling indicates the favorable area drilled in June extends across April #5.

Eleven sites and the necessary roads were prepared during July, and weather permitting we hope to complete the first stage by August 11 or 12.

Respectfully yours,

Martin F. Maher
Field Supt.
Dalmid Oil & Uranium Corp.

COPY

Smith's Laboratory

CHEMIST AND ASSAYER

MOAB, UTAH

Dalmid Oil & Uranium Corp.

July 27, 1957

SAMPLE DESCRIPTION		% U_3O_8	%	%	%
Hole #27	152-153.1	0.086			
28	103-103.8	0.127			
29	115-115.5	0.028			
30	111.4-112.3	0.538			
31	113.3-114	0.039			
32	113.4-114.2	0.046			
33	138-139	0.025			
35	93.7-94.4	0.044			
36	99.2-100.1	0.118			
37	100-100.6	0.047			

TOTAL CHARGES $ 30.00 Paid

J. Earl Smith
Chemist

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

DMEA
ARTMENT OF THE INTERIOR
AUG 14 1957
REGION III
DENVER, COLORADO

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1957 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Dalmid Oil & Uranium Corporation Minerals Uranium
Address 604 Hamilton Bldg. Wichita Falls, Texas
Contract Amount, $ Government Participation: % Amount, $25,441.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	4104.95	2140.10	6245.05			
Bulldozing	288.00	834.00	1122.00			
~~XXXXXXXX~~ Standby Time	140.62	68.75	209.37			
~~XXXXXXXX~~ Incid. Allow.	780.28	374.44	1154.72			
Chemical Analyses	35.00	7.00	42.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5348.85	3424.29	8773.14	5348.85	3424.29	8773.14

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 8/12/57 *Payee Dalmid Oil & Uranium Corp.

Per Title President

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

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

(Instructions on reverse)

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

$4011.64

Signature (Authorized Certifying Officer)

Date 8/28/57 Vou. No. DMA 58-24

(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. Idu-5/066 in accordance with the terms of the contract.

Signature [illegible] Title Mining Engineer Date 8/16/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature [illegible] Title acting Executive Officer Date AUG 27 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

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

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1957 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Dalmid Oil & Uranium Corporation Minerals Uranium
Address 604 Hamilton Bldg. Wichita Falls, Texas

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					
Bulldozing	hr	288.00	24.0	1122.00	93½	12.00	100	12.00
Core Drill.	ft.	2592.45	740.7	4101.30	1171.8	3.50	1520	3.50
Non-Core "	ft.	1512.50	1210.0	2143.75	1715	1.25	2850	1.25
Standby Time	hr.	140.62	11¼	209.37	16 3/4	12.50	40	12.50
Incid. Allow	ft.	780.28	1950.7	1154.72	2886.8	0.40	4370	0.40
Analyses	Spl.	35.00	10	42.00	12	3.50	30	3.50
			STAGE II					
Bulldoz.								
Core Drill.								
Non-core"								
Standby Time								
Incid. Allow								
Analyses								
Total Distributed Costs								Total Costs Authorized by Contract
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
Total Costs		5348.85		8773.14				25,441.00

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

Date 8/12/57 Operator Dalmid Oil & Uran. Corp.

Per _____ Title President

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

Remarks:

(Instructions on reverse)

(For Government use only) Carl Belser

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

FROM:

UTARCO URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

TO:

DALMID OIL & URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

Date - July, 1957

FOR:

Hole No	Date Start	Date Com-plete	Shifts	Item 1 Core @ $3.50	Item 7 Plug @ $1.25 @ ft.	Item 9	Bull-Dozing @ $12.00 @ hr.	Assays @ $3.50	Stand-by @ $12.50	Total Footage	Total Payments
22	7+31	7-31		30.0	40.0				2/4	70.0	161.25
23	7-30	7-31		40.0	60.0				2/4	100.0	221.25
24	7-29	7-30		30.0	95.0				2/4	125.0	230.00
25	7-25-	7-26		73.2	50.0				1	123.2	331.20
26	7-22	7-23		40.0	70.0				1 1/4	110.0	243.125
27	7-23	7-24		60.4	100.0				2/4	160.4	342.65
28	7-19	7-22		60.0	50.0				1	110.0	285.00
29	6-30	7- 1		50.7	70.0				2/4	120.7	271.20
30	7- 1	7- 2		30.1	85.0				3/4	115.1	220.975
31	7- 8	7- 8		45.0	75.0				1 1/4	120.0	266.875
32	7- 9	7- 9		40.0	80.0				2/4	120.0	246.25
33	7-10	7-11		50.3	95.0				2/4	145.3	301.05
34	7-11	7-12		39.2	75.0				2/4	114.2	237.20
35	7-12	7-15		32.1	70.0				2/4	102.1	206.10
36	7-15	7-16		43.6	70.0				1	113.6	252.60
37A	7-16	7-18		45.0	65.0				1/4	110.0	241.875
38	7-18	7-18		31.1	60.0				1/4	91.1	186.975
							11 Drill Sites and Roads. 24.0 hrs.				288.00
Incidental Allowance								10			35.00
~~[illegible]~~											780.28
											~~30.00~~
Total				740.7	1210.0		24.0	10	11 1/4	1950.7	5348.855
Totals				2592.45	1512.50		288.00	35.00	140.625	1950.7	5348.855

DRILL HOLE LOG

Logged For

Type of Drill..... Calmid USA

Drill-hole No. 22

Total depth 70.0

Collar elev. 7979.8 T..... P

Area San Juan Co. Utah

COORDINATES

North..... East.....

Tie 250ft 29 [illegible]

Hole 21

Claim April 8

Date started 7-31-57

Date completed 7-31-57

Logged by R.M.

Summary of log [illegible] OBSS..... Thick.....; SS color.....; MS..... under OBSS; Cbn.....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	40.0	Slug	[illegible]			
40.0	49.8	MS	Gy-A,R	VF	N	Chinle MS. Mottled
49.8	59.7	MS	Gy,R	VF	N	Shinarump MS.
59.7	59.9	[illegible]	Gy	N	N	Sand
59.9	66.4	MS	Gy,R,A,Br	VF	N	Mottled Sandy Rib
66.4	70.0	MS	R,Br	VF	N	Moenkopi MS

y-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

B A R R E N

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant

OBSS—ore bearing sandstone

Hole No.....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For
DAVID DYA

Drill-hole No. 23
Total depth 100.0
Collar elev. 8020.4 T ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie 190' S. 10°40' E. of
Hole 24

Claim APRIL #8
Date started 7-30
Date completed 7-31
Logged by IM

Summary of log UNFAVORABLE OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	60.0	Clay	Br			
60.0	81.2	MS	Gy, Pp, R,	VF	N	Chinle MS Mottled
81.2	95.9	MS	Gy, Yw, R	VF	N	Shinarump MS " Sandy Cont.
95.9	100.0	MS	R, Br	VF	N	Moenkopi MS.

y-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

BARREN

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For DAVID [illegible]

Drill-hole No. 24

Total depth 125.0

Collar elev. 8069.5 T..... P

Area San Juan Co. Utah

COORDINATES

North..... East.....

Tie 275'S 10[illegible]'E.of Hole 25

Claim [illegible]

Date started 7-[illegible]

Date completed 7-30

Logged by MM

Summary of log UNFAVORABLE; OBSS..... Thick.....; SS color.....; MS..... under OBSS; Cbn.....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	95.0	Plug	Pr			
95.0	108.0	MS	Gy,Gn,R,	VF	N	Chinle MS Mottled
108.0	122.3	MS	Gy,Gn,R	VF	N	[illegible]harump MS Sandy Roots
122.3	125.0	MS	R,Br	VF	N	Moenkopi MS

γ-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

NA R R S R

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DAVID DM A

Type of Drill: .....

Drill-hole No. 25

Total depth 123.2

Collar elev. 8071.5 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 150' South of North Center Mon.

Claim APRIL 8

Date started 7-23

Date completed 7-28

Logged by JDI

Summary of log UNFAVORABLE OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	50.0	Plug				
50.0	64.8	SS	Lt.	M		50' SS
64.8	65.4	MS	Gy, R	VF	N	
65.4	75.1	MS	Gy	VF	N	
75.1	98.0	MS	Gy, Pp, R, Br	VF	N	Chinle MS Mottled
98.0	116.7	MS	Gn, Gy, Pp,	VF	N	Shinarump MS Mottled
116.7	123.2	MS	R, Br	VF	N	Moenkopi MS

y-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For
DAVID DREA

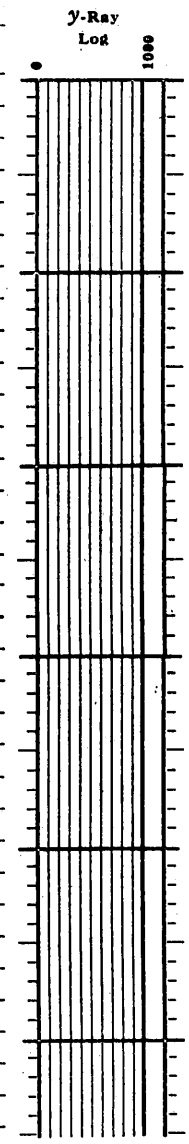
Drill-hole No. 26
Total depth 110
Collar elev. 8104.6 T..... P
Area San Juan Co. Utah

COORDINATES
North..... East.....
Tie 235' [illegible] NE of #28

Claim APRIL 13
Date started 7-22
Date completed 7-22
Logged by M.N.

Summary of log [illegible]; OBSS..... Thick.....; SS color.....; MS..... under OBSS; Cbn.....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	70.0	Plug	Br			
70.0	87.1	MS	Gy, Pp/R	VF	N	Chinle MS Mottled
87.1	89.2	MS	Gn, Yw	VF	N	Shinarump MS Dome NF Sand
89.2	91.4	MS	Gy	VF	N	
91.4	92.9	SS	Gy	F-MF	S	MS in Sand
92.9	107.9	MS	Gy, Gn-Gy	VF	N	Sandy Ribs
107.9	110.0	MS	Gn, Br	VF	N	Monkopi MS



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

BARREN
WITH HIGH BACKGROUND

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: [illegible]

Type of Drill: [illegible]

Drill-hole No. 27

Total depth 160.4

Collar elev. 8137.4 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie N 50° W of 26

S 30° W of 28

Claim [illegible] 13

Date started 7-[illegible]

Date completed 7-[illegible]

Logged by M.[illegible]

Summary of log MINERALIZED; OBSS ..... Thick ..... ; SS color ..... ; MS ..... ; Cbn ..... (under OBSS)

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	100.0	Plug	Br			
100.0	129.2	MS	Gy, Pp, [illegible]	VF	N	Chunle [illegible] with Sandy Ribs
129.2	130.8	SS	Gy	M	[illegible]	Few Coarse Grains
130.8	136.5	SS	Gy, Br	M-C	[illegible]	Br Specks, Mainarump SS
136.5	137.9	SS	Gy, Br	CG	[illegible]	" " Pebbles & MS Pebbles
137.9	139.4	SS	Gy	MF	[illegible]	One 60° Slickensides
139.4	139.8	SS	Gy	C	[illegible]	MS in Sand
139.8	145.0	MS	Gy, R, N-Br	VF	[illegible]	Mottled
145.0	152.1	MS	Gy-DGy	VF	[illegible]	
152.1	152.2	SS	Gy	C	[illegible]	Small Gn MS Pebbles
152.2	152.8	MS	Gy-Gn	VF	N	Altered Hoenkopi
152.8	160.4	MS	R-Br	VF	N	Hoenkopi MS

y-Ray Log (0 – 1000)

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
153.1	0.9	.086		.05	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For

Type of Drill ..... [illegible]

Drill-hole No. 28

Total depth 110.0

Collar elev. 5125.8 T. ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie [illegible]

Claim [illegible] 13

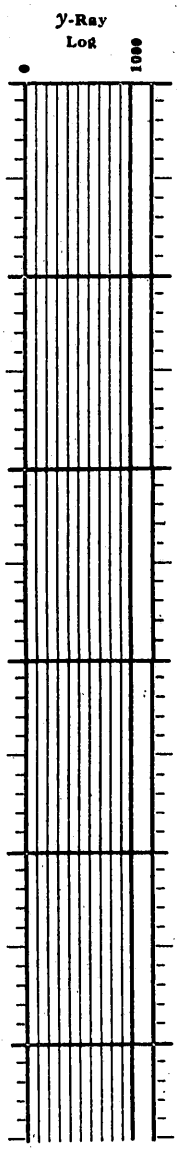
Date started 7-[illegible]

Date completed 7-[illegible]

Logged by [illegible]

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	50.0	Plug				
50.0	51.5	MS	Dky	VF	N	
51.5	52.3	SS	LBr	M-MC	N	Base 50' SS
52.3	84.0	MS	Gy, Pp, R	VF	N	Chinle MS mottled
84.0	90.4		DGy	VF-C	S	Shinarump Sandy MS
90.4	101.4	SS	Gy-DGy	M-MC	[illegible]	
101.4	102.8	MS	DGy	VF-M	S	Sandy MS
102.8	103.5	SS	DGy	MF	S-A	
103.5	104.1	MS	Gy, Gn	VF	N	Altered Moenkopi
104.1	110.0	MS	R, Br	VF	N	Moenkopi MS



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
103.8	0.8	0.127		.08	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DALMO DRA

Type of Drill: .....

Drill-hole No. 29

Total depth 120.7

Collar elev. 8138.3 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 528' N 32° E. of AL A4, SE Cor. Mon.

Claim CANYON #1

Date started 6-30

Date completed 7-1

Logged by MJ

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	70.0	Plug	Br			
70.0	85.9	MS	Gy, Pp, R, Br	VF	N	Chinle MS
85.9	91.2	MS	Gy, Pp, R, Br	VF-M	N	Sandyness Increasing to Sand
91.2	98.2	SS	Gy, Pp, R, Yw	N-C	N	
98.2	113.5	MS	DGy, RBr	VF-F	S	Sandy Shinarump MS
113.5	115.5	SS	DGy	MF-M	S	
115.5	120.7	MS	R, Br	VF	N	Moenkopi MS

γ-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
115.5	0.5	0.028		0.03	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For

Type of Drill ..... DALMID DREA

Drill-hole No. 30

Total depth 115.1

Collar elev. 8143.8 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 250' N 32° W. of Hole 29

Claim CANYON #2

Date started 7-1

Date completed 7-2

Logged by MH

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	85.0	Plug				
85.0	88.4	MS	Gy,Pp,R	VF	N	Chinle MS Mottled
88.4	90.4	SS	Gy,Pp,Br	M-MC	N	" SS "
90.4	92.5	MS	R,Br,Yw,Gy	VF	N	
92.5	98.5	SS	Br,Gy,Yw	M-VC	S	Shinarump SS with Gy MS Split
98.5	100.2	MS	R,Gy	VF	M	
100.2	112.1	SS	DGy	M-MC	S-A	
112.1	113.4	MS	Gy-Gn	VF	N	Altered Moenkopi
113.4	115.1	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
112.3	0.9	0.538		0.60	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill.....

Logged For

DAVID DOSA

Drill-hole No. 31

Total depth 120.0

Collar elev. 8150.2 T..... P

Area San Juan Co. Utah

COORDINATES

North..... East.....

Tie 250' N. & 250' E. of Hole 30

Claim CANYON #2

Date started 7-8

Date completed 7-8

Logged by MM

Summary of log MINERALIZED OBSS..... Thick.....; SS color.....; MS under OBSS.....; Cbn.....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	75.0	Plug	Sp			
75.0	96.8	MS	Gy, Br, R-	VF	N	Chinle MS Mottled
96.8	97.8	SS	Gy, Gn-Yw	MC-C	S	Shinarump CS Hard
97.8	101.6	MS	Gy, Br, R	VF-MF	S	Sandy MS
101.6	103.0	SS	Gy	MF	S	
103.0	113.8	SS	Gy	MC-C	S-A	
113.8	115.5	MS	Gy-Gn	VF	N	Altered Moenkopi
115.5	120.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
114.0	0.7	0.039		0.05	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For

Type of Drill ..... MALFID DRILL

Drill-hole No. 32

Total depth 120.0

Collar elev. 8158.6 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 250' N. 4250' E. of Hole 31

Claim CANYON 2

Date started 7-9

Date completed 7-9

Logged by H.H.

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	80.0	Plug	Br			
80.0	84.5	MS	Gy,Pp,R-	VF	N	Chinle MS Mottled
84.5	91.6	SS	Gy,R,Yw	MF-C	S	
91.6	92.1	MS	Gy	VF-C	S	Chinarump,Few coarse grains
92.1	96.4	SS	MGy-Gy	MC-C	S-A	A.Sulphides. Sand Hard
96.4	100.2	SS	Gy	MF	S	
100.2	109.0	MS	Gy,R-Br	MF-VF	N	Sandy to MS Mottled
109.0	114.0	SS	Gy,DGy	MF-M	A	
114.0	118.4	MS	Gy-Gn	VF	N	Altered Moenkopi
118.4	120.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
114.2	0.8	.046		0.03	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DAVID DEA

Type of Drill: .....

Drill-hole No. 33
Total depth 145.3
Collar elev. 6182.2 T ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie 250' N 12° E. of
Hole #32

Claim CANYON #3
Date started 7-10
Date completed 7-11
Logged by [illegible]

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	95.0	Plug				
95.0	98.2	MS	Gy,Pp,R	VF	N	Chinle MS Mottled
98.2	98.7	SS	Gy	M-Peb	N	Hard CG
98.7	112.3	MS	Gy,Pp,R-Br	VF	N	Sandy Ribs
112.3	121.7	MS	Gy,Br,Yw	VF	S	Chinarump MS Mottled
121.7	122.2	SS	Gy-Yw	M-VC	S	
122.2	136.2	MS	Gy-DGy	VF	S-A	6 Sandy Ribs
136.2	139.0	SS	Gy	M-Peb	S-A	CG Pebbles & Gn MS Pebbles
139.0	142.0	MS	Gy-Gn	VF	N	Altered Moenkopi
142.0	145.3	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
139.0	1.0	0.025		0.03	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Type of Drill .....

Logged For
DAMTD EMFA

Drill-hole No. 34
Total depth 114.2
Collar elev. 5164.4 T. ..... P
Area San Juan Co. Utah

COORDINATES
North ..... East .....
Tie N 15° W of Hole 33
250'

Claim CANYON #3
Date started 7-11
Date completed 7-12
Logged by [illegible]

Summary of log MINERALIZED; OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn. .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	75.0	Plug				
75.0	75.6	SS	Gy,R	M-MC	N	Very Hard
75.6	87.7	MS	Gy,Gn,R	VF	N	Chinle MS Mottled Sandy Ribs
87.7	90.2	MS	Gy-Yw	VF	N	Shinarump MS Sandy Spots
90.2	90.7	MS	Gy	VF	A	
90.7	103.1	MS	Gy,R-Br	VF	N	Mottled
103.1	106.6	SS	Yw,Gy-Br	F-C		1 Mottled Mud Split
106.6	108.5	MS	Yw,Gy,R	VF	N	Moenkopi MS Altered in layers
108.5	114.2	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
106.6	1.2			0.01	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: DAVID DMC

Type of Drill: .....

Drill-hole No. 35

Total depth 102.1

Collar elev. 8162.8 T ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 250' N.15° W. of Hole 34

Claim CANYON #4

Date started 7-12

Date completed 7-15

Logged by MY

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
.0	70.0	Plug	Br			
70.0	75.3	MS	Gy,Pp,R-	VF	N	Chinle MS Mottled Sandy ldbs
75.3	83.3	MS	Gy-Dky-Yw	VF	S	Shinarump MS
83.3	94.3	SS	Gy-Yw,Dky	M-C	S-A	
94.3	95.5	MS	Gy-Gn	VF	N	Altered Moenkopi
95.5	102.1	MS	R-br	VF	N	Moenkopi MS

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
94.4	0.7	0.044		0.05	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For

Type of Drill ..... DALTON LUSA

Drill-hole No. 36

Total depth 113.6

Collar elev. 3153.5 T. ..... P

Area San Juan Co. Utah

COORDINATES

North ..... East .....

Tie 250' West of Hole 35

Claim CARYN #4

Date started 7-15

Date completed 7-16

Logged by [illegible]

Summary of log MINERALIZED; OBSS ..... Thick ..... ; SS color ..... ; MS ..... ; Cbn .....
under OBSS

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	70.0	Blue	Br			
70.0	70.3	MS	Gy, [illegible], R	VF	N	Chinle MS Mottled
70.3	91.4	MS	Gy, Yw, [illegible]	VF	S	Shinarump MS Mottled
91.4	100.3	MS	DGy	VF	S-A	Sandy in Spots & Sand Ribs
100.3	103.3	SS	Gy-Gn	MF	S	Hard
103.3	104.0	ST	GN Br	MF-Feb	N	CG Hard
104.0	110.8	MS	Gy-Gn, R-	VF	N	Moenkopi Altered with Red Spots
110.8	113.6	MS	R-Br	VF	N	Moenkopi

THIS HOLE HAS PYRITE CUBES OVER 0.3'' AND CARBON LAYER 1.8'' THICK

y-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
100.1	0.9	0.118		0.06	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For

Type of Drill: [illegible]

Drill-hole No. 37[illegible]

Total depth: 110.0

Collar elev. 3156.3 T. ..... P

Area: San Juan Co. Utah

COORDINATES

North ..... East .....

Tie: 2501 West of Hole 36

Claim: [illegible]

Date started: 7-17

Date completed: 7-1[illegible]

Logged by: .....

Summary of log: MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	65.0	Plug	Br			
65.0	78.7	MS	Gy, Pp, R	VF-F	N	Chinle Sandy MS Sandy Ribs
78.7	83.0	MS	Gy, Yw, R	VF	S	Shinarump MS Mottled
83.0	87.8	SS	Gy, Yw, Pp	MF-C	S	
87.8	93.7	MS	Gy, DGy	VF	S	
93.7	95.4	SS	Gy, Gn, DGy	M-Peb	S-A	CG Pebbles & Gy&Gn MS Peb
95.4	99.2	MS	LGy	F	S-A	Sandy MS
99.2	100.5	CG	Gy	MC-C	S-A	Gn&Gy MS Pebbles
100.5	103.5	MS	Gy-Gn	VF	N	Altered Moenkopi
103.5	110.0	MS	R-Br	VF	N	Moenkopi MS

γ-Ray Log

0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
106.0	0.6	0.047		0.03	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

Uranium Capital Print Shop
MOAB, UTAH

DRILL HOLE LOG

Logged For: [illegible]

Type of Drill: [illegible]

Drill-hole No. 38
Total depth 91.1
Collar elev. [illegible]3.5 T P
Area [illegible] Co. Utah

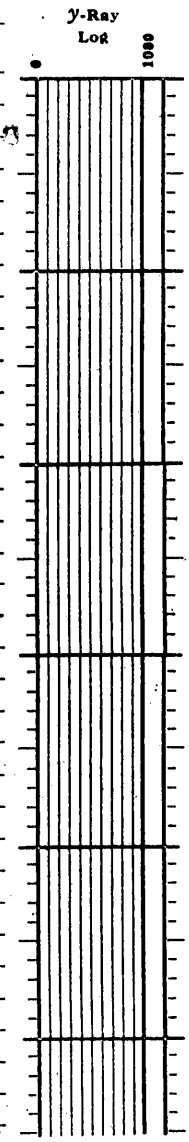
COORDINATES
North East
Tie [illegible] 37

Claim [illegible]
Date started 7-13
Date completed 7-18
Logged by [illegible]

Summary of log ; OBSS Thick ; SS color ; MS under OBSS ; Cbn

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	60.0	Plug	Br			
60.0	66.1	[illegible]	[illegible]	VF	N	[illegible] Sandy [illegible] Sandy Ribs
66.1	76.3	[illegible]	[illegible]	VF	N	[illegible] Sandy Spots
76.3	84.0	[illegible]	[illegible]	M-VC	[illegible]	Mud Splits
84.0	85.6	[illegible]	[illegible]	VF	N	[illegible] Grains
85.6	91.1	[illegible]	R-Br	VF	N	[illegible] M.S

γ-Ray Log



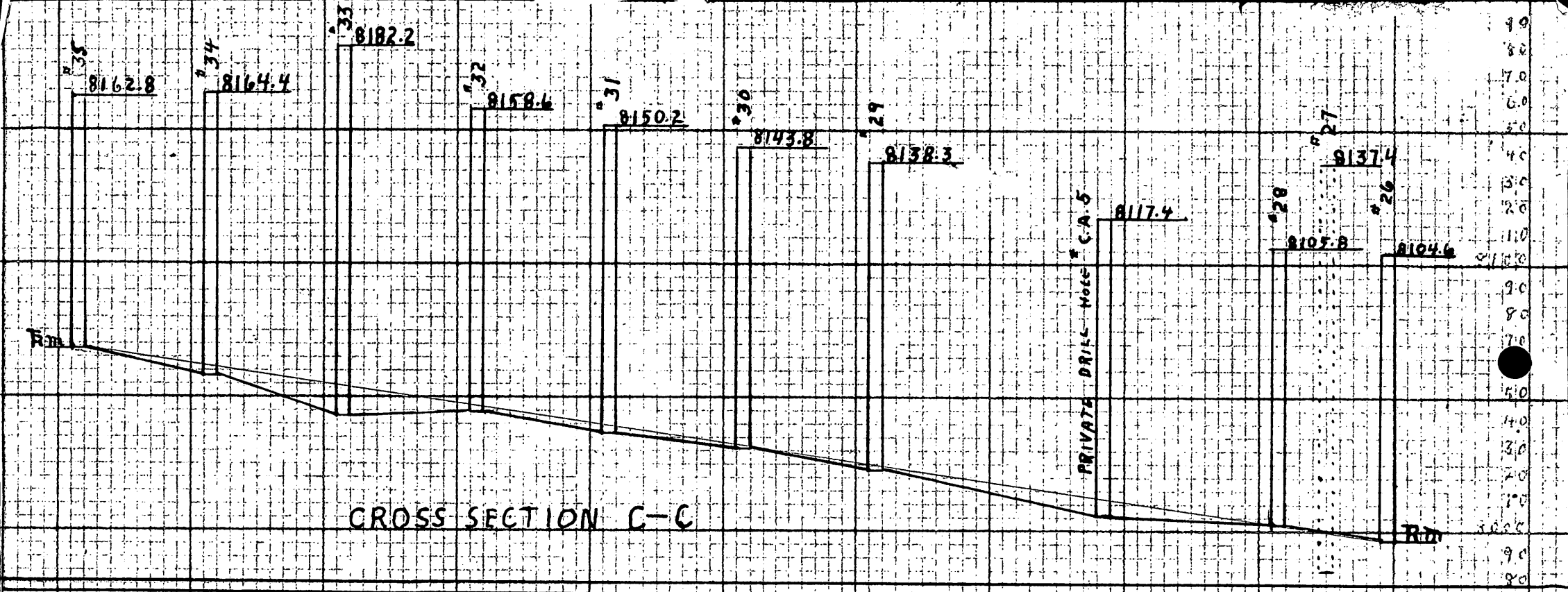
SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
85.1	1.1			0.01	

Abbreviations

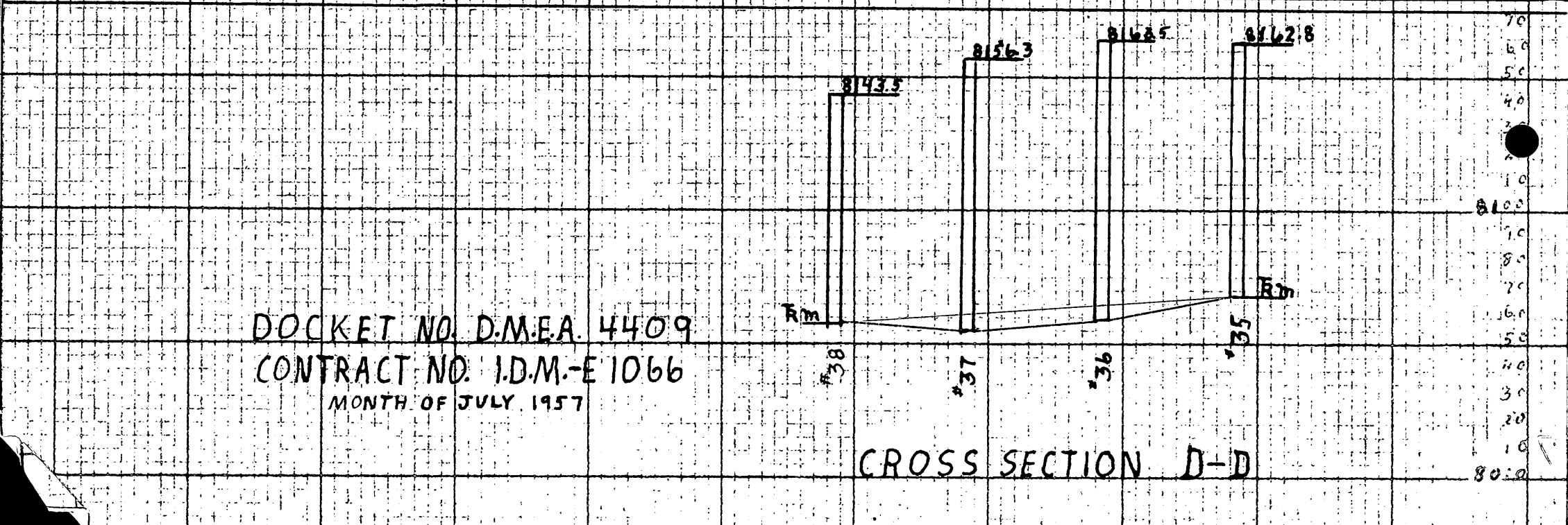
Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

Uranium Capital Print Shop
MOAB, UTAH



CROSS SECTION C-C



DOCKET NO. D.M.E.A. 4409
CONTRACT NO. I.D.M.-E 1066
MONTH OF JULY 1957

CROSS SECTION D-D

Smith's Laboratory

CHEMIST AND ASSAYER

MOAB, UTAH

Bathwell Oil & Uranium

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Aug 6, 195 7

Sample Description	% UO_3	% V_2O_5	% $CaCO_3$	%	%	%			
Hole #9 40½'	0.011								
Hole #12 41'	0.214								

TOTAL CHARGES $ 6.00 Paid

J. Earl Smith
CHEMIST

FINAL DISTRIBUTION

MADE AUG 5 1957

224 New Customhouse
Denver 2, Colorado

July 26, 1957

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DATE	NAMES	CODE
8/7	7/CA	110
	~~1L FAUM~~	700

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-4409 (Uranium) Contract Idm-K1066, ~~Dalnid Oil~~ and Uranium, Inc. (April, Butte and Canyon claims) San Juan County, Utah - Operator's Monthly Progress Report for the month of June, 1957

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

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.

Note: The engineer's report recommends disallowance of $1.00 from the amount reported by the Operator for "Analyses." No disallowance is to be made, as the reported cost does not exceed the Fixed Unit Cost established in the contract for Chemical Analyses.

Remarks:

Date of Report ---------- July 18, 1957
Date Received in Field Office ---------- July 23, 1957
Date Received in Region Office ---------- July 25, 1957

Original signed by
W. H. KING

W. H. King

Enclosures

C:jy
: Chm. Op. Comm. (2)
DMEA,BFC
MF-104 File, Reg. III
Harshman
DMEA,G.Jct. } w/copy of engr's. report
Waler
Iron.

DMEA
DEPARTMENT OF THE INTERIOR

REGION III

JUL 25 1957
REGION III
DENVER, COLORADO

Building 20
Denver Federal Center
Denver 2, Colorado
July 24, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: Carl Belser

Subject: Docket DMEA (Uranium) Contract Idm-E1066,
Dalmid Oil and Uranium, Inc. (April, Butte, and Canyon claims)
San Juan County, Utah -- Progress report for June 1957

The April, Butte, and Canyon claims were visited on July 10, 1957 in company with Martin F. Maher. Holes and cores were inspected. All holes were EX size or larger.

Holes drilled in June 1957, follow:

Hole	Feet Non-core	Feet Core	Total Footage	Hours Standby	Percent eU_3O_8
8	55.0	40.0	95.0	½	90.6'-91.8' = .01
					51.0'-76.0' = .002
					43.2'-44.8' = .01
9	40.0	50.0	90.0	½	87.0'-87.5' = .01
					42.2'-42.5' = .015
					32.5'-35.0' = .008
					25.0'-27.0' = .02
10	20.0	49.5	69.5	½	Barren
11	55.0	48.9	103.9	½	Barren
12	55.0	32.5	87.5	½	39.5'-42.0' = .15 to .22
13	35.0	26.4	61.4	½	Barren
14	55.0	15.0	70.0	1	Barren
15	30.0	55.1	85.1	½	Barren
16	45.0	38.0	83.0	½	Barren
17	65.0	35.1	100.1	½	Barren
18	50.0	40.6	90.6	½	Barren
11	505.0	431.1	936.1	5½	

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The following costs were incurred by the operator:

69½ hours bulldozing at $12.00/hr.	$834.00
431.1 feet core drilling at $3.50/ft.	1,508.85
505.0 feet non-core drilling at $1.25/ft.	631.25
5.5 hrs. standby time at $12.50/hr.	68.75
936.1 feet incidental expense at $0.40/ft.	374.44
2 chemical analyses at $3.00/ea.	6.00
Total	$3,423.29

The receipt for the assaying was $6.00 not $7.00 and $1.00 of the operator's costs was disallowed.

Payment of 75 percent of the above amount, or $2,567.47 is recommended.

Carl Belser
Mining Engineer

CB/mw
cc: 6
Idm-E1066
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

Month of June, 1957 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Dalmid Oil and Uranium Corporation Minerals Uranium
Address 604 Hamilton Bldg., Wichita Falls, Texas
Contract Amount, $ Government Participation: % Amount, $25,441.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	2140.10	0	2140.10			
Bulldozing	834.00	0	834.00			
~~xxxxxx~~ Standby Time	68.75	0	68.75			
~~xxxxx~~ Incid. Allow	374.44	0	374.44			
Chemical Analyses	7.00	0	7.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	3424.29		3424.29	3424.29	—	3424.29

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DMEA DEPARTMENT OF THE INTERIOR JUL 23 1957 REGION III DENVER, COLORADO

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 7/13/57 *Payee Dalmid Oil & Uranium Corp.
Per Oleon E. Collins Title President

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

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

(Instructions on reverse)

Pursuant to authority vested in me, I certify that this account is correct and proper for payment in the amount of:
$2568.22
Signature (Authorized Certifying Officer)
Date 8/2/57 Vou. No. DMA 58-10
(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-E1066 in accordance with the terms of the contract.

Signature Leif Baker ($2,567.47) Title Mining Engineer Date 7/24/57

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. H. Kang Title Executive Officer Date JUL 26 1957

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1962)

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 June 1957 Docket No. DMEA 4409 Contract No. Idm-E1066
Operator's Name Dalmid Oil and Uranium Corporation Minerals Uranium
Address 604 Hamilton Bldg., Wichita Falls, Texas

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					
Bulldozing	hr	834.00	69½	834.00	69½	12.00	100	12.00
Core Drill	ft	1508.85	431.1	1508.85	431.1	3.50	1520	3.50
Non-core Drill	ft	631.25	505	631.25	505	1.25	2850	1.25
Standby time	hr	68.75	5.5	68.75	5.5	12.50	40	12.50
Incid. Allow	ft	374.44	936.1	374.44	936.1	0.40	4370	0.40
Analyses	Spl.	7.00	2	7.00	2	3.50	30	3.50
			STAGE II					
Bulldoz.								
Core Drill.								
Non-core Dr.								
Standby Time								
Incid. Allow.								
Analyses								
TOTAL DISTRIBUTED COSTS								TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		3424.29		3424.29				25m441.00

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

Date 7/13/57 Operator Dalmid Oil & Uran. Corp.

Per Oleon E. Collier Title President

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

REMARKS:

(Instructions on reverse)

(For Government use only)

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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

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DATE	INITIALS	CODE

Re: Docket No. DMEA 4409 (Uranium)
Contract No. Idm-E1066
Dalmid Oil and Uranium, Inc.
(April, Butte, and Canyon claims)
San Juan County, Utah

United States
Department of the Interior
Defense Minerals Exploration Administration
224 New Customhouse
Denver 2, Colorado

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

NARRATIVE FOR JUNE

The first half of June was wet with 4½ days rain, melting snow and frost made bull-dozing slow. When it was decided to ask permission to move Holes No.1 to No. 5, the road being built to these sites, was temporarily discontinued in the wet clay at base of Mossback. It was decided to start drilling on site No. 15 to take advantage of geologic control offered by two shinarump outcrops.

Drilling equipment was moved in with considerable difficulty on June 15. The draw works on the drill being used to pull other equipment through and around mud in the road. The driller took sick that night and drilling did not start until June 18, with a new drill.

22 drill sites, the access roads, and 11 holes were completed at the end of June. One Hole No. 12 contained ore grade in a gray-green mud between a hard sand-stone rib and a thin chert rib, just below the base of the 50 foot sand. Hole No. 18 showed mineralization above the shinarump. Holes No. 9 and No. 8 showed mineralization in the ore zone and a channel appears to be developing there. A channel is indicated at Hole No. 11 with favorable shinarump sand-stone about 28 feet thick. This hole was moved about 25 feet to comply with the 100 foot from nearest border rule. A channel starting at Hole No. 15 with a shinarump lense about 7½ feet thick. Seems to scour or develop more depth at Hole No. 18.

Of 11 holes completed, 1 is unfavorable, 1 semi-favorable, 5 favorable, 3 mineralized and 1 with ore grade count.

Having jumped from Hole No. 18 to site 29 to take advantage of the dry shelf on the 50 foot sand, the first 2 days drilling in July shows promise of a better report next month.

COPY

Respectfully yours,

M. Maher
Field Supt.
Dalmid Oil & Uranium Inc.

FROM:

UTARCO URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

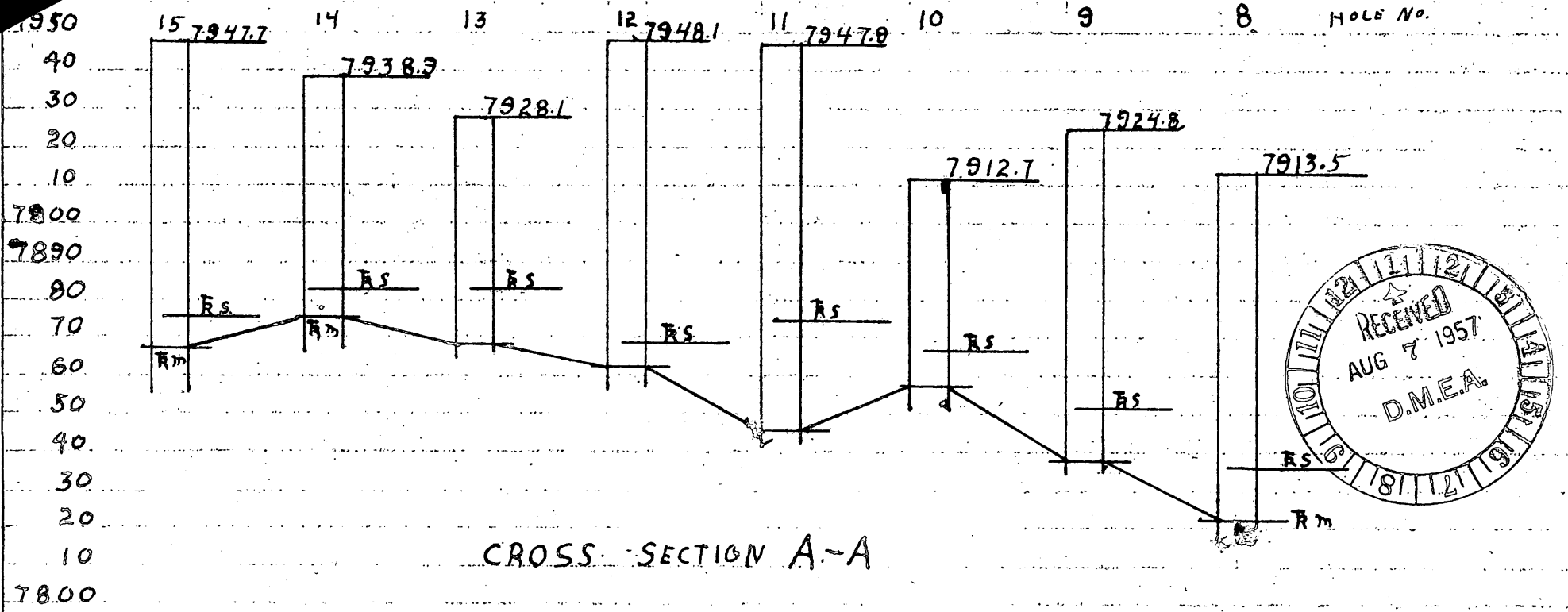
TO:

DALMID OIL & URANIUM CORPORATION
604 Hamilton Building
Wichita Falls, Texas

Date - June, 1957

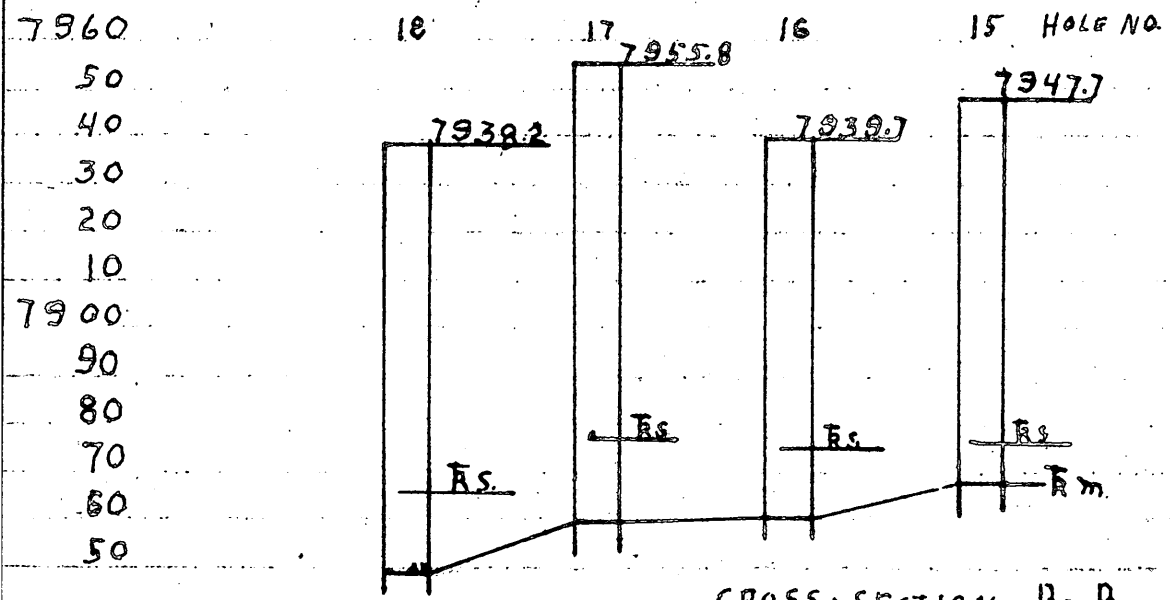
FOR

Hole No.	Date Start	Date Com-plete	Shifts	Item 1-Core @ $3.50	Item 7 Plug @ $1.25 @ ft.	Item 9	Bull-Dozing @ $12.00 @ hr.	Assays @ $3.50	Stand-by @ $12.50	Total Footage	Total Payments
8	6-29	6-30	6/8	40.0	55.0				1/4	95.0	211.875
9	6-28	6-29	1 2/8	50.0	40.0				2/4	90.0	231.25
10	6-28-	6-28	1	49.5	20.0				2/4	69.5	204.50
11	6-27	6-27	1 4/8	48.9	55.0				2/4	103.9	246.15
12	6-26	6-26	1 4/8	32.5	55.0				2/4	87.5	188.75
13	6-25	6-25	6/8	26.4	35.0				2/4	61.4	142.40
14	6-25	6-25	6/8	15.0	55.0				1	70.0	133.75
15	6-18	6-19	1 7/8	55.1	30.0				2/4	85.1	236.60
16	6-19	6-20	1 7/8	38.0	45.0				2/4	83.0	195.50
17	6-21	6-21	1 2/8	35.1	65.0				2/4	100.1	210.35
18	6-22	6-22	1	40.6	50.0				1/4	90.6	207.725
						22 Drill Sites & Roads	69 2/4				834.00
								2			7.00
Rent for Pickup, Jeep, Elec. Probe & other equipment											500.00
Salary for Supervisor											500.00
Rent on Transit											30.00
Totals				431.1	505.0		69 2/4		5 2/4	936.1	
Totals				$1508.50	$631.25		$834.00		$68.75		$4079.50



CROSS SECTION A-A

RECEIVED AUG 7 1957 D.M.E.A.



CROSS SECTION B-B

DOCKET NO. D.M.E.A. 4409
CONTRACT NO. I.D.M.-E 1066
MONTH OF JUNE 1957

DRILL HOLE LOG

Type of Drill .....

Logged For: DALMID DMEA

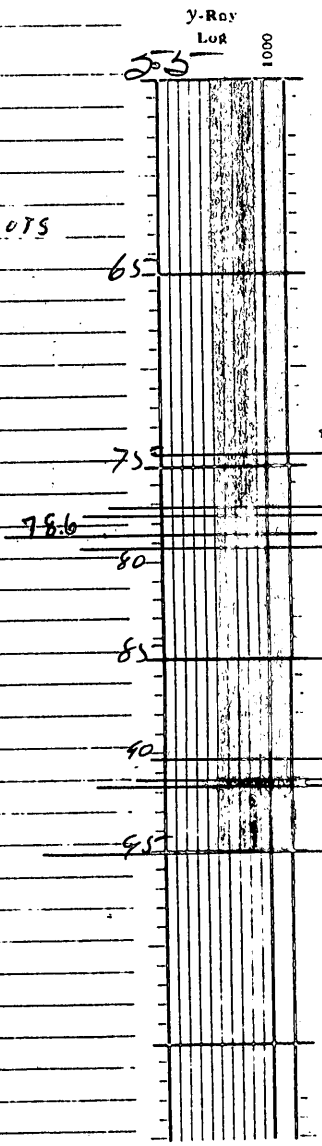
Drill-hole No. 8
Total depth 95.0
Collar elev. 7913.5 T. ..... P
Area SAN JUAN Co. UTAH

COORDINATES
North ..... East .....
Tie 250' S 8° E OF HOLE 9

Claim BUTTE #6
Date started 6-29-57
Date completed 6-30-57
Logged by M.M.

Summary of log MINERALIZED OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.	55.0	PLUG.				
55.0	74.7	M.S.	GY, Pp, R-BR	V.F.	N	CHINLE MOTTLED
74.7	77.1	SS	GY, Pp, R-BR	M.F.	N	" "
77.1	77.5	SS	GY.	M F	N	" SS.
77.5	78.6	SS	GY	M	S	SHINARUMP BR. SPOTS
78.6	79.1	SS	GY	M.F	S	"
79.1	85.0	SS	GY-WH	M.	S	"
85.0	90.5	SS	GY-LBR	M-MC	S	"
90.5	91.6	SS	GY-LBR	M F	N	"
91.6	91.8	M.S	GN	V.F.	N	ALT. MOENKOPI
91.8	95.0	M.S	R-BR	V.F.	N	MOENKOPI



RECEIVED AUG 7 1957 D.M.E.A.

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
91.8	1.2			.01	
76.0	25.0			.001-.005	
44.8	1.6			.01	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

DRILL HOLE LOG

Logged For: DALMID D.M.E.A.

Type of Drill: .....

Drill-hole No. 9

Total depth 90.0

Collar elev. 7924.8 T P

Area SAN JUAN Co. UTAH

COORDINATES

North East

Tie 280' S.70°E. OF APRIL #7 N.E. COR.

Claim BUTTE #6

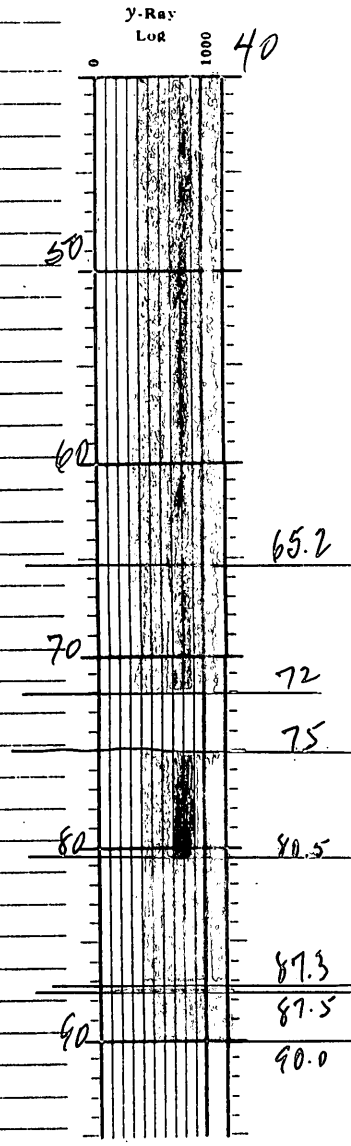
Date started 6-28-57

Date completed 6-29-57

Logged by M.M.

Summary of log MINERALIZED OBSS. Thick ....; SS color ....; MS under OBSS ....; Cbn. ....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.	40.0	PLUG.				
40.0	65.2	M.S.	GY, PP, R-BR	V.F.	N	CHIVLE MOTTLED.
65.2	72.0	SS.	GY, PP, R-BR	M F	N	" "
72.0	75.0	SS	WH.	M	S	SHINARUMP
75.0	80.5	SS	GY, BR, PP.	MF-MC	N	"
80.5	87.3	SS	GY	M	S	"
87.3	87.5	M.S	GN.	VF.	N	ALT. MOENKOPI
87.5	90.0	MS	R-BR	VF.	N	MOENKOPI



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
87.5	.5			-.01	
42.5	3.			.015	
35.0	2.5			.008	
27.0	2.0			.02	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

DRILL HOLE LOG

Logged For: DALMID DMEA

Drill-hole No. 10
Total depth 69.5
Coll. elev 7912.7
Area SAN JUAN Co UTAH
Summ. of lo. FAVORABLE OBSS.

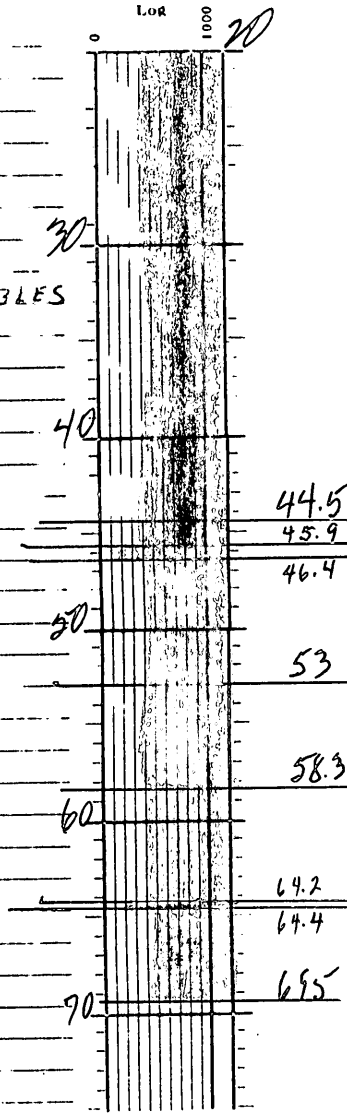
COORDINATES
North: East:
Tie 187.5' N.50°E. OF APRIL #7 N.E. COR.

Claim BUTTE #6
Date started 6-28-57
Date completed 6-28-57
Logged by MM

Thick ; SS color ; MS under OBSS ; Cbn

DEPTH From	To	DESCRIPTION	Color	Grain	Carbon	REMARKS
0.	20.0	PLUG				
20.0	44.5	MS	GY, PR, R BR	VF	N	CHINLE MOTTLED
44.5	45.9	SS	GY, PR, R BR	MF	N	" " "
45.9	46.4	SS	GY LBR	MF	S	SHINARUMP
46.4	53.0	SS	GY, DBR	MC.	S	" DBR. SPOTS OIL
53.0	58.3	SS	GY	M	S	2-1/2" R. MS RIBS
58.3	64.2	SS	GY, LBR	M-C	N	LBR. SPOTS
64.2	64.4	MS	GN	VF	N	ALT MOENKOPI WITH PEBBLES
64.4	69.5	MS	R BR	VF	N	MOENKOPI

γ-Ray Log



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

BARREN

7866.8

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

DRILL HOLE LOG

Logged For: DALMID O.MEA.

Type of Drill:

Drill-hole No. 11

Total depth 103.9

Collar elev. 7947.9 T P

Area SAN JUAN Co UTAH

COORDINATES

North East

Tie 290' N.7°W OF APRIL #7 N.E. COR

102' S.19°W BUTTE 6 N.W. COR

Claim APRIL #6

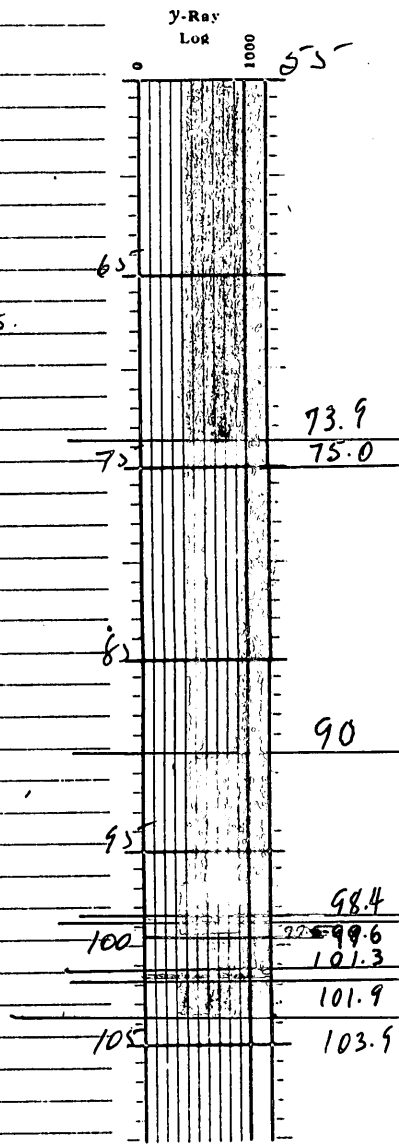
Date started 6-27-57

Date completed 6-27-57

Logged by M.M.

Summary of log VERY FAVORABLE OBSS Thick ; SS color ; MS under OBSS ; Cbn.

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.	55.0	PLUG				
55.0	73.9	MS.	GY, Pp, R-BR	V.F.	N	CHINLE MOTTLED
73.9	75.0	SS	GY.	MF-M	S.	SHINARUMP
75.0	90.0	SS	GY-WH.	M-C	S	D.BR-BL. SPOTS - OIL
90.0	98.4	SS	GY	MC-VC	S	VARY-COLORED PEBBLES.
98.4	99.6	SS	GY	MF-M	S	THIN YW MS VEINS
99.6	101.3	SS	GY, GN, YW	MC-C	S	BR. SPECKS
101.3	101.9	SS	GY-GN	M.F-M	N	PEBBLES + GN. MS. PEBBLES.
101.9	103.9	MS	R-BR	V.F	N	MOENKOPI



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

BARREN

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill:

Drill-hole No. 12

Total depth 87.5

Collar elev 7948.1

Area SAN JUAN Co. UTAH

COORDINATES

North East

Tie 250' N. 46° W OF HOLE 11

Claim APRIL #6

Date started 6-26-57

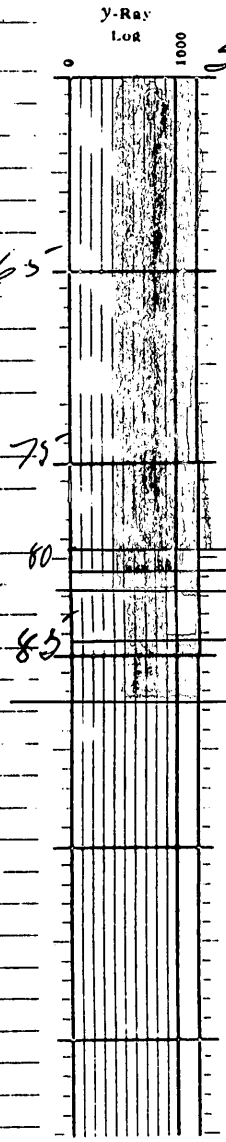
Date completed 6-26-57

Logged by MM

Summary of log MINERALIZED OBSS Thick ; SS color ; MS under OBSS ; Cbn.

ORE GRADE

DEPTH From	DEPTH To	Color	Grain	Carbon	REMARKS
0.	55.0	PLUG			
55.0	79.2	MS GY, PP, BBR	VF	N	CHINLE MOTTLED
79.2	81.7	SS GY, PP	MF	N	SHINARUMP PP ST. RIBS
81.7	82.6	SS GY	MF-M	S	"
82.6	84.8	SS GY LBR	M-MC	S	"
84.8	87.5	MS R-BR	VF	N	MOENKOPI



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
42.0	2.5			15 to 22	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 12

DRILL HOLE LOG

Type of Drill .....

Logged For DALMID DMEA.

Drill-hole No. 13

Total depth 61.4

Collar elev. 7928.1 T. ..... P

Area SAN JUAN Co. UTAH

COORDINATES

North ..... East .....

Tie 250' N. 25° W. OF HOLE 12

Claim APRIL #6

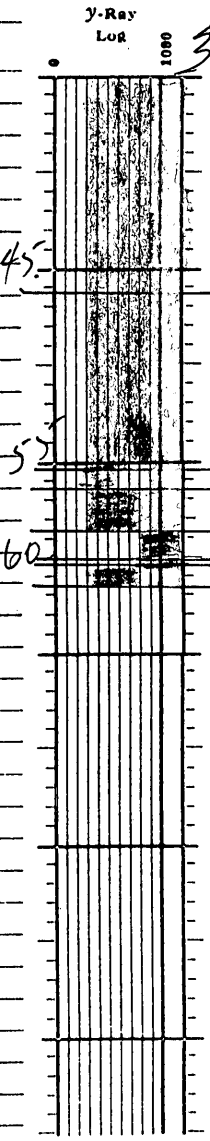
Date started 6-25-57

Date completed 6-25-57

Logged by M.M.

Summary of log UN-FAVORABLE OBSS ..... Thick ..... ; SS color ..... ; MS under OBSS ..... ; Cbn. .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.	35.0	PLUG.				
35.0	46.2	MS	GY, PP, R-BR	VF	N.	CHINLE MS. SANDY RIBS
46.2	55.2	SS	GY. PP	ME-VC	S	SHINARUMP PP + GY. ST. RIBS
55.2	56.3	SS	GY, YW, BR	M.	S	" "
56.3	58.7	SS	R, PP.	F.-M	N.	PP. ST. RIBS
58.7	60.0	SS	YW, BR.	ME.	N	YW, GN SILT STONE PEBBLES.
60.	60.1	M.S	YW. GN.	VF	N.	ALT. MOENKOPI
60.1	61.4	MS	R-BR	VF.	N.	MOENKOPI



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

BARREN

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill:

Drill-hole No. 14

Total depth 70

Collar elev 7938.4 F P

Area SAN JUAN Co UTAH

COORDINATES

North East

Tie 250' N 25° W OF HOLE 13

Claim APRIL #6

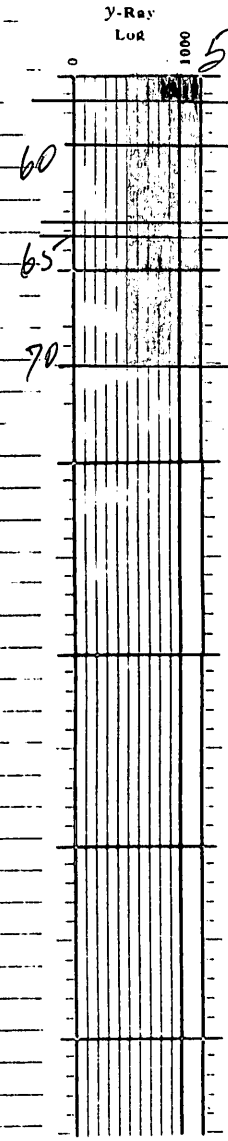
Date started 6-25-57

Date completed 6-25-57

Logged by MM

Summary of log SEMI-FAVORABLE OBSS. Thick ; SS color ; MS under OBSS ; Cbn.

DEPTH From	To	DESCRIPTION R	Color	Grain	Carbon	REMARKS
0	55.0	PLUG				
55.0	56.4	ST.	PP, R-BR	V.F	N	
56.4	58.4	SS.	GY	MF-M	S	SHINARCMP.
58.4	62.9	SS.	GY-BR	M.	S.	ONE HARD RIB
62.9	63.1	MS.	GY-GN	VF	N	ALT. MOENKOPI
63.1	70.0	MS	R-BR	VF	N	MOENKOPI



SAMPLE BASE	THICK	LAB ASSAY (%) U_3O_8	V_2O_5	FIELD EST. (%) U_3O_8	V_2O_5

Barren

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

DRILL HOLE LOG

Type of Drill .....

Logged For DALMID DMEA

Drill-hole No. 15

Total depth 85.1

Collar elev. 7947.7 T..... P

Area SAN JUAN Co UTAH

COORDINATES

North ..... East .....

Tie 128' S.30° E OF APRIL 4 N.E. COR.

Claim APRIL 6

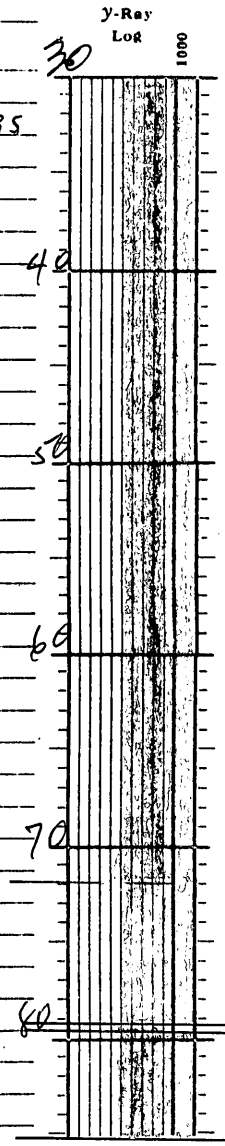
Date started 6-18-57

Date completed 6-19-57

Logged by MM

Summary of log FAVORABLE; OBSS ..... Thick ..... ; SS color ..... ; MS ..... under OBSS ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.	30.0	PLUG				
30.0	72.0	MS	GY, Pp, R-BR	V.F.	N	CHINLE MS. MOTTLED, SANDY RIBS
72.0	79.6	SS	GY.	M-VC.	S	SHINARUMP WITH PEBBLES
79.6	79.9	MS	YW-GN	V.F.	N	ALT. MOENKOPI
79.9	85.1	MS	R-BR	V.F.	N	MOENKOPI



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Barren

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill:

Drill-hole No.: 16
Total depth: 83
Collar elev.: 7939.7 T P
Area: SAN JUAN Co UTAH

COORDINATES
North East
Tie 250' N 82° W of HOLE 15

Claim: APRIL #4
Date started: 6-19 57
Date completed: 6-20-57
Logged by: MM

Summary of log: FAVORABLE ; OBSS ; Thick ; SS color ; MS under OBSS ; Cbn.

DEPTH From	DEPTH To	COLOR	Rock Color	Grain	Carbon	REMARKS
0.	45.0	PLUG				
45.0	63.9	GY, PP, R, BR	MS	VF	N	CHINLE MS. SANDY RIBS
63.9	73.5	GY, PP	SS	M-VC	S	SHINARUMP. PEBBLES TO 1½"
73.5	75.5	PP-R-BR	MS	VF	N	SAND STONE RIB WITH PEBBLES
75.5	79.6	GY	SS	C-VC	S	WITH LARGE PEBBLES
79.6	79.7	GY-GN	MS	VF	N	ALT. MOENKOPI
79.7	83.0	R-BR	MS	VF	N	MOENKOPI

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Barren

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.

DRILL HOLE LOG

Logged For: DALMID D.M.E.A.

Type of Drill: .....

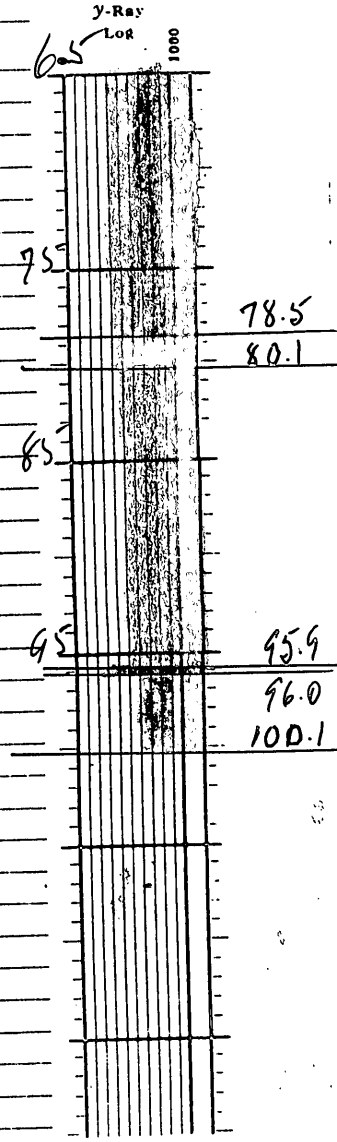
Drill-hole No. 17
Total depth 100.1
Collar elev. 7955.8 T ..... P
Area SAN JUAN Co. UTAH

COORDINATES
North ..... East .....
Tie 250' WEST OF HOLE 16

Claim APRIL #4
Date started 6-21-57
Date completed 6-21-57
Logged by MM

Summary of log FAVORABLE ; OBSS ..... Thick ..... ; SS color ..... ; MS ..... under OBSS ; Cbn .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	65.0	PLUG				
65.0	78.5	MS	GY, PP, R-BR	VF.	N	CHINLE SANDY RIBS
78.5	80.1	SS	GY	MF-M	S	SHINARUMP.
80.1	95.9	SS	GY, PP	M-VC	S	" 2 PP. ST. RIBS
95.9	96.0	MS	GN	VF	N	ALT. MOENKOPI
96.0	100.1	MS	R-BR	VF.	N	MOENKOPI



SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Barren

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. .....

DRILL HOLE LOG

Logged For: DALMID DMEA

Type of Drill: ....

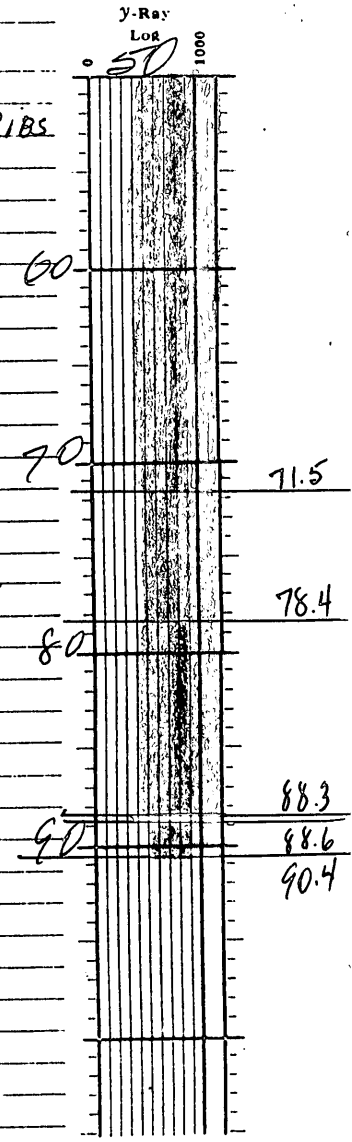
Drill-hole No.: 18
Total depth: 90.6
Collar elev.: 7938.21 P
Area: SAN JUAN Co. UTAH
Summary of log: MINERALIZED OBSS IN PLUG ZONE

COORDINATES
North: ....
East: ....
Tie: 250 WEST OF HOLE 17

Claim: APRIL #4
Date started: 6-22-57
Date completed: 6-22-57
Logged by: M.M.

Thick.....; SS color.....; MS under OBSS.....; Cbn. .....

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0.	50.0	PLUG				
50.0	71.5	MS	GY, PP, R, BR	VF	N	CHINLE, MOTTLED, SANDY RIBS
71.5	78.4	SS	GY PP	M MC	S	SHINARUMP
78.4	88.3	ST, S	R, PP, R, BR	VF	N	SANDY RIBS
88.3	88.6	SS	GY	C	S	GN. MS. PEBBLES
88.6	90.4	MS	R-BR	VF	N	MOENKOPI



RECEIVED AUG 2 1957 D.M.E.A.

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No.: .....

FINAL DISTRIBUTION

MADE SEP 2 1958

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

Administrative Audit Difference Statement

[redacted]

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

DMEA-4409

[redacted]

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

Amount Claimed $ [redacted]

Difference $ [redacted]

Amount Approved $ [redacted]

The reason for the difference was due to:

[redacted]

ORIGINAL FILE COPY
DMEA
RECEIVED SEP 5 1958

DATE	INITIALS	CODE
9/5	C	220
"	JG	110
"	Chas	700
	(Murphy)	

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

204 New Customhouse
Denver 2, Colorado
August 27, 1958

Memorandum

To: T. A. Christensen

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

Subject: Docket No. DMEA 4409 (Uranium) Contract Ion-E1066, Balmid Oil and Uranium Corp., (Agadi, Butte, and Canyon claims) San Juan County, Utah - Operator's Monthly Progress Report for the period of June - July, 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.

An error is noted in the Unit Costs for standby time authorized by the contract in both Stage I and Stage II, as reported on Forms MF-104 and MF-104A. The error is reflected in the "Totals Previously Reported" and "Totals to Date," for the item of standby time in Stage I and Stage II, on Form MF-104. The error is likewise reflected on Form MF-104A in the "Costs to Date" and "Unit Costs to Date," for the item of standby time. We are instructing the Operator to make the necessary corrections in future reports.

We consider that the Operator has complied with the intent of the contract, and the work is acceptable to the Government. All of the work was performed at "Fixed Unit Costs" under the short form contract MF-200A, therefore documentation of the costs is not required.

<u>Reinstate</u> the amount of $530.50 which was withheld from the October, 1957, and supplemental October, 1957, voucher.

Remarks:

Date of Report----------August 2, 1958
Date Received in Field Office----------August 4, 1958
Date Received in Region Office----------August 18, 1958

Enclosures
MEM:bmh
cc: Chem. Op. Comm. (2)
DMEA/G.Jct.
MF-104 file, Reg. III
Harshman
DMEA/RPC
Hasler
Cooper
Caron
} w/copy of Engr's Report

Original signed by
J. W. TOWNSEND

J. W. Townsend

DMEA
DEPARTMENT OF THE INTERIOR
AUG 18 1958
REGION III
DENVER, COLORADO

P. O. Box 360
Grand Junction, Colorado

August 15, 1958

Memorandum:

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

From: H. F. Robertson

Subject: Docket No. DMEA 4409 (Uranium), Contract Um-2 1066, Dalnid Oil and Uranium Corp. (April, Butte, and Canyon claims, San Juan County, Utah. Progress report for June-July 1958

Work under the subject contract was resumed on June 25, 1958, thus terminating the authorized (Amendments Nos. 3 and 4) recess which included the period between October 11, 1957, and July 1, 1958. The project was visited on August 7, 1958, by H. F. Robertson accompanied by Raymond C. Robeck, the operator's geologist.

The operator's claim (received at Grand Junction on August 4, 1958) covers the costs incurred in the completion of 1,425 feet of non-core drilling and 306 feet of core drilling in 1 first stage hole and 13 second stage holes. Reimbursement is claimed for the following items (Stages I and II combined):

Fixed Unit Cost Items

Non-core drilling,	1,425 feet at $1.25/ft.	$ 1,781.25
Core drilling,	306 feet at $3.50/ft.	1,071.00
Standby time,	9½ hours at $8.00/hr.	76.00
Bulldozer,	76-3/4 hours at $12.00/hr.	921.00
Incidental allowance,	1,731 feet at $0.40/ft.	692.40
Chemical analyses,	3 samples at $3.50 ea.	10.50
	Total claimed for June-July operations	$ 4,552.15

All of the work was performed at "Fixed Unit Costs" under the short form contract on Form MF-DMEA, therefore, documentation of the costs is not required. The hole locations, cored intervals, and penetration of the underlying red Moenkopi were checked during the inspection and all appear to conform to contract specifications.

Note that payment for Hole D-57 was not claimed by the operator. The hole was drilled non-core completely through the Shinarump formation because of an erroneous collar elevation used by the operator's geologist when estimating the plug-bit depth. The hole was radiometrically probed and found to be barren. The approximate depth and thickness of the Shinarump formation was obtained from the driller and correlation with the depth of formations in adjacent holes D-56 and D-58. There is nothing more to be gained by redrilling the hole, so it is recommended that the operator be permitted to delete the hole planned at that particular location.

The operator is currently drilling additional second stage holes in the southern part of the project area.

The inspecting engineer recommends payment of $3,414.11, representing 75 percent of $4,552.15, the amount claimed for operations during June-July 1958.

H. F. Robertson

H. F. Robertson
Mining Engineer

Table I - Summary of drilling operations during June - July 1958

Hole No.	Drill Footage			Mineralization			
				Radiometric		Chemical	
	Non-Core	Core	Total	Interval	% U_3O_8	Interval	% U_3O_8
D-5	100	19	119	Barren		-	-
D-39	172	13	185	183.0-183.8	0.08	183.0-183.8	0.17
D-40	100	20	120	Barren		-	-
D-41	100	20	120	Barren		-	-
D-42	108	27	135	Barren		-	-
D-43	115	19.5	134.5	Barren		-	-
D-44	105	17.5	122.5	Barren		-	-
D-53	33	28.5	61.5	55.9-56.4	0.10	-	-
D-54	40	15	55	53.1-53.4	0.05	53.1-53.4	0.07
D-55	40	15	55	50.6-52.3	0.06	50.6-52.3	0.007
D-56	80	28.5	108.5	Barren		-	-
D-58	137	29	166	Barren		-	-
D-59	140	18	158	Barren		-	-
D-62	155	36	191	Barren		-	-
Totals	1,425	306	1,731				

535 Orchard Avenue
Grand Junction, Colorado

August 2, 1958

Mr. J. W. Townsend
DMEA Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Dear Mr. Townsend:

Enclosed is the first monthly report for 1958 for Dalmid Oil & Uranium Corp.'s DMEA project 4489. Work started on June 25, 1958 and a total of ~~13~~ 14 holes were completed.

Enclosed are 6 copies each of the following:

Map No. 4
Map (DMEA contract map showing holes in north area)
14 ~~15~~ Geologic logs
2 Assay sheets
Narrative of activities
2 Financial sheets

Sincerely,

Raymond C. Robeck

Raymond C. Robeck,
Consulting Geologist
Agent for:
Dalmid Oil & Uranium Corp.

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 SEP 5 1958 DMEA

Month of June-July 1958 Docket No. DMEA 4409 Contract No. Idm-51066
Operator's Name Dalmid Uranium & Oil Corp. Minerals Uranium
Address Box 1590, Wichita Falls, Texas
Contract Amount, $ 25,441.00 Government Participation: 75% Amount, $ 19,080.00

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:		Stage I				
Drilling	191.50	7707.00	7898.50			
Bulldozing	-	1200.00	1200.00			
Crosscutting						
~~Drilling~~ Standby	8.00	198.00	206.00			
~~xxxxx~~ Incidental	47.60	1474.80	1522.40			
(2) Labor and Supervision: Analyses	-	52.50	52.50			
Labor Total	247.10	10632.30	10879.40			
Supervision Stage I						
Technical Services						
(3) Operating Mat'ls. and Supplies:		Stage II				
Timber						
~~Explosives~~ Drilling	2660.75	1959.00	4619.75			
~~Pxxxxxxx~~ Dozer	921.00	279.00	1200.00			
~~xxxx~~ Standby	68.00	44.00	112.00			
xxx Incid.	644.80	456.60	1101.40			
Analyses	10.50	14.00	24.50			
Total Stage II	4305.05	2752.60	7057.65			
(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	4552.15	13384.90	17937.05	4552.15	13,345.02	17,897.17

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

Date 8/29/58 *Payee Dalmid Oil & Uranium Corp.

Per Raymond C. Robeck Title Agent

*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:

$3,944.61

Signature [illegible]
(Authorized Certifying Officer)

Date 8/29/58 Vou. No. DMEA 59-29
(See other side)

Reinstate 530.50

(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-E1066 in accordance with the terms of the contract.

Signature R. T. Robertson $3,414.11 Title Mining Engr. Date 8/15/58

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE Checked for Engineering Allowability

Signature J. W. Tomlinson Title alternate acting Executive Officer Date AUG 26 1958

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

RECEIVED SEP 5 1958 DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June-July 8 195 Docket No. DMEA 5409 Contract No. Idm-E1066

Operator's Name Dalmid Oil & Uranium Corp. Minerals Uranium

Address Box 1590, Wichita Falls, Texas

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								
Non-core drilling	ft.	125.00	100	3012.50	2410	1.25	2850	1.25
Core " "	ft.	66.50	19	4886.00	1396	3.50	1520	3.50
Dozer	hr.	-	-	1200.00	100	12.00	100	12.00
Standby	hr.	8.00	1	206.00	25.75	8.	40	8.00
Incide.	ft.	47.60	119	1522.40	3806	0.40	4570	0.40
Analyses	spl.	-	-	52.50	15	3.50	30	3.50
Total Stage I		247.10		10879.40				
Stage II								
Non-core drill	ft.	1656.25	1325	2787.50	2230	1.25	3000	1.25
Core drilling	ft.	1004.50	287	1832.25	523.5	3.50	1600	3.50
Dozer	hr.	921.00	76.75	1200.00	100	12.00	100	12.00
Standby	hr.	68.00	8.50	112.00	14	8.00	40	8.00
Incidental	ft.	644.80	1612.00	1101.40	2753.5	0.40	4600	0.40
Analyses	spl.	10.50	3	24.50	7	3.50	33	3.50
TOTAL DISTRIBUTED COSTS Total Stage II		4305.05		7057.65				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		4552.15		17937.05				

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

Date 8/2/58 Operator Dalmid Oil & Uranium Corp.

By Raymond C. Pobreck Title Agent

REMARKS: H.F.R.

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

Dalmid Oil and Uranium Corp.
DMEA Project 4409
April et al Claims, Elk Ridge, San Juan County, Utah

Narrative for June-July 1958

The Stage II drilling was resumed on October 11, 1957. Drilling began in 1958 on June 25. Some errors were found in previous surveying so the entire south (April-Butte) area was resurveyed as is shown on the enclosed Map 4. The holes were drilled with water using a Jay coring rig.

Hole D-40

The collar elevation is 7958. The hole was plugged 4-1/4 inches in diameter to 60 where a Bx casing was set. The hole was then plugged with a Hawthorne Bx size bit to 100. Bx core was then cut to a total depth of 120 feet. A Monitor Butte cemented sandstone at 100' had to be cored with a diamond bit for 2 feet. The top of the Shinarump is often in a gradational unit so that it (the top) is difficult or impossible to determine. The Moenkopi was encountered at a depth of 116 giving an approximate Shinarump thickness of 14 feet. The hole appears to be in a channel although in an area that is leached. The hole contains 10 feet of coarse sandstone but is barren.

D-41

Collar elevation is 7967. The Moenkopi was encountered at 116 giving an approximate Shinarump thickness of 17 feet. The hole appears to be a foot lower in the same (Butte) channel as D-40 is in. The hole is leached and barren.

D-42

Collar elevation is 8005. The Moenkopi was encountered at 134 feet giving an approximate Shinarump thickness of 27 feet. The hole was leached and barren although deep in the "April" channel. There is 24 feet of clean coarse brown sandstone in the base of the channel.

D-5

This is a Stage I hole that was not drilled in 1957. Collar elevation is 7922. The Moenkopi was encountered at 112 feet without finding any Shinarump.

D-43

Collar elevation is 8007. The Moenkopi was encountered at 130 so the Shinarump is about 17 feet thick. The hole was leached and barren and appears to be up on the northwest flank of the April channel.

D-44

Collar elevation is 8005. The Moenkopi was encountered at 119.5 feet so the Shinarump is about 13 feet thick. The hole was leached and barren.

D-39

This hole was drilled in the location as shown on DMEA contract map of the April et al Claims. Collar elevation is 7973. The Moenkopi was encountered at 184 so the Shinarump is about 11 feet thick. A mudstone .75 foot thick at the base contains 0.17 U_3O_8 (Chem.) The Shinarump sandstones and interbedded mudstones were not leached.

North Area
Hole D-53

These holes were drilled as offsets to D-30 which was an ore hole. Collar elevation is 8091. The Moenkopi was encountered at 53 feet making the Shinarump a very questionable 14 feet thick. There is an upper sandstone if included in the Shinarump would make the Shinarump 10 feet thicker. The lower 9 feet of Shinarump is a coarse sandstone that is nearly black because it contains asphaltic oil. The asphalt seems to protect the rocks from leaching and thus accounts for small pockets of radioactivity that seem to be present in the area. This hole from 50.6 to 52.3 (1.7') assayed .007 U_3O_8.

D-54

Collar elevation is 8090. The Moenkopi was encountered at 53 feet so the Shinarump is about 15 feet thick. At the base 0.3 feet assayed 0.07 U_3O_8. The sands are asphaltic.

D-55

Collar elevation is 8091. The Moenkopi was encountered at 57 feet so the Shinarump is about 14 feet thick. Slight radioactivity (.10 field est.) was found from 55.8 to 56.3 (.5'). The sands are asphaltic.

South Area

These holes were drilled as offsets to further explore the trend and nature of the April and Butte channels.

Hole D-57

Collar elevation is 7974. Water circulation was lost and the Shinarump was plugged through before detection. A sandstone was encountered from 133 to 140. This seems to make a corrected elevation of 7901 which indicates the hole is not in the thalwag but on the terraced side of the Butte channel. The hole was probed and it is barren. (This hole has not been claimed for payment on this month's financial statement.)

D-56

Collar elevation is 7946. The Moenkopi was encountered at 105 so the Shinarump is about 17? feet thick. The top contact is very questionable. The hole is mostly leached out and barren.

D-58

Collar elevation is 7999. The Moenkopi was encountered at 162 feet so the Shinarump is about 19 feet thick. The hole is only slightly leached but is barren.

D-59

Collar elevation is 8003. The Moenkopi was encountered at 155.5 feet so the Shinarump is about 16.5 feet thick. The hole is slightly leached but is barren.

D-62

Collar elevation is 8030. The Moenkopi was encountered at 169 feet so the Shinarump is about 34 feet thick. The hole is mostly leached, is barren but is in the thalwag of the April channel.

Raymond C Robeck
Aug 2, 1958
Geologist

Drilling - Stage II 1958

Hole	Plug	Core	Standby	Analyses	Incidental
39	172	13	1.	1	185
40	100	20	.5	-	120
41	100	20	.5	-	120
42	108	27	.5	-	135
43	115	19.5	.5	-	134.5
44	105	17.5	2.	-	122.5
53	33	28.5	.5	1	61.5
54	40	15	.5	1	55.
55	40	15	.5	-	55.
56	80	28.5	.5	-	108.5
58	137	29	.5	-	166.
59	140	18	.5	-	158.
62	155	36	.5	-	191
	1325	287.0	8.5	3	1612.0

Drilling - Stage I 1958

3	100	19	1	-	119

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 5
Total depth: 119
Collar elev.: T 7922' P
Area: Elk Ridge

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/1/58
Date completed: 7/2/58
Logged by: R. C. Robeck

Summary of log: Unfavorable; OBSS: Absent Thick: 0; SS color: —; MS under OBSS: Red; Cbn: N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	100	MS, ST	Pp gray	F	N	Monitor Butte, Plug
100	112.2	MS, ST	Pp	F	N	Mottled Monitor Butte, Bx Core
112.2	112.4	MS	gray	F	N	Moenkopi
112.4	119	MS	Red	F	N	"

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
				Barren	

Abbreviations

Wh—white
Br—brown
R—red
Gy—gray
Bl—blue
Gn—green
Yw—yellow
Bk—black
Pp—purple
Cbn—carbon
OBSS—ore bearing sandstone
CG—conglomerate
SS—sandstone
MS—mudstone
ST—siltstone
F—fine
M—medium
C—coarse
N—none
S—sparse
A—abundant

Hole No. 5

DRILL HOLE LOG

Logged For: Dalmid Uranium Corp

Type of Drill: Joy

Drill-hole No.: 39
Total depth: 185
Collar elev.: T 7975 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/9/58
Date completed: 7/10/58
Logged by: R. C. Robeck

Summary of log: Favorable; OBSS 173-184 Thick 11; SS color Gray; MS under OBSS .05 gray; Cbn. S

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	125	MS, sdy	gy			Monitor Butte member
125	170	MS	Pp gy			Plug to 172
170	173	MS, ST	Pp			Mottled. Core Bx 172-185
173	173.2	SS	Pp gray	C	N	Kcs
173.2	176	ST, MS	Pp, gy	sdy	N	Mottled
176	178.5	MS	gy			
178.5	180.6	SS	gy	C	S	gray clay cement
180.6	181.2	MS	gy	sdy	N	
181.2	181.8	SS	gy	C		
181.8	182.1	MS	gy		S	
182.1	183	SS	gy	C		gray clay cement
183	183.75	MS	gy	silty	S	Kcs, cbn and sand grains at base
183.75	183.8	MS	gy		N	Moenkopi
183.8	185	MS	red			"

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
183.75	.75	.17	—	.08	—

Abbreviations

Wh—white
Br—brown
R—red
Gy—gray
Bl—blue
Gn—green
Yw—yellow
Bk—black
Pp—purple
Cbn—carbon
OBSS—ore bearing sandstone
CG—conglomerate
SS—sandstone
MS—mudstone
ST—siltstone
F—fine
M—medium
C—coarse
N—none
S—sparse
A—abundant

Hole No. 39

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 40
Total depth: 120
Collar elev.: T. 7958 P
Area: Elk Ridge

COORDINATES
North: East:
Tie:

Claim:
Date started: 6/25/58
Date completed: 6/26/58
Logged by: R.C. Robeck

Summary of log: Favorable; OBSS 102-116 Thick 14; SS color Br, gy; MS .05' gn under OBSS; Cbn. None

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	60	MS	pp-gy	F	N	
60	65	CG, SS	gy	F-C	N	drilled with diamond bit
65	100					Plug ; Monitor Butte Mn.
100	105	SS, ST	pp	F-M	S	Interbedded. Rcs. Bx core
105	106	ST sdy	pp	F	N	
106	106.8	SS	gy, Pp strks	C	N	
106.8	108.5	SS	Pp	F-C	N	
108.5	108.9	SS	gy	M	N	
108.9	111.1	SS, CG	gy	C	N	
111.1	113	CG	br	C	N	oxidized, porous
113	116	CG	gy	C	N	1/4" Pebbles, wh. Kaolin cement
116	120	MS	Red	F	N	Moenkopi

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
				Barren	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 40

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 41
Total depth: 120
Collar elev.: T 7967 P
Area: Elk Ridge

COORDINATES
North: East:
Tie:

Claim:
Date started: 6/27/58
Date completed: 6/30/58
Logged by: R. C. Robeck

Summary of log: Favorable; OBSS 99-115.7 Thick 17; SS color gy, br; MS under OBSS grn, gy; Cbn. N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	100	MS, ST	Pe gy	F	N	Monitor Butte; plug.
100	100.6	SS	gy, Pp strks,	M-C	N	99' Rcs. Bx Core
100.6	104.6	SS	Pp	F-M	N	
104.6	105.2	SS	gy	M-F	N	Iron oxide strks.
105.2	105.8	SS	gy	M-C	N	"
105.8	107	SS	gy	M-C	N	Thin strks.
107	111.7	SS	gy	C	N	Rusty, with kaolin cement
111.7	112.1	SS	gy brn	M-C	N	
112.1	114.2	SS	Pp	F-M	N	streaked
114.2	115	SS	gy	F-M	N	
115	115.7	SS	gy, brn	C	N	
115.7	116	MS	gy	F	N	Moenkopi
116	120	MS	Red	F	N	

γ-Ray Log: 0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
				Barren	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 41

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 42
Total depth: 135
Collar elev.: T 8005 P
Area: Elk Ridge

COORDINATES
North: East:
Tie:

Claim:
Date started: 6/30/58
Date completed: 7/1/58
Logged by: R. C. Robeck

Summary of log: Favorable; OBSS 107-133.6 Thick 27; SS color brn; MS under OBSS 94; Cbn N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	108	MS, ST	Pp gy	F	N	Monitor Butte. Plug
108	110.1	SS	Pp, brn, gy	F-C	N	107' Rcs. Bx core
110.1	133.6	SS	brn	C	N	Porous, oxidized, some dark iron? spots left
133.6	133.8	MS	gy	F	N	Moenkopi
133.8	135	MS	Red	F	N	"

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
				Barren	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 42

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: 43
Total depth: 134.5
Collar elev.: T 8007 P
Area: Elk Ridge

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/2/58
Date completed: 7/3/58
Logged by: R. E. Robeck

Summary of log: ~~Un~~ Sami favorable; OBSS 113-130 Thick 17; SS color brn; MS under OBSS gray; Cbn N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	65	MS,ST	Pp gy	F		Monitor Butte
65	66	SS	gray	C-F	N	" " , cemented
66	115	MS,ST	Pp gy	F	N	" " , Plug
115	116.6	SS	Pp	F-C	N	113' Fcs , brn strks. Bx Core
116.6	117.2	SS	brn	M-C	N	Pp strks.
117.2	117.6	SS	Pp	M	N	
117.6	117.8	SS	brn	C	N	
117.8	118.2	SS	Pp	M	N	brn strks.
118.2	119.8	SS	brn	C	N	
119.8	120.9	SS	Pp	F-M	N	brn strks
120.9	121.4	SS	gy brn	F-M	N	Minor Mn stain
121.4	130	SS	brn	C	N	blk Mn at 122-123, Not all leached
130	130.1	MS	gray	F	N	Moenkopi
130.1	134.5	MS	Red	F	N	"

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
				Barren	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 43

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium Corp-4409

Drill-hole No.: 44
Total depth: 122.5
Collar elev.: T 8005 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/7/58
Date completed: 7/7/58
Logged by: R. C. Robeck

Summary of log: Semi-favorable; OBSS 106-119.5 Thick 13.5; SS color br; MS under OBSS .3 gray; Cbn. N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	62	MS	gy			Monitor Butte
62	63	SS	gy			cemented
63	106	MS	Pp gy	sdy		Plug to 105'
106	107.5	SS	Pp, brn	M-f	N	Mottled; Fcs gradational contact
107.5	111	MS	gy	sdy	N	
111	119.5	SS	bn, gy	M-C	N	Porous, friable
119.5	119.8	MS	gray			Moenkopi
119.8	122.5	MS	red			"

γ-Ray Log
0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 44

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: D-53
Total depth: 61.5
Collat elev.: T 8091 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/18/58
Date completed: 7/18/58
Logged by: R.C. Robeck

Summary of log: Semi favorable OBSS 32.5? - 57 Thick 24.5'; SS color br gray; MS under OBSS gray; Cbn. N

	DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
	0	10					Surface fill
	10	32.5	Ms	R. Pp r			Monitor Butte - Plug 33'
Bx core	32.5	34.5	SS	br	M-f		Kcs? cemented with silica
	34.5	35.1	Ms	gy, Pp			mottled
	35.1	38	SS	br, gy	M-F		Pp strks., some cement, Ms-brn
	38	43	Ms	br, Pp			mottled, silty strks
	43	54	Ms	gy			silty strks, some mottled
	54	56.8	SS, ST	gy	M-C		SS is silty
	56.8	57	Ms	gy		S	sample to crushed & mixed to analize
	57	60	Ms	gy grn			Kmoenkopi
	60	61.5	Ms	red			"

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
56.4	.5	—	—	.10	—

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 53

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: D-54
Total depth: 55
Collar elev.: T 8090 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/17/58
Date completed: 7/17/58
Logged by: R. C. Robeck

Summary of log: Semi favorable; OBSS 38? - 53 Thick 15?; SS color gray; MS under OBSS gygn; Cbn. S

	DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
	0	10					Surface fill
	10	40	Ms	R, Ppr			Monitor Butte, Plug to 40
							ss at 26' and 29' cemented
							Fcs - 38'
Bx Core	40	45.7	SS	gy	M-C	S	ss interb with MS-SS breccia
	45.7	53.4	SS	gy	C	S	dark gray some brn; asphalt
							MS pellets lower .8'
	53.4	54.4	MS	gygn			Moenkopi
	54.4	55	MS	red			"

γ-Ray Log
0 — 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
53.4	.3	.07	—	.05	—

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 54

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: D-55
Total depth: 55
Collar elev.: T 8091 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/17/58
Date completed: 7/17/58
Logged by: R.C. Robeck

Summary of log: Semi favorable; OBSS 39-53 Thick 14'?; SS color gy; MS under OBSS gy; Cbn. s

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	10					Surface fill
10	39	Ms	R, Ppr			Monitor Butte, sdy strks plug to 40
39	41.2	SS	gy, Pp, br	f-M		Shinarump Bx core
41.2	41.7	Ms	gy, br		s	sdy
41.7	42.2	SS	gy	F-M		silty
42.2	42.8	Ms	gy		s	sdy
42.8	43.7	Ss	gy	M		
43.7	52.8	SS	d. gray	C-M	s	asphaltic
52.8	53.9	Ms	gray			Moenkopi
53.9	55	Ms	red			"

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
52.3	1.7	.007		.06	

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 55

DRILL HOLE LOG

Type of Drill

Logged For Dalmid Uranium - 4409

Drill-hole No. D-56
Total depth 108.5
Collar elev. T 7946 P
Area Elk Ridge, Utah

COORDINATES
North East
Tie

Claim
Date started 7/24/58
Date completed 7/25/58
Logged by R. C. Robeck

Summary of log Unfavorable ; OBSS 88?-105 Thick 17 ; SS color br, gy ; MS under OBSS gy ·1 ; Cbn. N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	10					Surface fill
10	45	Ms	gy			Monitor Butte
45	46	SS	gy			" "
46	80	Ms	Pp red			minor sdy strks, Plug to 80'
80	85.8	Ms, ST	gy, Ppgy			sdy, mixed, Pp mottled
85.8	86.8	SS	gy	F+		silty
86.8	88	MS, SS	Ppr, gy			mottled, abund. iron
88	97	SS	gy +	F-M		Pp mottled Rcs
97	101.5	SS, ST	Pp	F		some gy mottled
101.5	102.3	SS	Pp	F-C		C. at top and Bottom
102.3	104.9	SS	br	C		.3' F. SS at 104
104.9	105	Ms	gray			Moenkapi
105	108.5	Ms	red			"

y-Ray Log 1000

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 56

DRILL HOLE LOG

Type of Drill.....

Logged For Dalmid Uranium - 4409

Drill-hole No. D-58
Total depth 166
Collar elev. T 7998 P
Area Elk Ridge, Utah

COORDINATES
North..... East.....
Tie.....

Claim.....
Date started 7/25/58
Date completed 7/29/58
Logged by R. C. Robeck

Summary of log Semi favorable OBSS 143.4?-162 Thick 18.6 ; SS color gy, bn ; MS under OBSS gy ; Cbn. N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	15					Surface fill
15	137	Ms	gy, Ppr			Monitor Bottle Plug to 137
137	141.4	Ms, ST	Ppgy			sdy, mottled Bx core
141.4	143.4	ST	Bl Bk			cemented
143.4	156	SS	Pp & gy	F-M	N	Shinarump?, silty, mottled
156	156.2	ST	gy	sdy	N	
156.2	159	SS	gy, bn, Pp	M-C	N	
159	162	SS	gray	C-M	N	some pyrite, kaolinite
162	162.3	Ms	gray			Moenkopi
162.3	166	Ms	red			"

DESCRIPTION

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 58

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: D-59
Total depth: 158
Collar elev.: T 8005 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/29/58
Date completed: 7/30/58
Logged by: R.C. Robeck

Summary of log: Semi favorable; OBSS 139-155.5 Thick 16.5; SS color gy, bn; MS under OBSS gy; Cbn N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	15					surface fill
15	139	Ms	gy, Ppr			Monitor Butte - Plug to 140'
139	140	SS	bn; Pp gy	C	N	Shinarump Bx core
140	143.3	ST, SS	Pp, r, gy			breccia
143.3	146	SS	Pp	M	N	gy strks
146	146.2	SS	gy	F	N	
146.2	148.5	SS	li gy	C	N	minor leaching, some pyrite
148.5	148.6	SS	bn-blk	C	N	Asphalt
148.6	149.1	SS	bn	C	N	slightly asphaltic
149.1	151	SS	gy, bn	C	N	Ms strks, partially leached
151	155.5	SS	gy, bn	C	N	" "
155.5	155.6	Ms	gy			Moenkopi
155.6	158	Ms	red			"

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 59

DRILL HOLE LOG

Type of Drill: Joy

Logged For: Dalmid Uranium - 4409

Drill-hole No.: D-62
Total depth: 191
Collar elev.: T 8030 P
Area: Elk Ridge, Utah

COORDINATES
North: East:
Tie:

Claim:
Date started: 7/30/58
Date completed: 7/31/58
Logged by: R.C. Robeck

Summary of log: Favorable; OBSS 155-189; Thick 34; SS color gy, bn; MS under OBSS gy; Cbn. N

DEPTH From	DEPTH To	Rock	Color	Grain	Carbon	REMARKS
0	20					Surface fill
20	104	MS	gy	sdy		Monitor Butte Plug to 155
104	108	SS	gy			
108	130	MS	gy			
130	155	MS	Pp red	sdy		
155	156	SS	Pp	M-F	N	Reshina rump Bx core
156	156.3	SS	gy	F-M	N	
156.3	165	SS	gy, bn	C	N	some pink, 1/4 leached
165	169	CG	gy, bn	C	N	bn spots, "
169	169.2	SS	gy	F	N	
169.2	170	SS	Pp	F-M		strks
170	172.8	SS	gy, bn, Pp	F-C	N	colors interbedded
172.8	176.5	SS	gy, r, bn	C	N	pink, bn spots, 3/4 leached
176.5	176.7	SS	Pp bn	C	N	
176.7	178.1	SS	bn	C	N	strked, bn spots
178.1	186.2	SS	bn-gy	C	N	loose sand, leached
186.2	186.9	SS	gy, bn	F-C	N	cemented
186.9	187.9	CG, SS	bn gy	C	N	loose sand
187.9	188.4	SS	gy	C	N	strks bn
188.4	188.5	MS	gy bn	C		has c. sand grains
188.5	188.9	SS	gy	C	N	cemented with si
188.9	189	CG	gy	C 1/2"	N	cemented qtz pebbles, angular
189	189.1	MS	gy			Moenkopi
189.1	191	MS	red			"

γ-Ray Log

SAMPLE BASE	SAMPLE THICK	LAB ASSAY (%) U_3O_8	LAB ASSAY (%) V_2O_5	FIELD EST. (%) U_3O_8	FIELD EST. (%) V_2O_5
			Barren		

Abbreviations

Wh—white	CG—conglomerate
Br—brown	SS—sandstone
R—red	MS—mudstone
Gy—gray	ST—siltstone
Bl—blue	F—fine
Gn—green	M—medium
Yw—yellow	C—coarse
Bk—black	N—none
Pp—purple	S—sparse
Cbn—carbon	A—abundant
OBSS—ore bearing sandstone	

Hole No. 62

THE BROWN LABORATORY

2263 Broadway

GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

CHapel 2-4589

CERTIFICATE OF ANALYSIS

TO

- Utarco Uranium Corporation
- 535 Orchard Avenue
- Grand Junction, Colorado
-

Date 7-15-58

Order No. 11030-

Material: Ore sample

Received: 7-12-58

For: Analysis

Lab. No.	Your No.	Description	Radiometric %eU3O8	Chemical %U3O8	%V2O5	%CaCO3
11030-1	D-39			0.17		

H.D. Brown

Analyst.

THE BROWN LABORATORY

2263 Broadway

GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

CHapel 2-4589

CERTIFICATE OF ANALYSIS

TO

Utarco Uranium Corporation
535 Crehard Avenue
Grand Junction, Colorado

Date 7-23-58

Order No. 11074-3

Material: Ore Samples

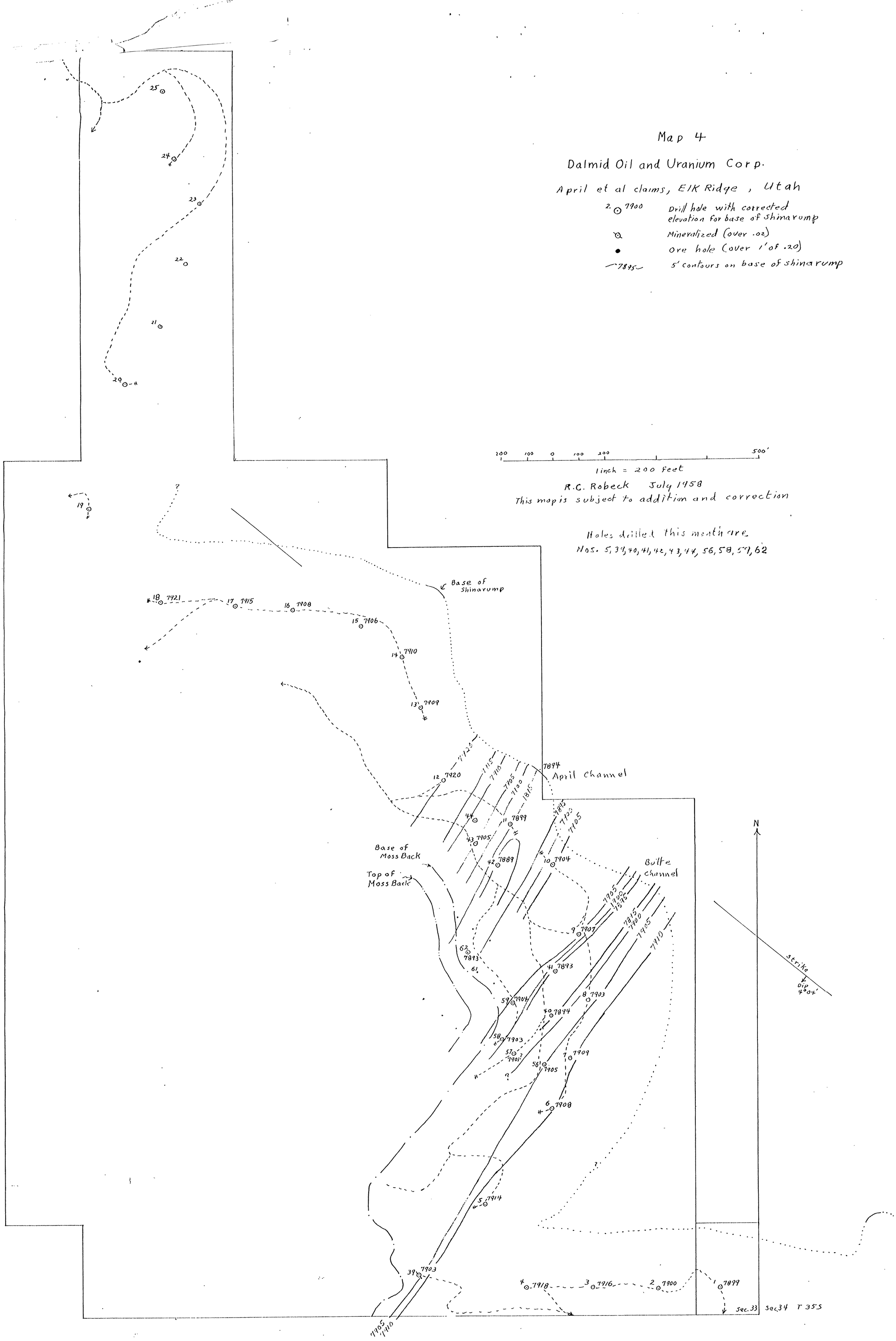
Received: 7-21-58

For: Analysis

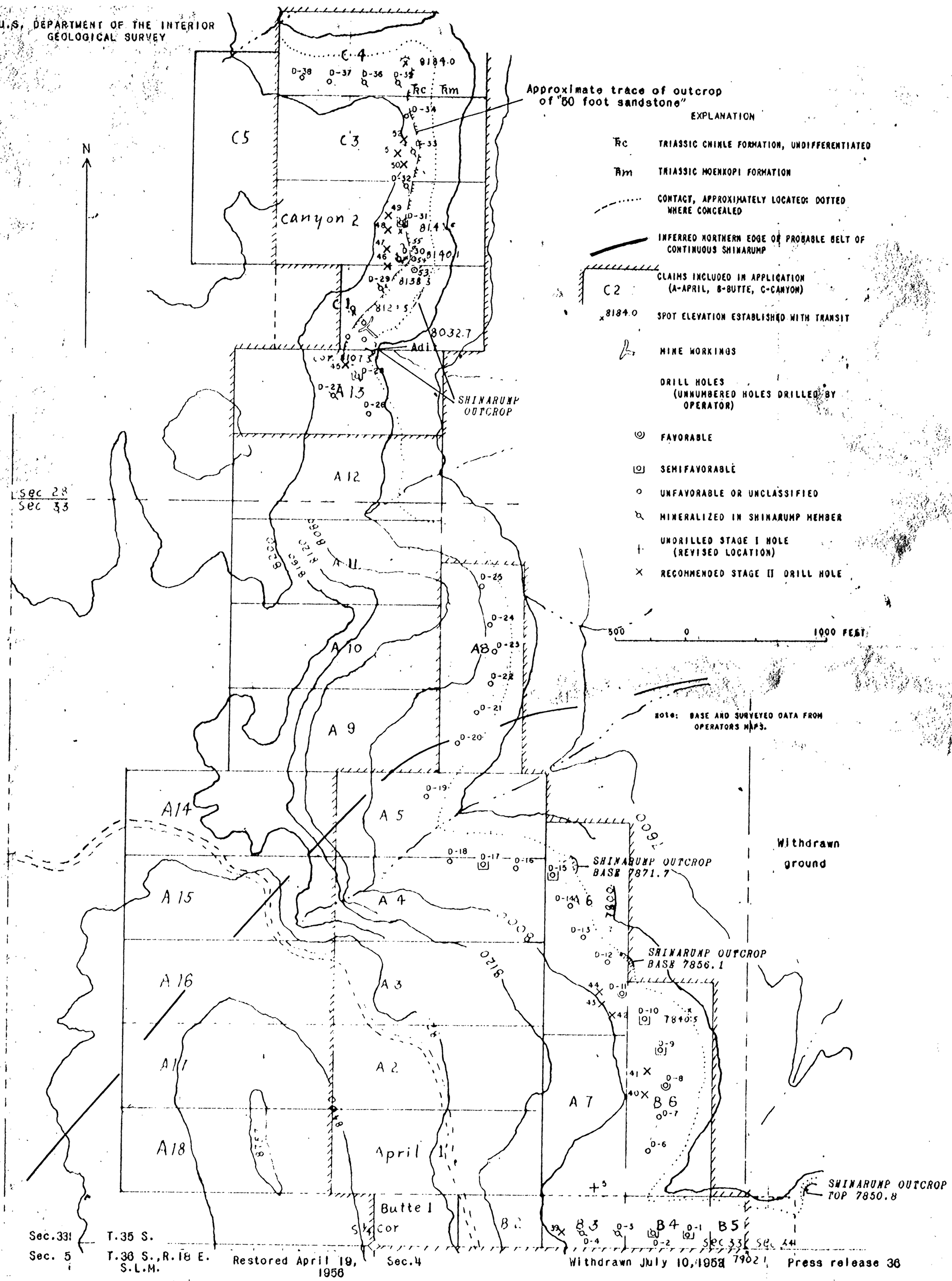
Lab. No.	Your No.	Description	Radiometric %eU_3O_8	Chemical %U_3O_8	%V_2O_5	%$CaCO_3$
11074-1	D-54	53.1-53.4		0.07		
11074-2	D-55	50.6-52.3		0.007		

H.D. Brown

Analyst.

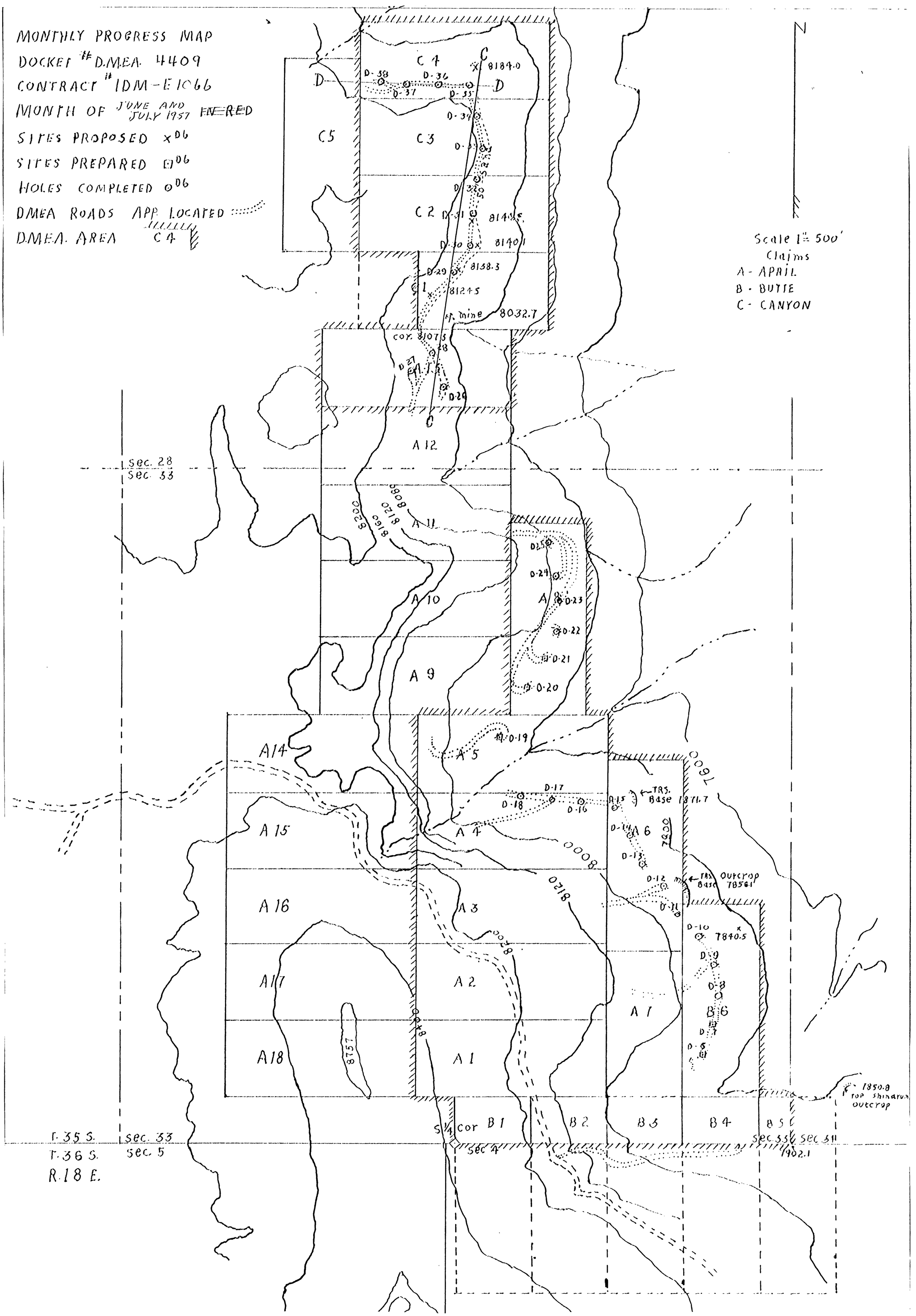

Map 4
Dalmid Oil and Uranium Corp.
April et al claims, Elk Ridge, Utah
Drill hole with corrected elevation for base of shinarump
Mineralized (over .02)
Ore hole (over 1' of .20)
5' contours on base of shinarump
200 100 0 100 200 500'
1 inch = 200 feet
R.C. Robeck July 1958
This map is subject to addition and correction
Holes drilled this month are
Nos. 5, 39, 40, 41, 42, 43, 44, 56, 58, 59, 62
Base of Shinarump
April Channel
Base of Moss Back
Top of Moss Back
Bolte Channel
N
Strike
Dip 4°04'
Sec. 33
Sec. 34 T 35 S

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



MAP OF APRIL, BUTTE AND CANYON CLAIMS SHOWING GENERALIZED GEOLOGY, EXISTING DRILL HOLES AND CLASSIFICATION, AND RECOMMENDED STAGE II DRILL HOLES, DALMID URANIUM CORP., ELK RIDGE AREA, SAN JUAN COUNTY, UTAH.

MONTHLY PROGRESS MAP
DOCKET # D.M.E.A. 4409
CONTRACT # IDM-E1066
MONTH OF JUNE AND JULY 1957 ~~ENDED~~
SITES PROPOSED x 06
SITES PREPARED ⊡ 06
HOLES COMPLETED ⊙ 06
DMEA ROADS APP. LOCATED
D.M.E.A. AREA C4



MONTHLY PROGRESS MAP

DOCKET # D.M.E.A. 4409

CONTRACT # IDM-E 1066

MONTH OF JUNE - JULY + AUGUST ~~FN RED~~

SITES PROPOSED × D6

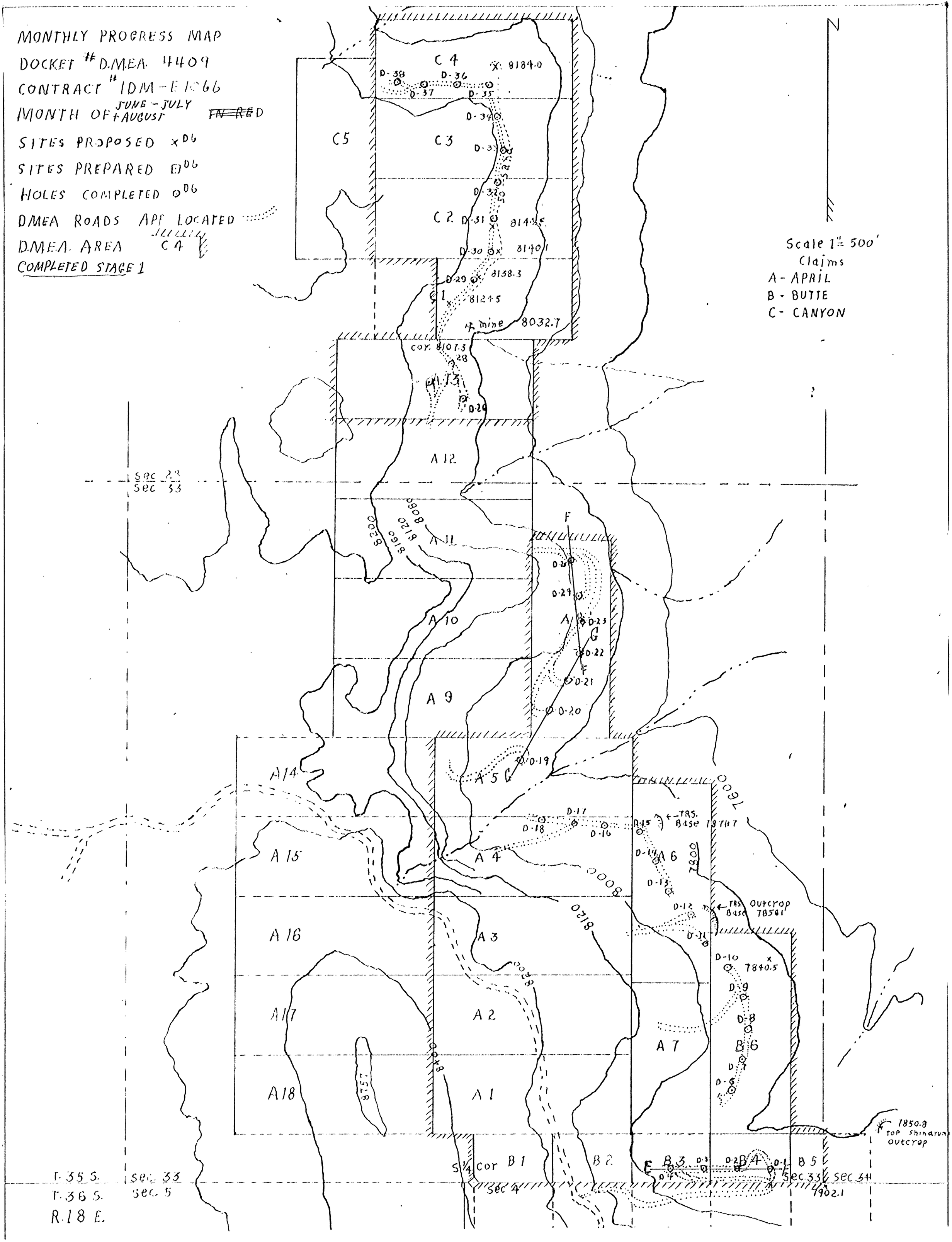
SITES PREPARED ⊡ D6

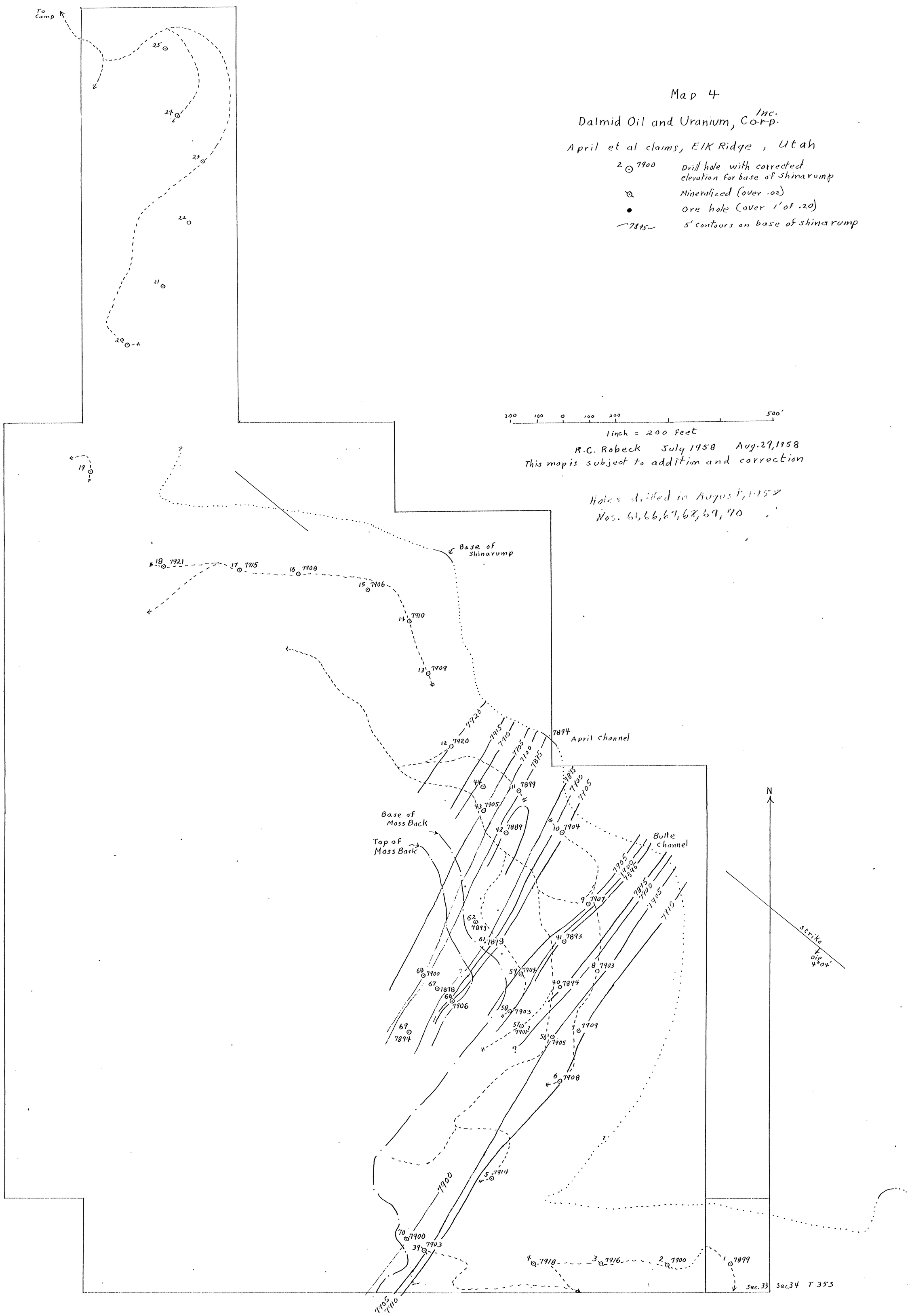
HOLES COMPLETED ⊙ D6

DMEA ROADS APP LOCATED

D.M.E.A. AREA C4

COMPLETED STAGE 1




Map 4
Dalmid Oil and Uranium, Co~~rp~~. Inc.
April et al claims, Elk Ridge, Utah
Drill hole with corrected elevation for base of shinarump
Mineralized (over .02)
Ore hole (over 1' of .20)
5' contours on base of shinarump
200 100 0 100 200 500'
1 inch = 200 feet
R.C. Robeck July 1958 Aug. 29, 1958
This map is subject to addition and correction
Holes drilled in August, 1958
Nos. 61, 66, 67, 68, 69, 70
To Camp
Base of Shinarump
April channel
Base of Moss Back
Top of Moss Back
Butte channel
N
strike
dip 4°04'
Sec. 33
Sec. 34 T 35 S

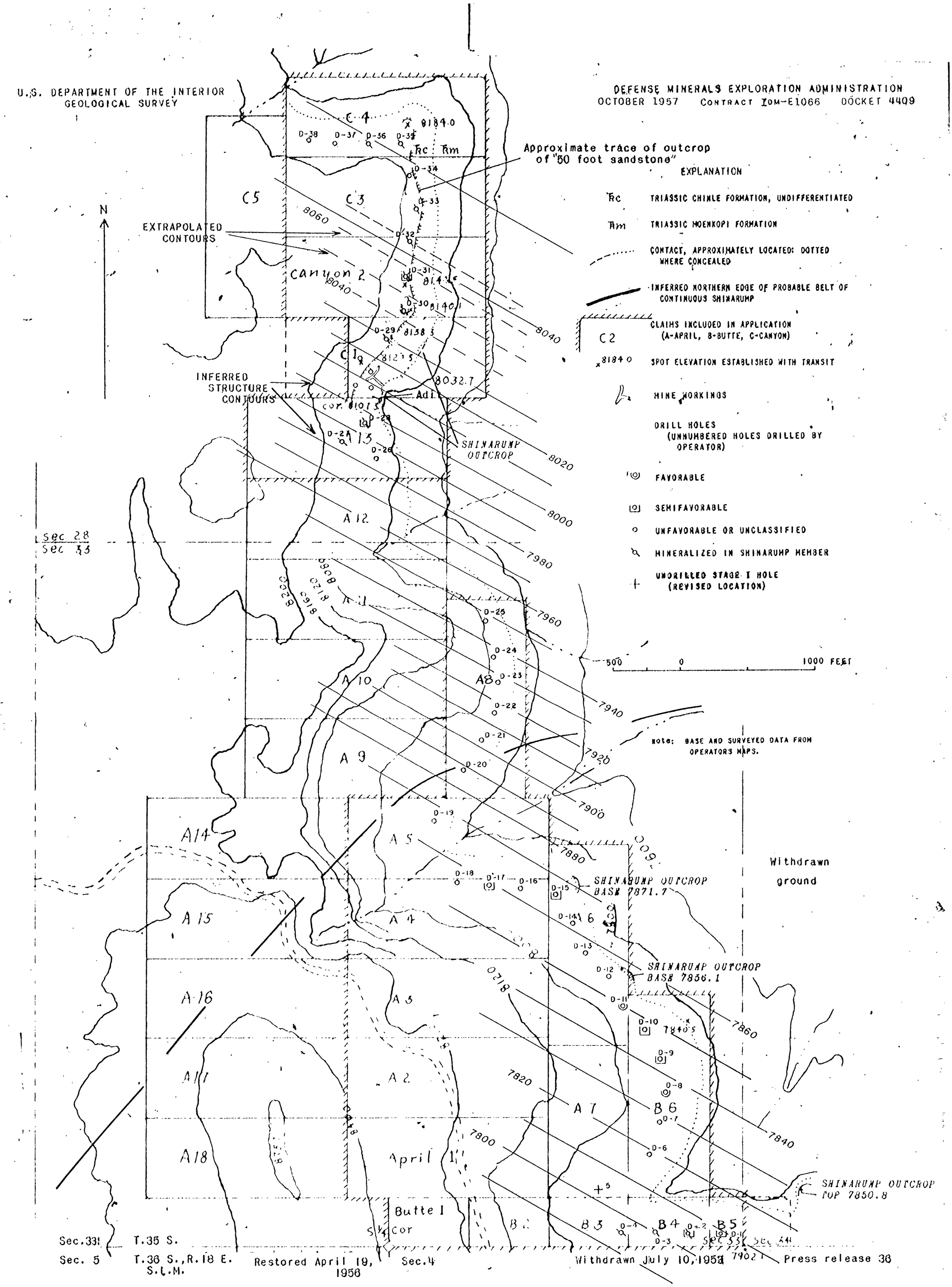
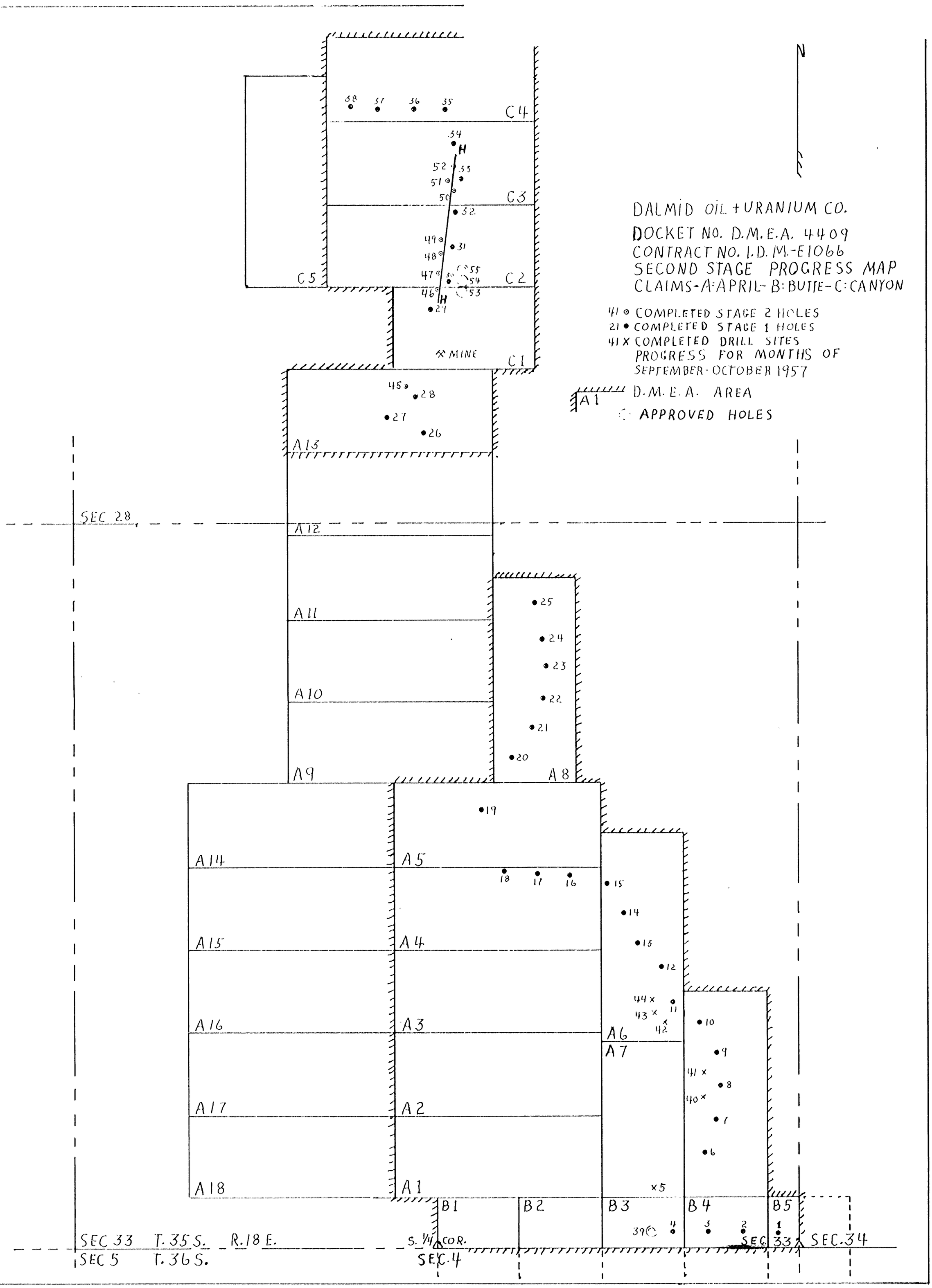


FIGURE 1.--MAP OF APRIL, BUTTE AND CANYON CLAIMS SHOWING GENERALIZED GEOLOGY, EXISTING DRILL HOLES AND INFERRED STRUCTURE CONTOURS ON BASE OF SHINARUMP, DALMID URANIUM INC., SAN JUAN COUNTY, UTAH.

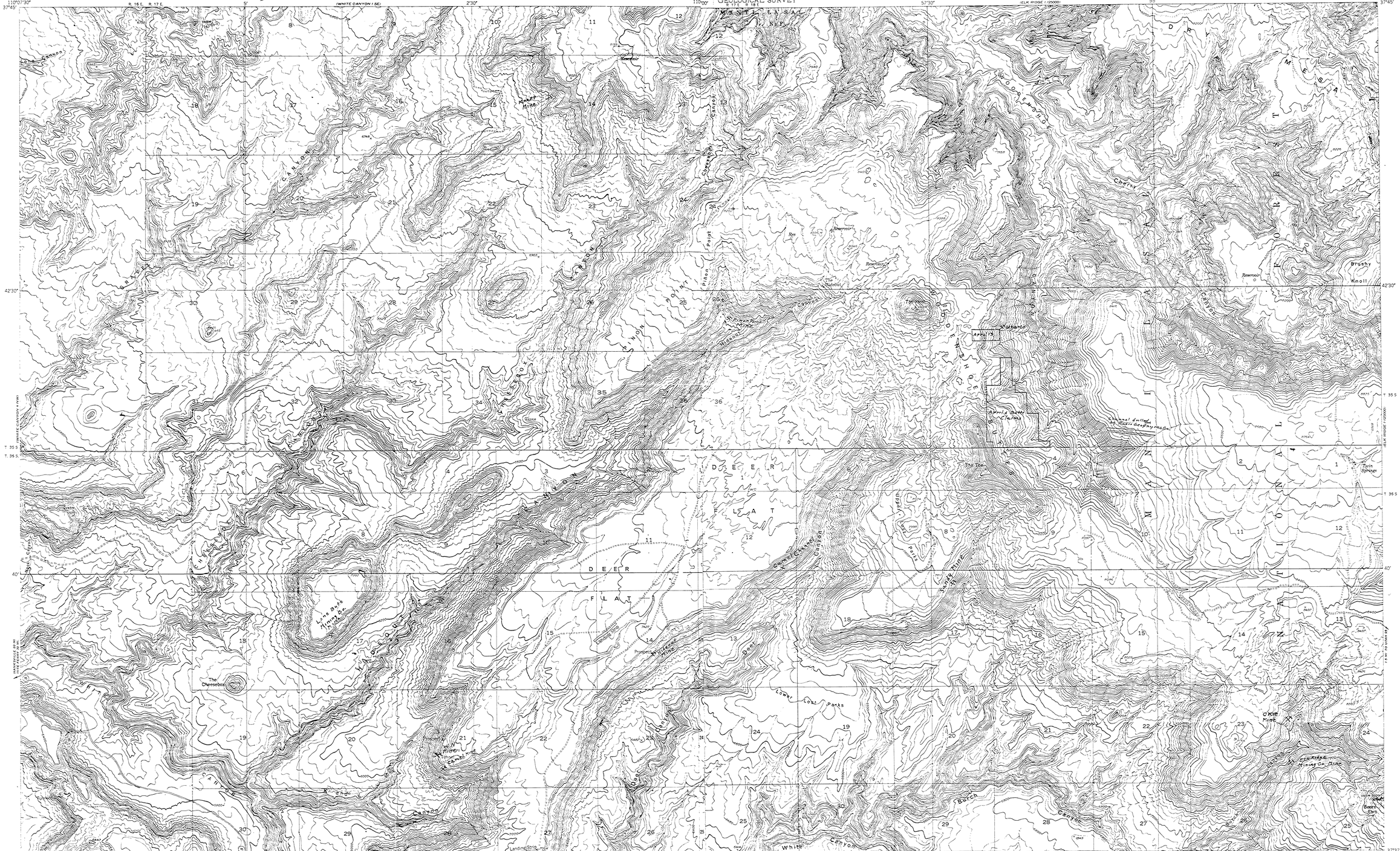

DALMID OIL + URANIUM CO.
DOCKET NO. D.M.E.A. 4409
CONTRACT NO. I.D.M.-E1066
SECOND STAGE PROGRESS MAP
CLAIMS-A:APRIL- B:BUTTE-C:CANYON
41 ⊙ COMPLETED STAGE 2 HOLES
21 • COMPLETED STAGE 1 HOLES
41 X COMPLETED DRILL SITES
PROGRESS FOR MONTHS OF
SEPTEMBER-OCTOBER 1957
D.M.E.A. AREA
APPROVED HOLES
MINE
SEC 28
SEC 33 T. 35 S. R. 18 E.
SEC 5 T. 36 S.
S. 1/4 COR.
SEC. 4
SEC. 33
SEC. 34

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WHITE CANYON 4 NE QUADRANGLE
UTAH-SAN JUAN CO.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ELK RIDGE 3 NW QUADRANGLE
UTAH-SAN JUAN CO.



Mapped by the Geological Survey 1952

Topography by multiplex methods from aerial photographs taken 1951

Data subject to minor corrections when incorporated in a standard series map

TRUE NORTH
MAGNETIC NORTH
15°
APPROXIMATE MEAN DECLINATION, 1952

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Improved ——— Unimproved - - - -

WHITE CANYON 4 NE, UTAH
N3737 5—W11000/7 5

U 324 NE

Mapped by the Geological Survey 1952

Topography by multiplex methods from aerial photographs taken 1951

Data subject to minor corrections when incorporated in a standard series map

TRUE NORTH
MAGNETIC NORTH
15°
APPROXIMATE MEAN DECLINATION, 1952

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

PLATE - 2

Dalmid Uranium Corp.

ROAD CLASSIFICATION

Improved ——— Unimproved - - - -

ELK RIDGE 3 NW, UTAH
N3737 5—W10952 5/7 5

U 325 NW

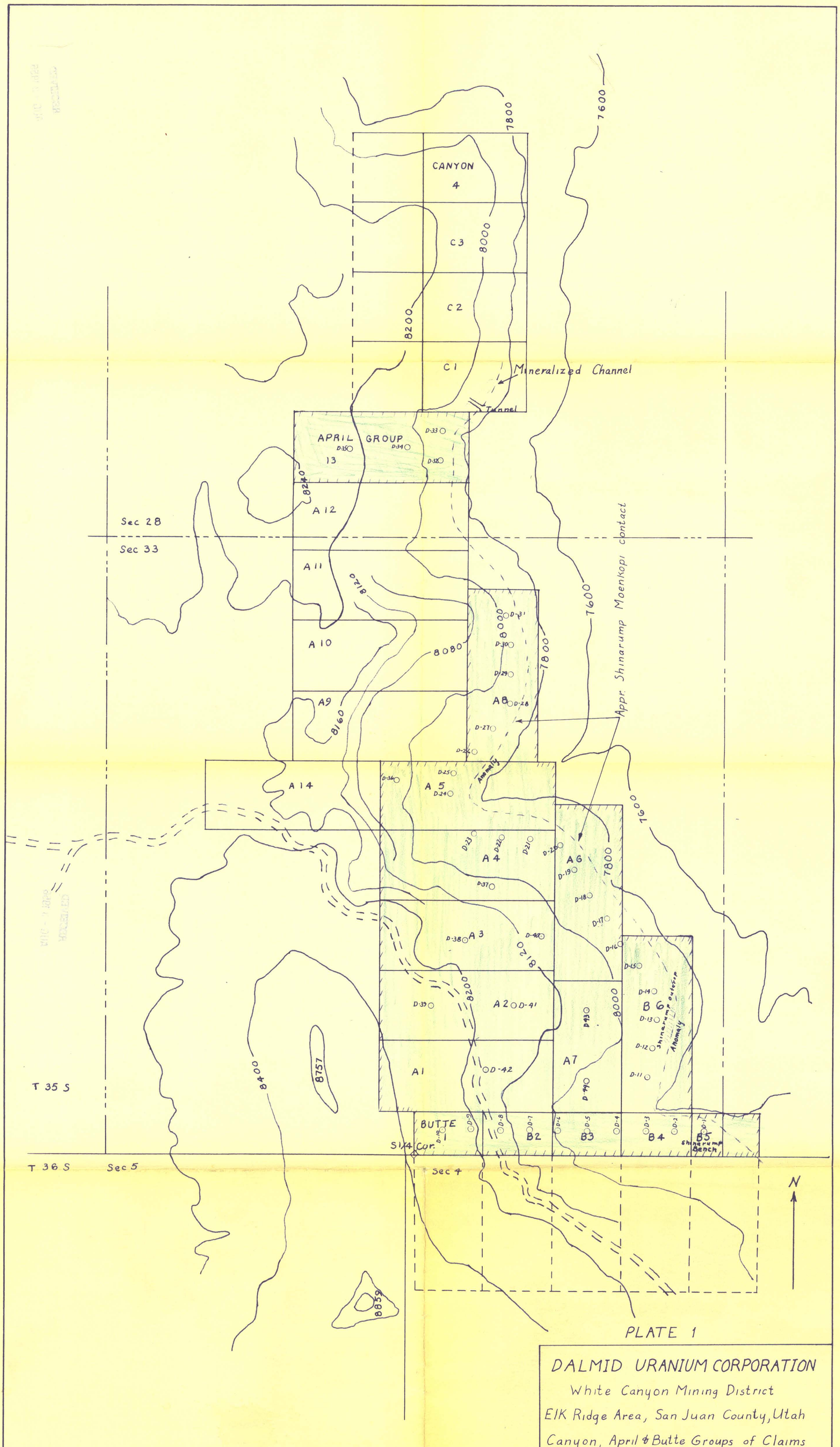


PLATE 1

Area Included in Application

Proposed Hole Location - D-1 ○

DALMID URANIUM CORPORATION

White Canyon Mining District

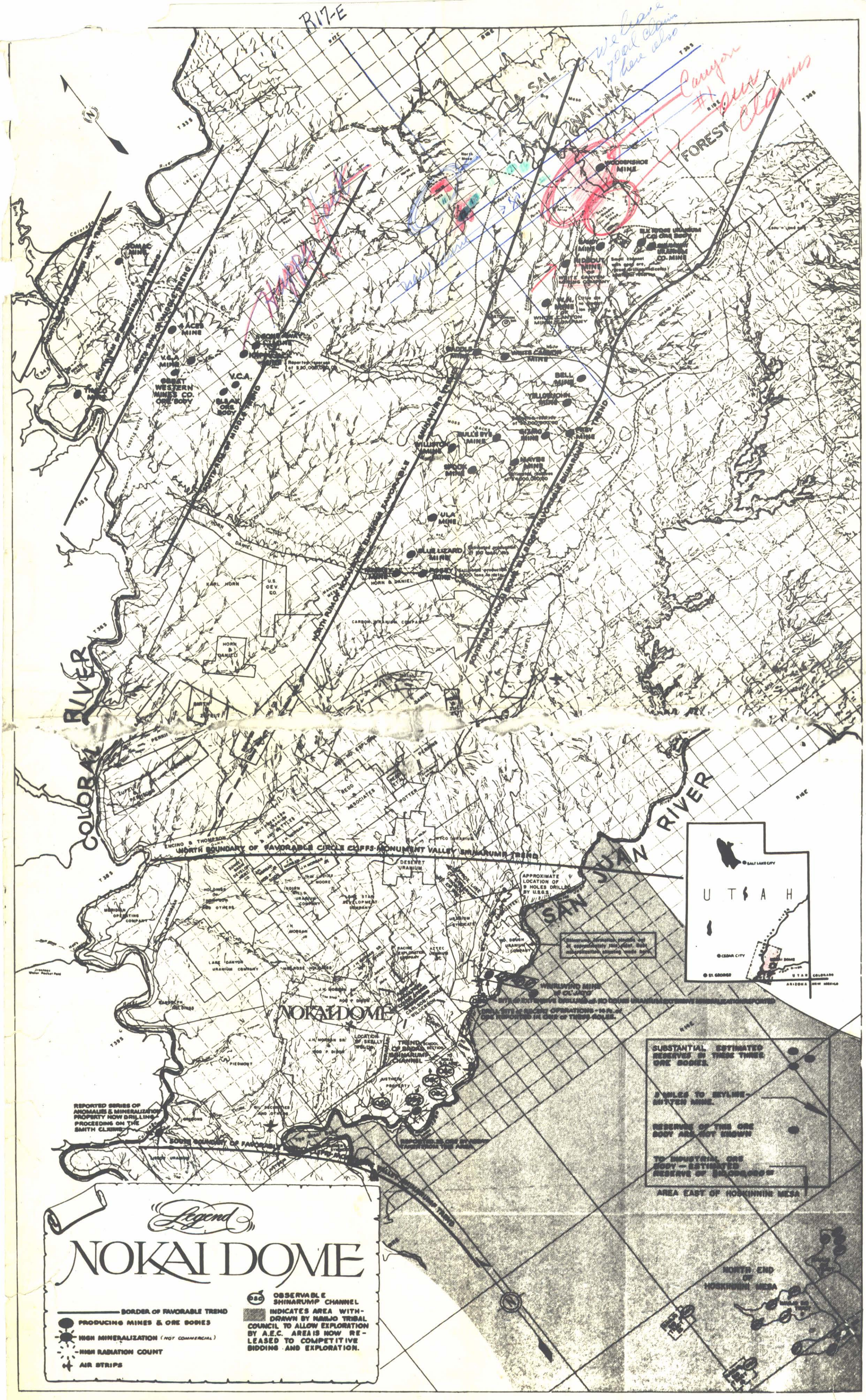
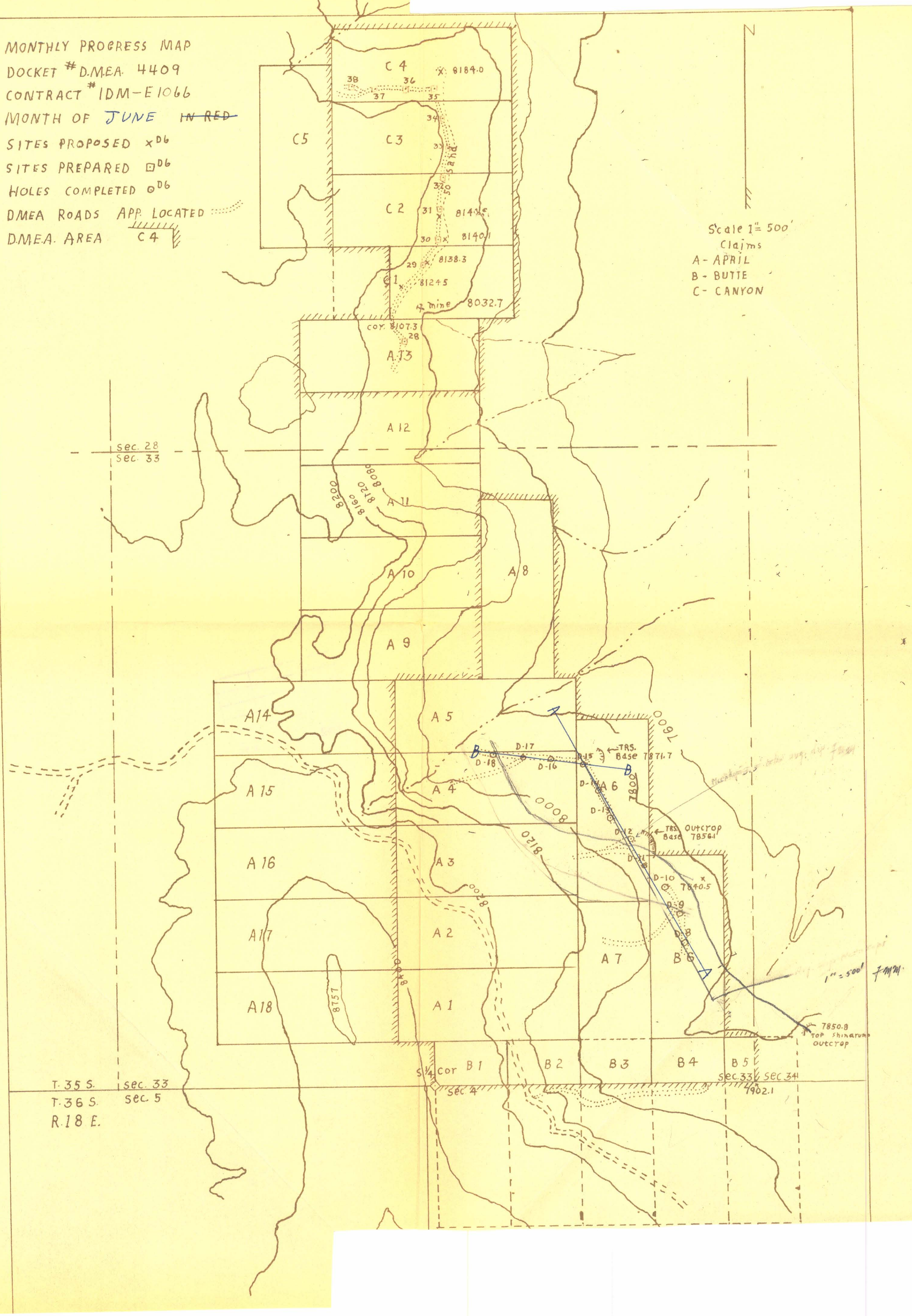
Elk Ridge Area, San Juan County, Utah

Canyon, April & Butte Groups of Claims

Scale 1" = 500' April, 1956

Survey By E.V. Drawn By V.T.D.

R17-E


LA SAL NATIONAL FOREST
WOODENSHOE MINE
ELK RIDGE URANIUM CO. ORE BODY
ELK RIDGE URANIUM CO. MINE
EAGLY MINE
HIDEOUT MINE OF WHITE CANYON MINING COMPANY
WHITE CANYON MINING COMPANY
WHITE CANYON MINE
BELL MINE
YELLOWCOIN MINE
BULL'S EYE MINE
LIZARD MINE
FEBY MINE
WILLIAMS MINE
SPOOK MINE
MAYBE MINE
ULA MINE
BLUE LIZARD MINE
ROSEY MINE
SADDLE MINE
ACES MINE
V.C.A. MINE
GREAT WESTERN MINES CO. ORE BODY
V.C.A.
BLACK ORE BODY
TOMAC MINE
SOUTH RIM OF MIDDLE RIVER TREND
NORTH RIM OF NOKAI DOME FAVORABLE
SOUTH RIM OF NOKAI DOME SHINARUMP TREND
SHINARUMP TREND
HORN & DANIEL
KARL HORN
U.S. DEV. CO.
CARBON URANIUM COMPANY
COLORADO RIVER
SAN JUAN RIVER
ENCINO & THOMPSON
NORTH BOUNDARY OF FAVORABLE CIRCLE CLIFFS-MONUMENT VALLEY SHINARUMP TREND
DESERET URANIUM
APPROXIMATE LOCATION OF 9 HOLES DRILLED BY U.S.G.S.
MERIDIAN OPERATING COMPANY
LAKE CANYON URANIUM COMPANY
AZTEC URANIUM CO.
NO DOUGH URANIUM COMPANY
WHIRLWIND MINE
NOKAI DOME
LOCATION OF SKELLY WELLS
TREND OF SHINARUMP CHANNEL
SCHOOL SECTION
JUSTICE PROPERTY
PIEDMONT
REPORTED SERIES OF ANOMALIES & MINERALIZATION PROPERTY NOW DRILLING PROCEEDING ON THE SMITH CLAIMS
SOUTH BOUNDARY OF FAVORABLE
SUBSTANTIAL ESTIMATED RESERVES IN THESE THREE ORE BODIES.
8 MILES TO SKYLINE-MITTEN MINE.
RESERVES OF THIS ORE BODY ARE NOT KNOWN
TO INDUSTRIAL ORE BODY — ESTIMATED RESERVE OF
AREA EAST OF HOSKINNINI MESA
NORTH END OF HOSKINNINI MESA
UTAH
SALT LAKE CITY
CEDAR CITY
ST. GEORGE
UTAH
COLORADO
ARIZONA
NEW MEXICO
Legend
NOKAI DOME
BORDER OF FAVORABLE TREND
PRODUCING MINES & ORE BODIES
HIGH MINERALIZATION (NOT COMMERCIAL)
HIGH RADIATION COUNT
AIR STRIPS
OBSERVABLE SHINARUMP CHANNEL
INDICATES AREA WITHDRAWN BY NAVAJO TRIBAL COUNCIL TO ALLOW EXPLORATION BY A.E.C. AREA IS NOW RELEASED TO COMPETITIVE BIDDING AND EXPLORATION.

MONTHLY PROGRESS MAP
DOCKET # D.M.E.A. 4409
CONTRACT # IDM-E1066
MONTH OF JUNE ~~IN RED~~
SITES PROPOSED x D6
SITES PREPARED ⊡ D6
HOLES COMPLETED ⊙ D6
DMEA ROADS APP. LOCATED
D.M.E.A. AREA C4