UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
Bldg. 20 - Denver Federal Center
Denver, Colo. 80225

January 19, 1965

Memorandum

To: George C. Selfridge, Chief
Division of Exploration Operations
Washington, D. C. 20240

From: Acting Field Officer, OME, Region III

Subject: DMEA-3767 (Uranium)
Uranium Prospectors Company, Ltd.
Jack Rabbit Claims
Emery County, Utah
Contract Idm-E877
and
DMEA-3928 (Uranium)
Pacific Uranium Mines Company
Green River Claims
Emery County, Utah
Contract Idm-E926
and
DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

OFFICIAL COPY O. M. E. RECEIVED JAN 22 1965	
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This responds to your memorandum dated December 24, 1964 on the subject contracts.

I have reviewed the information furnished by Mr. Roy O. Davis [illegible] in the copy of the letter which is attached. I have also visited the AEC and E. E. Lewis, in Grand Junction.

I have every assurance that we will receive all royalties due the Government except in the case of Contract Idm-E792. Please refer to my memorandum of January 18, 1965 regarding Idm-E792.

You may be interested in the background of E. E. Lewis, Inc. This outfit consists of a group of young (by our standards) mining engineers and geologists who have all had a great deal of experience in uranium mining and exploration. They usually operate as production managers, as they do on E-1092 Vanadium Queen for Climax who is the Operator for the Bankruptcy Court.

The E. E. Lewis agreement with Four Corners is more of a lease and sublease.

As far as I have been able to learn, E. E. Lewis, Inc. is thoroughly reliable and has a good reputation.

Hugh M. Connors

cc: E877
E926
E792
Chron

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION

[illegible] 16, 1965

[illegible]

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Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Exploration Operations

Subject: DMEA-3767 (Uranium)
Uranium Prospectors Company, Ltd.
Jack Rabbit Claims
Emery County, Utah
Contract Idm-E877
and
DMEA-3928 (Uranium)
Pacific Uranium Mines Company
Green River Claims
Emery County, Utah
Contract Idm-E926
and
DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

In response to MME Form 63, Request for Information on Certified Project, regarding the first above listed contract, Mr. Roy O. Davis, Controller, Four Corners Oil & Minerals Co., 613 Farmers Union Building, Denver, Colorado, has furnished a copy of Lease and Mining Claim dated March 25, 1964, relating to Jack Rabbit No. 1 claim leased from C. H. Snow, et al. Also furnished was a copy, undated but apparently executed in April or May 1964, of a Mining Lease, Sublease and Agreement with K. E. Lewis, Inc., P. O. Box 1481, Grand Junction, Colorado, relating to the Jack Rabbit No. 1 and numerous other mining claims.

We are unable to reproduce these documents. It is suggested that you either procure copies from Mr. Davis or borrow his copies long enough to make copies for your file.

Our review indicates that in addition to the Jack Rabbit No. 1 claim on which the Government has a lien for royalty under Contract Idm-E877, the Ajax group, Jeannie No. 1, Red Nos. 1 to 5, and the

Willis group are subordinated under Contract Idm-E926. The Vanura group appear to be the relocated claims formerly described as the Dude, et al., group subordinated under Contract Idm-E792.

Mr. Davis stated that there has not been any production from the land subject to the contract since April 1964. However, it is not clear whether he is referring only to the Jack Rabbit No. 1 claim or whether he means all of the claims.

Please look into this matter at your earliest convenience and advise what the prospects are for receipts of royalty under each of the contracts. You should also ascertain whether any of the other claims listed in Exhibit "A" of the mining lease to E. E. Lewis, Inc., are subject to the Government's lien for royalty.

Enclosure (Form 63 - DMEA-3767)

George C. Selfridge

CEFisher/ama 12-23-64

cc:
Docket
Director's Reading File
CA & A Division - Idm-E792
Review Committee

O. M. E.
RECEIVED JUN 8 1964

DATE	INITIALS	CO
		800

425 Skyewiay Road
Los Angeles, California 90049

June 1, 1964

OME
DEPARTMENT OF THE INTERIOR
JUN 4 1964
REGION III
DENVER, COLORADO

Mr. Hugh M. Connors
Acting Field Officer, OME
Building 20 - Federal Center
Denver 25, Colorado

Re: DMEA - 3620 (Uranium)
Contract Idm-E792

Dear Mr. Connors:

This is to advise you that I have recently consummated a lease with the Atlas Corporation covering the mining claims contained in the above cited DMEA contract. I am enclosing herewith a letter which provides for the 5% due the government in reduction of this lien, if such becomes necessary, to be retained from royalties due me from production of ores from these claims.

Please note also that a very small portion of these claims contained in the overlap of the Little Lil and Jerry Boy Fraction 1 and 2 mining claims has been leased to Vitro Corporation of America. A similar letter as the above assures the government's interests are served.

Very truly yours,

David A. Rowland

David A. Rowland

DAR:pr
Enc.

Copy to ~~W.O.~~ George Selfridge
Dallas Talbert

425 Skyewiay Road
Los Angeles, California 90049

June 1, 1964

OME
DEPARTMENT OF THE INTERIOR

JUN 4 1964
REGION III
DENVER, COLORADO

Atlas Corporation
P. O. Box 597
Salt Lake City, Utah

Re: Mining Lease on Dedee 1 thru 8,
Simon J 1 and 2, Peewee 1 and
2, and Silent City 15 and 16
Unpatented Lode Mining Claims

Gentlemen:

The following letter will serve as a written memorandum of my agreement concerning that certain Mining Lease dated the 14th day of May, 1964, between myself as Lessor and Atlas Corporation as Lessee concerning the above referenced mining claims. It is my understanding and agreement that in the event it should become determined that the lien of the loan obtained heretofore from the Defense Minerals Exploration Administration covers or attaches to any of the lands covered by the aforementioned Lease, then any and all payments required to be made to such administration will come from and be deducted out of the royalty reserved to the Lessor under the terms of said Mining Lease.

Yours very truly,

David A. Rowland

David A. Rowland

DAR:pr

Copy to ~~W. O.~~ George Selfridge
Dallas Talbert

DAVID A. ROWLAND
Box 3927
Stanford, California

OME
DEPARTMENT OF THE INTERIOR
JUN 4 1964
REGION III
DENVER, COLORADO

Vitro Corporation of America
600 West 33rd South Street
Salt Lake City 15, Utah

Re: Mining Lease on portions of Jerry Boy Fraction No. 1 and Jerry Boy Fraction No. 2 unpatented lode mining claims

Gentlemen:

The following letter will serve as a written memorandum of my agreement concerning that certain Mining Lease dated the 30th day of November, 1962, between myself as Lessor and Vitro Corporation of America as Lessee and covering portions of the above referenced mining claims. It is my understanding and agreement that in the event it should become determined that the lien of the loan obtained heretofore from the Defense Minerals Exploration Administration covers or attaches to any of the lands covered by the aforementioned Lease, then any and all payments required to be made to such administration will come from and be deducted out of the royalty reserved to the Lessor under the terms of said Mining Lease.

Yours very truly,

David A. Rowland

David A. Rowland

DAR:smn

Copy to ~~W.O.~~ George Selfridge
Dallas Talbert

XERO COPY XERO COPY XERO COPY XERO COPY

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Washington office pertaining to Contract Idm-E792, Docket DMEA-3620 (uranium), dated April 28, 1955, with

Uranium Prospectors Company, Ltd.
c/o Vitro Chemical Company
600 West 33rd South
Salt Lake City 15, Utah

for the purpose of determining the amount of royalty payable to the U. S. Government on sales of minerals from property referred to as the Dede, et al., Claims or the South Rowland Group located in Emery County, Utah, during the period June 17, 1959, through April 20, 1964.

A certification of discovery or development was issued on November 25, 1955, and, in accordance with Article 8 of the contract, royalty is payable on all minerals produced from the land described in Article 2 of the contract for a period of 10 years from the date of the contract or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first. A Report of Review dated September 7, 1955, indicated accepted costs under the exploration contract amounting to $27,926.85 with the Government's contribution on a 75 percent basis being $20,945.14.

The status of the project, the scope of review, and the reasons therefor are stated on page 2.

This review found the total sales subject to the Government's royalty for the period to be $21,760.07. Royalty payable to the Government at the rate specified in the contract is $1,088.00.

A prior Report of Royalty Review found no sales subject to the Government's royalty through June 16, 1959. Accordingly, as of April 20, 1964, the royalty account of this project was found to be:

Total Royalty Payable	$1,088.00
Total Royalty Paid	1,088.00
Balance of Royalty Due	$ -0-

E. D. Talbert

E. D. Talbert, OME Auditor

April 22, 1964

Idm-E792 Uranium Prospectors Company, Ltd. DMEA-3620

STATUS OF PROJECT, SCOPE OF REVIEW
AND REASONS THEREFOR

This contract provides that the Operator, as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder. The land consists of 13 unpatented claims (Dede Nos. 1 - 8, Pee Wee Nos. 1 - 3, and Simon J. Nos. 1 and 2) in secs. 15 and 22, T. 21 S., R. 14 E., S.L.M., San Rafael Reef Area. At the time the contract was executed the Operator was in possession by virtue of a November 24, 1954, lease granted by David A. Rowland and Andrew G. McDermott. In consideration of the contract the lessors executed a Consent to Lien on April 9, 1955.

The exploration work under the contract was completed on July 19, 1955. There was no production during the exploration period and subsequent inspections of the property and inquiries by regional DMEA and OME representatives disclosed no production thereafter through January 1, 1960.

Sometime after completion of the exploration work the Vitro Uranium Company purchased the stock and obtained control of the Operator, but it was continued as a separate corporate entity until July 31, 1958. At that time it was dissolved by merger with the Vitro Uranium Company, now known as the Vitro Chemical Company, a subsidiary of the Vitro Corporation of America.

The Operator's lease of the property was terminated March 21, 1957, renewed on June 13, 1957, and canceled in early 1959. The owner leased parts of the property to Todd Engineering Company and Radium Hill Uranium, Inc., on April 30, 1959, and February 20, 1960, respectively, but terminated the leases in December 1960.

During 1960 and 1961 the Shattuck Denn Mining Corporation, a lessee of adjoining property, and Radium Hill Uranium, Inc., a sub-lessee, produced from the Jerry Boy No. 1 claim, which partially overlapped the Simon J. No. 1 claim, and shipped to Vitro's Salt Lake plant a total of 3,687 tons of ore valued at $54,429.98. On July 16, 1963, Vitro Chemical Company paid $22.37 as the computed royalty on 178 tons shipped by Radium Hill Uranium, Inc., on October 31, 1960.

After considerable correspondence with the several parties of interest, investigation by the OME regional representative, and discussions between Vitro and OME officials, the Vitro Corporation of

America was advised by letter dated April 8, 1964, that approximately 1,474 tons of ore valued at $21,760.07 represented a reasonable calculation of the production from the overlap area. On April 9, 1964, the Vitro Corporation accepted the calculation and on April 15, 1964, Vitro Chemical Company remitted the balance of $1,065.63 payable as royalty.

Sometime after termination of the Operator's lease, the Dede, et al., claims, which are under this exploration contract, were re-located as Vanura claims by the Four Corners Oil and Minerals Company, 1575 Sherman Street, Denver 3, Colorado. On April 5, 1964, during an audit of that Company's production from Jack Rabbit No. 1 claim (a part of the property under Contract Idm-E877, Docket DMEA-3767, also with Uranium Prospectors Company, Ltd.), a representative of this Division was advised that no ores had been produced from the re-located claims.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(1) Examinations of the property and inquiries indicate that no production, other than that from the overlap area mentioned above, has occurred since the date of the contract;

(2) The files indicate that a reasonable determination of the production from the overlap area has been made and proper royalty thereon paid; and

(3) The administrative cost to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible additional royalty which might be disclosed.

Bldg. 20 - Denver Federal Center
Denver, Colo. 80225

extra

OFFICIAL FILE COPY

April 27, 1964

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DATE	INIT

800

Uranium Prospectors Company, Ltd.
c/o Vitro Chemical Company
600 West 33rd, South
Salt Lake City, Utah

Re: DMRA-3620 (Uranium)
Bude, et al Claims
Emery County, Utah
Contract Idm-E792

Gentlemen:

Attached is your copy of the Report of Royalty Review on the captioned property dated April 22, 1964.

Very truly yours,

ORIGINAL SIGNED BY

Hugh M. Connors
Acting Field Officer, OME

cc: G. C. Selfridge
E. D. Talbert
E792
Chron

Bldg. 20 - Denver Federal Center
Denver, Colo. 80225

April 27, 1964

Fiscal Section
Office of Management Operations
Department of the Interior
Washington, D. C.

Re: DMEA-3620 (Uranium)
Bede, et al Claims
Emery County, Utah
Contract Idm-E792

Gentlemen:

Attached is the original Report of Royalty Review on the captioned property dated April 22, 1964.

Very truly yours,

ORIGINAL SIGNED BY

Hugh M. Connors
Acting Field Officer, OMM

cc: G. C. Selfridge
E. D. Talbert
E792
Chron

APR 28 1964

Memorandum

To: Acting Field Officer, Region III

(Signed) E. D. Talbert

From: Chief, Contract Administration and Audit Division

Subject: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

The original and two copies of a Report of Royalty Review covering the subject contract are enclosed. If you concur in the facts stated therein, please make the following distribution:

(a) Original to the Fiscal Section, Office of Management Operations, Office of the Secretary, U. S. Department of the Interior, Washington, D. C. 20240;
(b) One copy for the Operator; and
(c) One copy for your files.

As evidence of your concurrence, a copy of your letter transmitting the Operator's copy of the report should be furnished to this Division. If for any reason you do not concur, the original and both copies of the report should be returned to this Division with your comments.

Enclosures

EDTalbert/ama 4-22-64

cc:
Docket
Director's Reading File
CA & A Division
Fiscal Section

APR 20 1964

Memorandum

To: Chief, Fiscal Section
Office of Management Operations
Office of the Secretary

(Signed) E. D. Talbert

From: Chief, Contract Administration and Audit Division

Subject: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Enclosed for deposit to the subject DMEA account under symbol 14X4401 as a royalty receipt is check no. 2227, dated April 15, 1964, drawn by Vitro Chemical Company in the amount of $1,065.63 on the Walker Bank & Trust Co., Salt Lake City, Utah.

This check is in payment of royalty on ore shipped by the Shattuck Denn Company from certain claims which overlap those under the subject contract.

Enclosure

EDTalbert/ama 4-20-64

cc:
Docket
Director's Reading File
CA & A Division
Reg. III w/c of inc. ltr.

800

CHEMICAL COMPANY

DIVISION OF VITRO CORPORATION OF AMERICA

600 WEST 33RD SOUTH STREET · SALT LAKE CITY 16, UTAH · INGERSOLL 7-8414

JAMES D. MOORE
MANAGER, WESTERN OPERATIONS

Mr.
Acting
U. S.
Offi
Washing

Dear

Mr. our
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conclu

JDM:
Encl.

cc: Mr.
Mr.
Mr.
Mr.

CORPORATION of AMERICA
SUITE 248
777 14TH STREET, N. W. · WASHINGTON 5, D.C.

April 9, 1964

Mr. George Fumich, Jr.
Acting Director
Office of Minerals Exploration
U. S. Department of the Interior
Washington 25, D. C.

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al , Claims
Emery County, Utah
Contract Idm E792

Dear Mr. Fumich:

Thank you for your letter of April 8, 1964, confirming my discussion of yesterday with representatives of the Office of Minerals Exploration.

I am immediately forwarding your letter to Vitro Chemical Company at Salt Lake City, Utah, for payment of $1,065.63 representing royalties due according to the Office of Minerals Exploration calculations.

Sincerely yours,

Edward G. Littel
Assistant to the President

EGL:pw

800

APR 8 1964

Mr. Edward C. Littel
Assistant to the President
Vitro Corporation of America
Suite 245, 777 14th Street, N. W.
Washington 5, D. C.

Re: SMA-3020 (Uranium)
Uranium Prospectors Company, Ltd.
Dole, et al., Claims
Emery County, Utah
Contract I4s-8792

Dear Mr. Littel:

In confirmation of our discussion with you this morning, the Office of Minerals Exploration, using the map attached to Mr. S. D. Huntsman's memorandum of February 10, 1964, calculated the ore thickness of several of the mined sections shown on the map. These ranged from 1.9 to 3.3 feet and were judged to be of the right order of magnitude in keeping with available drill hole data along the particular trend and also to the north of the workings and to the southwest of the Newell shaft on the Jerry Boy 1 claim. Based on available information, it does not appear likely that the total tonnage reported by Shattuck Denn could have come from the Jerry Boy 1 claim. As the 1,020 tons reported by Mr. Huntsman's memorandum seem reasonable, we shall accept that tonnage in part.

Data in our files indicate stoping in the vicinity of Holes X 54, X 77, and X 76 to the north and in the vicinity of Holes XX 2, X 23, and X 29 to the southwest of the shaft, the latter area being outside of the area in the subject contract. Mr. Huntsman's map previously referred to shows neither of these stoped areas.

Based upon information in our files, OME has calculated that a tonnage ranging from 446 tons to 461 tons was mined from the north area, or approximately 463 tons. In previous correspondence mention was made of a difference of 454 tons between the records of Shattuck Denn and Vitro. It is our thought that the difference in tonnage is attributable to the mining in the vicinity of Holes X 54, X 77, and X 76 and should be added to the 1,020 tons as shown on Huntsman's map. Thus, 1,474 tons would be subject to royalty.

In our memorandum of October 21, 1963, to Vitro Chemical Company we presented a royalty computation based upon actual figures of 3,087 tons of ore worth $54,429.58, or $14.7626 a ton. Thus, but on the 1,474 tons would be $21,760.07 which at 5 percent royalty would be $1,088.00. As $22.97 has been paid, $1,065.03 would be due according to our calculations. If this amount meets the company's approval, we shall appreciate receiving its check for the same.

Sincerely yours,

George Fumich, Jr.

Acting Director

In triplicate

GCSelfridge/gla (4-8-64)
cc to: Director's Reading File
Docket
Region III
CA&A Division
Code 500
Mr. Selfridge

Excerpt of letter dated April 3, 1964, from Mr. Fisher

Connors and I met with Roy Davis, now controller of 4 Corners, in his office this afternoon. * * *

Nothing is being done on the Vanura Claims, i.e., those relocated by 4 Corners. They do not care to have a legal battle with Mr. Rowland who has promised them one if they trespass on the land. They tried to make him an offer which he turned down as being insulting. Of course, I have not heard Rowland's side of the story, and really it is none of my business. I do feel, however, that there is not apt to be any production until Rowland and 4 Corners can get together.

EXTRA COPY
O. M. E
RECEIVED MAR 24 64
DATE

March 23, 1964

Mr. Frank E. Johnson
Deputy Director
Office of Minerals Exploration
Department of the Interior
Washington 25, D. C.

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al, Claims
Emery County, Utah
Contract Idm-E792

Dear Mr. Johnson:

Reference is made to our conference of February 20, 1964 relative to fixing the amount of royalties payable to the Government.

You will recall that Mr. Moore, Vitro Manager of Western Operations, stated at the conclusion of the conference that he would review the matter further with his staff and attempt to account for the balance of the ore which was mined and shipped.

Our cognizant Salt Lake City Mill geologist prepared a memorandum to Mr. Moore on March 17, 1964 and Mr. Moore has transmitted it to me with his comments on March 20, 1964. Since both memoranda are self-explanatory I am forwarding three copies of each for your consideration.

There never has been any question about royalties being due the Government in this instance; the only question has been the amount. By reason of the history of this matter, however, we are unable to find any means of accurately fixing the proper amount of royalties payable, and Mr. Moore, in the enclosed memorandum of March 20, 1964, stated the amount which he considers to be reasonable in the circumstances.

After you have an opportunity to review the enclosed memoranda, I would appreciate the opportunity to discuss the matter further for the purpose of arriving at a final settlement.

Sincerely yours,

Edward G. Littel
Assistant to the President

EGL:pw

Enclosures

CHEMICAL COMPANY

Memorandum

March 20, 19[illegible]

To: E. O. [illegible]

Washington Office

From: James D. Moore

VCC - Salt Lake Plant

Subject:

Enclosed is another memo by Scott Huntsman, our Geologist, regarding the situation on DMEA Loan Docket No. 3620.

We were unable to confirm that the recorded tonnage of 3055 tons was mined from the Jerry Boy 1 claim. An examination of the maps and the record would show it to be impossible for 2000 to have been mined from the undisputed area, or 3055 tons from the whole claim. It is obvious that Shattuck Denn records were not sufficiently clear to properly identify the source of the ore mined. Since ore from both Little Lil and Jerry Boy was hoisted through the same shaft and stockpiled in the same area, it no doubt became commingled. Furthermore, it must be emphasized and recognized that there was no good reason for Shattuck Denn to make certain of the origin of the ore since they thought that they had clear title to the land.

It must also be recognized that most of the area worked on the claim was of a development nature, and it is improper to think that all worked-out areas produced ore. We now feel that our record of 3055 tons, which is based on bills of lading issued by Shattuck Denn, and their record of 3687 are both in error on the high side. In fact, we cannot justify more than 1650 tons as being mined from the whole claim.

I shall appreciate your discussing this matter further with Messrs. Johnson, Funich and their associates to determine if there isn't an area of agreement on the basis just outlined. I feel it would be reasonable to settle the matter based on royalty payment of $716.45 on 1020 tons.

Let me know your thinking on this problem.

James D. Moore

JDM:dw
Encl.
cc w/encl: Mr. W. B. Hall
Mr. W. H. Denne, Jr.

RECEIVED
MAR 23 1964
EOL

March 17, 1964

Mr. James D. Moore — Manager, Western Operations

S. D. Huntsman — Ore Buyer

Pursuant to your request, I have re-examined the DMEA Loan Docket No. 3620 pertaining to the amount of royalty payable to the United States Government on production from the Dede, Simon J., and PeeWee claim group in the San Rafael Reef area, State of Utah.

According to your latest meeting in Washington, D. C., with the DMEA people, they suggested we substantiate where the total production reported as shipped from the Jerry Boy 1 Claim was actually mined. Vitro Chemical Company records clearly show that 3055 tons were produced from the Jerry Boy 1 claim; yet Shattuck Denn records show that 3687 tons were produced. This is a definite example of our experience with Shattuck Denn in keeping exacting records as to production and shipments from any one area of the mine.

It is my belief that the shipping records clearly exaggerate the production from the Jerry Boy 1 claim. This operation was one of development work mainly in the form of dead drifting. Various drill holes were intersected, with the results disappointing.

Attached to my February 10, 1964 memo was a mine map of the disputed area. This map was constructed from field notes and memory, and showed in my best engineering judgment the tons and grade of ore that was removed. I firmly stand back of this estimate, and any attempt to estimate the tonnage by means of prorating tonnage and grade based on the area obtained from a plan map is unfounded. Ore and waste from the Jerry Boy claim were hoisted through a common shaft with Little Lil ore. Both ores were also kept in a common stockpile area. It is obvious that considerable confusion occurred in shipping the ore and designating the area from which the shipment was mined.

The responsibility of keeping the shipments straight and making out the railroad bills of lading was left to the discretion of the truck driver. The bills of lading designated the claim the ore was shipped from, and to my knowledge was the only shipment record. The driver had no particular interest in keeping the shipments straight, as his was a contract job. In reviewing what could have happened, the driver when hauling Jerry Boy ore would tell the railroad freight agent to make the bills of lading out for Jerry Boy. When he would go back to hauling Little Lik ore, there is a good possibility that

C O P Y

there existed a lag in time before he would re-notify the railroad agent to mark down the Little Lil claim. This is the only logical explanation in accounting for 3,000+ tons being removed from the Jerry Boy claim, as it is impossible to account for this quantity being removed from only those stoped areas shown on the current mine map.

As reported in my earlier memorandu, any and all mining completed on the Jerry Boy-Simon J. 1 conflict area was under the supervision and control of Shattuck Denn Mining Corporation. At the time Shattuck Denn was active in the development and production of the area in question, they believed that the entire Jerry Boy 1 claim belonged to them. Therefore, no DMEA royalties were paid by Shattuck Denn nor were any production records kept as to the exact amount of ore produced from any particular areas on the claim. The only records we have to work with are the Shattuck Denn records that show a total of 3687 tons of ore with a value of $54,429.98 were shipped from the Jerry Boy 1 claim. It is doubtful that 3687 tons were actually shipped from the Jerry Boy 1 claim. I have no constructive records to back this up other than my personal experiences in the field at the time the ore was being shipped. It was definitely my experience that the Shattuck Denn Company was very lax in keeping exacting records as to production and shipments from any one area. This is not a criticism of the company as they felt that they had good title to the entire area being mined.

It appears that the Government is entitled to royalty on a maximum of 1020 tons as calculated and reported in my memo of February 10, 1964.

Original signed by
S. D. Huntsman
S. D. Huntsman

SDH:dw

COPY

March 18, 1964

FOUR CORNERS OIL & MINERALS
BOX 516
GREEN RIVER, UTAH

Ame

E792

OME
DEPARTMENT OF THE INTERIOR
MAR 20 1964
REGION III
DENVER, COLORADO

Mr. Hugh M. Connors
U.S. Department of the Interior
Office of Minerals Exploration
Bldg. 20, Denver Federal Center

Dear Mr. Connors:

In regards to your letter dated March 9, 1964 concerning the stoped area southwest of the Newell Shaft. It is true that we have in our possession a map of the Newell Shaft and it's workings. However, I do not know that the map detail is up to date, also the map shows only whether the drill holes are ore, mineralized & barren. It does not give the values. I do not know where this information could be located, unless perhaps it would be Vitro Chemical Co. of Salt Lake City, Utah.

Very Truly Yours,

Clifford D. Lenard

Clifford D. Lenard

Copy to Mr George C. Selfridge
Copy to Mr E.D. Talbert

EXTRA COPY
O. M. E
RECEIVED MAR 23 1964

DATE	INITIALS	CODE
		800

Bldg. 20, Denver Federal Center

March 9, 1964

Mr. Clifford D. Lenard
Four Corners Oil & Minerals
Box 516
Green River, Utah

Re: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors, Ltd.
Dede et all claims
Emery County, Utah

Dear Mr. Lenard:

Thank you for your letter of March 6, 1964.

Our letter was in error in not mentioning that holes, XX2, X28, and X29 intersect the stoped area just southwest of the Newell shaft. In Mr. Hovis' letter to me dated September 9, 1963 he stated, "Our map does show that a small stope was mined to the Southwest of the shaft, in the area of holes XX2, X28, and X29."

Would you please furnish us the thickness and grade of ore originally indicated by these holes?

Your assistance in this matter is appreciated.

Yours very truly,

ORIGINAL SIGNED BY
Hugh M. Connors
Acting Field Officer, OMX
Region III

HMC:nm

cc: Royalty Corres. E 792
Chron
Mr. Selfridge
Mr. Talbert

AEC Records show no production from Dede 8.
HMC 3-9-64

FOUR CORNERS OIL & MINERA
BOX 516
GREEN RIVER , UTAH

March 6, 1964

Mr. Hugh M. Connors
United States Department of the Interior
Denver, Colorado

OME
DEPARTMENT OF THE INTERIOR
MAR 9 1964
REGION III
DENVER, COLORADO

E792

Dear Mr. Connors:

In your letter dated February 24, 1964, you asked for information on holes X-29, X-28, and XX-2, susposedly in the area of a shaft. Assuming you were referring to the Uranium Prospectors shaft, we wish to inform you that said holes are not in the area of said shaft. Also, we cannot find any record of a XX-2 hole. Please check your records and see if the above mentioned holes might not be SD-18, SD-19, and SD-22. Please inform us as to what shaft you were referring to and which holes and we will try to furnish you with any information we possibly can.

Also, it is our regret to inform you that Mr. Hovis is no longer employed by us. However, we wish to be of any assistance possible to you.

Sincerely yours,
Clifford D. Lenard
Clifford D. Lenard
Engineer

Mr Seffridge
Mr Talbert

Extra

800

Building 20 - Federal Center
Denver, Colorado 80225

February 24, 1964

Mr. Allan E. Jones, Manager
U.S. Atomic Energy Commission
Grand Junction Office
Grand Junction, Colorado

Re: DMEA-3620 (Uranium)
Contract Idm. E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

Dear Mr. Jones:

The photostat of mine workings enclosed with your letter to me dated September 30, 1963, shows a stoped area just southwest of the Newell shaft which encompasses three holes, XX7, X28, and X29.

Would you please furnish us the thickness and grade of ore originally indicated by the said holes? If you do not have the information, would you advise us where it may be obtained.

Your cooperation with this office is appreciated very much.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer
Region III

TMR:mm

cc: Chief, Division of Field Operations, GMS
Royalty Corres. Idm. E792
Chron

Extra

800

Building 20 - Federal Center
Denver, Colorado 80225

February 24, 1964

Mr. Frank Hovis
c/o Four Corners Oil and Minerals Company
Green River, Utah

Re: EMRA-3620 (Uranium)
Contract Idn. E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

Dear Mr. Hovis:

In your letter to me dated September 9, 1963, you said "Our map does show that a small stope was mined to the Southwest of the shaft, in the area of holes XX2, X-20, and X-29."

Would you please furnish us the thickness and grade of ore originally indicated by said holes? If you do not have the information, would you advise us where it may be obtained.

Your further assistance in this matter will be appreciated very much.

Sincerely yours,

Hugh M. Connors
Acting Field Officer
Region III

cc: Chief, Division of Field Operations, OME
Royalty Corres. Idn. E792
Chron

THR:nm

The AEC records have been double checked and no production from Dede 8 is shown

Mr. Selfridge -

Monda[illegible]

George:

This was delivered today [illegible] by
Mr. Littel for Vitro.

He will call for an [illegible] when Mr [illegible]
arrives in Washington

[illegible]

On 2/20/63 Messrs. Moore & Rittell met with Messrs. Fenwick, Johnson, Selfridge, Murphy, & Talbot to discuss matter. Mr. Moore will have Mr. Hentzman prepare a map to account for total of 3,000+ tons from Jerry Bay 1.

Talbot
2/20/63

Rec'd. in DME 2/7/64

Vitro CHEMICAL COMPANY
SALT LAKE PLANT

Inter-Office Memorandum

Date February 12, 1964

To: Mr. E. G. [illegible] — AEC - Washington Office (Title)

From: James D. [illegible] — [illegible] Salt Lake Plant (Title)

Subject: DMEA-362C ([illegible])
Uranium Producers Company, Inc.
Dede, et al, Claims
Emery County, Utah
Contract [illegible]

Enclosed is a copy of a memorandum by Mr. [illegible] pertaining to his appraisal [illegible] near Green River, Utah.

He has attempted to reconstruct the [illegible] production from his notes and knowledge of the work in this area. You will note that a large part of the [illegible] is designated as "dead." [illegible] was done as development [illegible] based on previous [illegible] successful to justify further expense [illegible] was discontinued.

Based on Mr. [illegible]'s evaluation, it appears that 1020 tons could have been produced from the area in question. The grade averaged 0.18735% U_3O_8. On this basis, the value of the ore would be $14.048 per ton and the total royalty would be $[illegible]. The prior payment of $22.37 would leave a balance of $6[illegible].

We believe this is a [illegible] equitable basis for settlement of this matter.

James D. [illegible]

JDM:dw
Encl.
cc: Mr. [illegible]
Mr. W. [illegible]
Mr. K. [illegible]

February 10, 1964

Mr. James D. Moore — Manager, Western Operations

Scott D. Hunterman — Ore Buyer

I have carefully reviewed the matter of DMEA Loan No. 3620 dated April 28, 1955, between Titanium Prospectors Company, Ltd. and the Defense Minerals Exploration Administration, an agency of the Department of the Interior. My review particularly pertains to that certain royalty payable to the Government on production from the Jerry Boy 1 claim which overlaps to some extent the Sharon 1 1 claim which was a part of the exploration project contract.

Any and all mining completed in the Jerry Boy-Sharon 1 1 conflict area was under the supervision and control of Shattuck Denn Mining Corporation. At the time Shattuck Denn was active in the development and production of the area in question, they believed that the entire Jerry Boy 1 claim belonged to them. Therefore, no DMEA royalties were paid by Shattuck Denn nor were any production records kept as to the exact amount of ore produced from any particular area in the claim. The only records we have to work with are the Shattuck Denn records that show that a total of 3587 tons of ore with a value of $[illegible] were shipped from the Jerry Boy 1 claim. It is actually doubtful in my mind that 587 tons were actually shipped from the Jerry Boy 1 claim. I have no corroborative records to back this up other than my personal experiences in the field at the time the ore was being shipped. It was definitely my experience that the Shattuck Denn Company was very lapse in keeping accurate records as to production and shipments from any one area. This is not a criticism of the company as they felt that they had good title to the entire area being mined.

From the time the Little [illegible] and Jerry Boy claims were initially developed and until all the developed ore was mined out and the mine shut down, I kept in close personal contact with the operation in line with my duties as Assistant Ore Buyer.

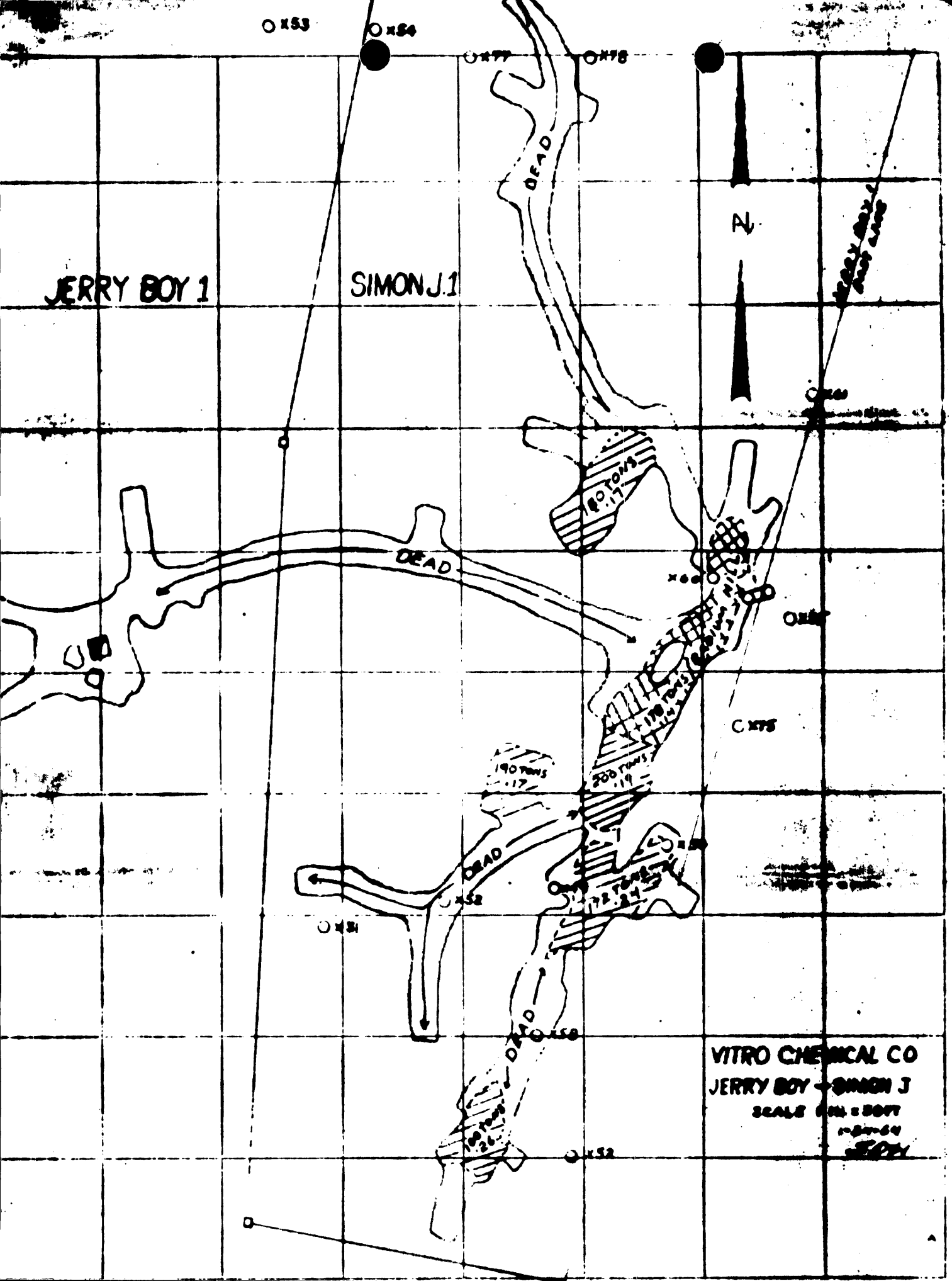
Radium Hill Uranium, Inc. originally drove the incline from the Shattuck Denn shaft easterly to the drill holes outlining the ore body on the area in question. After the incline was completed, they proceeded to mine the area represented by drill holes X 55, X 75 and X 60. The only ore produced by Radium Hill was [illegible] of [illegible] Uranium. After actually cutting some of the joint drill holes they found the ore to be very irregular and pod-like in nature and therefore, decided that further work in the area would definitely be uneconomical, and abandoned their operation.

Several months later, Mr. Frank Garrett, then superintendent of Operations for Shattuck Denn, decided to further work in reopening the old Radium Hill workings. Shattuck Denn then proceeded to do a considerable

amount of dead drifting for the purpose of cutting the majority of the drill holes that supposedly intersected ore. I followed this operation very closely and have constructed a map from my field notes showing the areas of the workings that ore was actually removed from and the corresponding grade. You will find this map attached for your information. It conservatively shows a total production of 1020 tons of 0.18733% U_3O_8 including the 178 tons produced by Nathan Hill. This grade would have a value of $14.05 per ton with a total gross value of $14,331. It is my feeling that this is a definite, realistic calculation on the actual tons and grade produced from the Simon J. Perry Roy I conflict area, and I again emphasize were arrived at from personal observation at the time the mine was being worked.

S. D. Huntsman

SDH:dw
Attachment
cc: Mr. R. B. Coleman


JERRY BOY 1
SIMON J.1
N
DEAD
DEAD
DEAD
DEAD
VITRO CHEMICAL CO
JERRY BOY - SIMON J

Re: DMEA - 3620, E 792, Our Ltr. 10/21/63

On November 4 Mr. Edward G. Rittel, Suite 245, 777-14th St., N.W. (Tel. 638-0160) discussed this letter with Mr. Johnson, Mr. Murphy, & myself. Mr. Moore had referred the letter to him with some comments.

Vitro's figures as to tonnage approximated the 3,687 tons stated in our letter, but exception was voiced to our computation of the tonnage and value assigned to Simon J. 1 claim. It was pointed out to Mr. Rittel that Vitro purchased the production in question from Shattuck-Denn and was in a position to inquire as to the area production.

Mr. Rittel stated he would so inform Mr. Moore and also tell him that OME would entertain a protest if our figures and estimates are wrong.

EE

On November 27 Mr. Rittel further discussed problem on basis of Moore 11/18/63 memo & Shattuck Denn 11/11/63 ltr. He was furnished a copy of map showing stoped areas of Jerry Boy 1.

(over)

On January 16, 1964, Mr. Johnson telephoned Mr. Rittel to inquire as to progress in matter. Map had been given Mr. Moore. Mr. Rittel will follow-up.

Vitro Chemical Company
Salt Lake Plant
Inter-Office Memorandum

November 18, 1963

Mr. E. G. Littel — VCA - Washington Office

James D. Moore — VCC - Salt Lake Plant

DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al, Claims
Emery County, Utah
Contract Idm-E792

You will note by the enclosed letter from John Moss, of Shattuck Denn, that they cannot confirm our records regarding the amount of ore shipped from the undisputed area of their Jerry Boy 1 claim, since they made no effort to keep separate records.

I cannot account for the 454 tons difference between our numbers; nevertheless, our intent at the time was to record separately the amounts shipped by Radium Hill and Shattuck Denn from the disputed and undisputed areas respectively. On the other hand, we recognize that Shattuck Denn, themselves, did some exploration work on the overlap area and it is possible that they shipped some ore from this area (perhaps 454 tons). As indicated by Mr. Moss, this would have been designated as coming from Jerry Boy 1.

It is also possible that some confusion developed over the exact source of the ore since they were also mining on the Little Lil claim and perhaps some ore was improperly identified as to source. Ores from both claims were hoisted through the same shaft.

3,055 outside
454 ?
178 Pd.
3,687

In any event, I don't see how OME could expect us to pay $1994.30 additional royalty based on their method calculation. Our records clearly show 3055 tons produced from the area of Jerry Boy 1 claim which we understood was outside the disputed area. It may be possible that the 454 tons difference also came from this area, but we have no basis for conceding this possibility.

I'm afraid that this will not be of much help to you, but I shall appreciate your talking with Mr. Johnson of OME again to determine what can be done. Please let me know if I can develop further information.

/s/ Jim
James D. Moore

JDM:dw
Encl.
cc w/encl: Messrs. W.B.Hall; W.H.Denne, Jr.; K.H.Elmer

C O P Y

SHATTUCK DENN MINING CORPORATION
120 Broadway
New York 5, N. Y.
AIR MAIL

C
O
P
Y

November 11, 1963

Mr. James D. Moore, Manager
Vitro Chemical Company
600 West 33rd South Street
Salt Lake City 15, Utah 84115

Dear Mr. Moore:

Under date of July 19, 1963, the Office of Minerals Exploration, Building 20 - Federal Center, Denver, requested the quantity and value of ore sold from the Simon J 1, Simon J 2, and Jerry Boy 1 claims.

We advised the O. M. E. that our records showed that 3,687 tons of ore, with a value of $54,429.98, were shipped from the three claims by Shattuck Denn.

Our records do not show that the ore, referred to above, came from the undisputed. At the time of mining ore, we believed that the entire Jerry Boy 1 claim belonged to us. Therefore, the only production record kept was for the Jerry Boy 1.

I would be pleased to furnish any other detailed information you deem necessary.

Very truly yours,

SHATTUCK DENN MINING CORPORATION

/s/ John A. Moss

John A. Moss
Secretary-Treasurer

JAM:mn

CA&A Division

OCT 21 1963

Vitro Chemical Company
600 West 33rd South Street
Salt Lake City 15, Utah

Attention: Mr. James D. Moore
Manager, Western Operations

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-2792

Gentlemen:

The matter of royalty payable to the Government on production from certain claims which overlap those under the referenced contract has been the subject of our letters of April 29, May 6, June 21, and July 22, 1963, and your Company's replies of May 1, June 19, July 16, and July 31, 1963. Enclosed with your July 16 reply was a check for $22.37, which amount you stated "represents royalties due as per our calculations on production from the area of these claims in dispute and covered by this contract."

This payment of royalty was documented by your Liquidation No. 60/10-4 covering the shipment during October 1960 from the Jerry Boy claim of three lots aggregating 178.428 dry tons on which gross proceeds of $1,481.66 were received by Radium Hill Uranium, Inc. and Shattuck Denn Company. Further investigation, however, has disclosed that production from the portion of the Jerry Boy 1 claim overlapping the Simon J. 1 claim was considerably greater than 178 tons.

Our findings are that a total of 3,667 tons of ore valued at $54,429.98 was shipped from the Jerry Boy 1 claim by the Shattuck Denn Company. Calculations of the square feet of openings, as shown on a map of the underground operations of the Newell Mine, indicate that such areas on the Simon J. 1 claim represent about 76.02 percent of total area of openings on the Jerry Boy 1 claim. On this basis, it is estimated that 2,803 tons of ore valued at $41,377.67 was shipped from the Simon J. 1 claim.

It is recognized that all of the openings shown on the map may not be in ore, but calculations on the basis of areas traversed appear

to be the only means presently available to the Government in estimating, in accordance with Article 8(h) of the contract, the amount of royalty on unreported production. Accordingly, the royalty delinquently due to the Government is computed, as follows:

	Percent	Tons	Proceeds
Actual, Jerry Boy 1	100.00%	3,687	$54,429.88
Estimated, Simon J. 1	76.02%	2,803	41,377.67
Reported, Simon J. 1		178	1,491.66
Unreported, Simon J. 1		2,625	39,886.01
Royalty due @ 5%			1,994.30

Your prompt remittance of $1,994.30 is solicited.

Sincerely yours,

George Fumich, Jr.

Director

EMTalbert/mm
10/21/63
cc: Director's Reading File
Region III
Docket
✓CA&A Division

Building 20 - Federal Center
Denver 25, Colorado

October 16, 1963 800

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., Claims)
Emery County, Utah

This responds to your memorandum dated October 8, 1963, on the subject contract. I telephoned Mr. D. M. Hillis and he informed me that he and Frank Hovis met with Mr. Dave Rowland during the week of September 16, 1963.

Mr. Rowland proposed a lease to Four Corners Oil and Minerals Company of the Dede, et al., Claims that was unsatisfactory to Mr. Hillis because the proposed royalties were too high.

Mr. Hillis did not state what further action his company would take. In fact, Mr. Hillis was very cagey concerning the whole matter.

It appears to me that your computation of royalty is fair and just. I am not qualified to judge the legal aspects of this case but it irks me to see Mr. Rowland, in effect, be free of all blame.

Original signed by

Hugh M. Connors

Building 20 - Federal Center
Denver 25, Colorado

September 12, 1963

RECEIVED O. M. E
800

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMRA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

In the last mail today I received the attached letter from Mr. Hovis dated September 9, 1963. This might be an important letter so I am sending you the original.

I will appreciate receiving your thoughts concerning what I should do about the last paragraph in Mr. Hovis' letter. Will you please advise.

Original signed by

Hugh M. Connors

Attachment

Building 20 - Federal Center
Denver 25, Colorado

September 12, 1963

Mr. Frank Hovis
c/o Four Corners Oil and Minerals Company
Green River, Utah

Re: DMMA-3620 (Uranium)
Contract Ldm-E792
Uranium Prospectors Company, Ltd.
(Dade, et al., claims)
Emery County, Utah

Dear Mr. Hovis:

Thank you for your letter of September 9, 1963 regarding the Jerry Boy No. 1 claim.

Next time I am over your way I will surely look you up.

Best personal regards,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
Royalty Corres. E792
Chron
HMC/lm

Four Corners Oil & Minerals Co.

1700 BROADWAY
ALPINE 5-0387
DENVER 2, COLORADO

Green River, Utah
Sept. 9, 1963

Mr. Hugh M. Connors
Acting Field Officer, OME
Region III
Denver 25, Colorado

OME
DEPARTMENT OF THE INTERIOR
SEP 12 1963
REGION III
DENVER, COLORADO

Re: DMEA-3620 (Uranium)
Contract Idm-E792

Dear Mr. Connors:

I acknowledge your 7-26-63 and 8-19-63, and apologize for my delay in answering same. With the ending of the assessment year and the fact I still haven't had time to take my vacation I'm sure you understand the delay.

I have a copy of the Shattuck-Denn mine and the tonnage figures you give, do seem to be realistic. I must admit that I was NEVER in this east end of the mine, but through general conversations and visual observations of their work maps, I would be satisfied that the maps made public are reasonably accurate.

Shattuck-Denn's foreman and also one of their former employees has told me that the ore strata was normally of higher grade, but that due to a bad clay condition on top of the ore, it was impossible to keep the ore clean. That should account for the lower than average value of ore from this area.

The Shattuck*Denn shaft is located on the Jerry Boy-1 Claim, but their big stope was mined entirely on the Little Lil Claim. Our map does show that a small stope was mined to the Southwest of the shaft, in the area of holes XX2, X-28, and X-29. However, I am sure this area was free of conflict, and was not affected by the DMEA loan on the DEDE group of claims.

For your general knowledge, I hope to meet with Mr. Dave Rowland during the week of Sept. 16, 1963. Mr. Rowland phoned me on August 19, 1963 and opened the door for settlement of the conflict between his claims and Four Corners Oil & Minerals Co. claims. You may wish to call Mr. Donuil M. Hillis at our Denver office, Al 5-0387, after Sept. 23rd, and I am sure he will ad vise you if there is any chance of settling this conflict.

Very truly yours,

Frank Hovis

Frank Hovis

Building 20 - Federal Center
Denver 25, Colorado

September 12, 1963

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

Under separate cover I am forwarding you a Shattuck-Denn Newell Mine map loaned to me by Al Dearth. This map indicates that almost all of the ore credited to the Jerry Boy No. 1 claim came from the Simon J./No./claim which was subordinated to DMEA. The big stope mentioned by Frank Hovis was west of Newell shaft on the Little Lil claim.

I have had no reply from AEC or Frank Hovis to my letters requesting information on the Jerry Boy No. 1 claim and I doubt that I will because they will fear becoming involved. This Shattuck-Denn map may be valuable to us and you may wish to make copies.

Please return AL Dearth's map to this office so I can send it back to him.

Hugh M. Commors

EXTRA COPY
O. M. E
RECEIVED
DATE
1 ... 63
9/19
800

Building 20 - Federal Center
Denver 25, Colorado

September 12, 1963

Mr. Al Emerth, Geologist
Atlas Minerals
P. O. Box 488
Moab, Utah

Dear Al:

Thank you for the use of your map showing the Jerry Boy No. 1 claim. I hope to return it to you at an early date.

Kindest personal regards,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
Royalty Corres. Idm E792
Chron
HMC/lm

ATLAS MINERALS
DIVISION OF ATLAS CORPORATION
URANIUM REDUCTION COMPANY
P. O. BOX 488
MOAB, UTAH

September 10, 1963

OME
DEPARTMENT OF THE INTERIOR
SEP 11 1963
REGION III
DENVER, COLORADO

Mr. Hugh M. Cornnors
Acting Field Officer, OME
Building 20, Federal Center
Denver 25, Colorado

Dear Hugh:

I hope this map will be of some use to you.

Please return it after you are through with it.

Best personal regards,

Al Dearth

Al Dearth
Geologist

AD/bj

Enclosure

NMM Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Field Operations

Subject: NMMA-3639 (Uranium)
Uranium Prospectors Company, Ltd.
Bade, et al., Claims
Emery County, Utah
Contract 14s-6792

With reference to the question raised in your memorandum of September 12, we have calculated the square feet of openings on the Jerry Bay 1 claim as shown on the Howell mine map you forwarded. Based on plan area the work on the Simon J. 1 claim represents 74.02 percent of the area.

Shattuck Denn Company's letter of July 24, 1963, states that it shipped 3,687 tons of ore valued at $54,429.98 from the Jerry Bay 1 claim. Although all the openings shown on the map may not be in ore, the areas traversed are about the only basis we can use; therefore, it is estimated that 2,883 tons of ore valued at $41,377.67 was shipped from the Simon J. 1 claim. The Government's 5 percent royalty on this ore would amount to $2,068.88. The Government has the right to make this estimate under the terms of Article 8(b) of the contract.

Mr. Dave Rowland signed a Consent to Lien dated April 9, 1956, covering the thirteen (13) claims listed in the subject contract. However, the prime responsibility as surety for payment rests with Vitro Chemical Company, the purchaser of 100 percent of Uranium Prospectors Company stock in early 1955. Accordingly, we propose to demand payment of $2,066.88, less $22.37 royalty paid by Vitro Chemical Company on July 31, 1963.

Possibly before taking any action in this matter you might contact Mr. B. M. Hillis as suggested in Mr. Rovis' letter of September 9, 1963. Please advise us of the results of your conversation with

63603

Mr. Billis. Also, comments on our computation and proposed action will be appreciated. You will note we need 5 percent royalty whereas the previously mentioned royalty paid by Vitro was calculated at 1½ percent.

We have made copies of the Flathead [illegible] Company, Sevell mine map and, as requested, are enclosing the map you forwarded.

Enclosure

FJMcGarvey/ma
10/8/63
cc: Director's [illegible]
Re[illegible]
[illegible]
[illegible]

800

Building 20 - Federal Center
Denver 25, Colorado

September 4, 1963

Mr. Allen E. Jones, Manager
United States Atomic Energy Commission
Grand Junction Office
Grand Junction, Colorado

Re: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dade, et al., claims)
Emery County, Utah

Dear Mr. Jones:

Will you please advise if there are stopes shown on your map of the Jerry Boy No. 1 claim other than the one east of the Shattuck Denn shaft.

As you know, this shaft is now inaccessible but we do know the tonnage of ore shipped from the Jerry Boy No. 1 claim and what we are trying to determine is whether or not there were other stopes on this Jerry Boy No. 1 claim other than the stope east of the shaft.

Will you please advise.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
Royalty Corres Idm-E792
Chron
HMC/lm

800

Building 20 - Federal Center
Denver 25, Colorado

September 4, 1963

Mr. A. E. Dearth
Atlas Minerals Corporation
Box 488
Moab, Utah

Re: ~~DMEA-3767 (Uranium)~~
~~Contract Ida-1877~~
~~Uranium Prospectors Company, Ltd.~~
~~(Jack Rabbit claims)~~
~~Emery County, Utah~~

Dear Mr. Dearth:

I appreciate very much your long distance call to me in Grand Junction on August 30, 1963.

I well understand the confusion you must have had in moving your maps and records from the Grand Junction Office to Moab, Utah. When you again get organized, I would be happy to know if your map of the Jerry Boy No. 1 claim shows any stopes other than the stope east of the Shattuck Denn shaft.

Whenever you are in Denver I hope you will drop by the office to see us.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
Royalty Corres. ~~1877~~
Chron
HMC/lm

800

Building 20 - Federal Center
Denver 25, Colorado

August 23, 1963

Mr. A. E. Dearth, Chief Geologist
Texas-Zinc Minerals Corporation
1129 Colorado Avenue
P. O. Box 1749
Grand Junction, Colorado

Re: EMEA-3767 (Uranium)
Contract Idm-E877
Uranium Prospectors Company, Ltd.
(Jack Rabbit Claims)
Emery County, Utah

Dear Mr. Dearth:

I plan to be in Grand Junction the afternoon of August 29 or the morning of August 30, 1963, and I would like to see your big map which shows all of the claims belonging to the many companies operating in the area. I am particularly interested in seeing your map of the Jerry Boy claim which belongs to the Shattuck-Denn Company.

If you are not going to be in the office either the afternoon of the 29th or the morning of the 30th, would you please make arrangements for me to look at the map.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
Royalty Corres Idm-E877
Chron
HMC/lm

Building 20 - Federal Center
Denver 25, Colorado

August 19, 1963

Mr. Frank Hovis
c/o Four Corners Oil and Minerals Company
Green River, Utah

Re: DMRA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

Dear Mr. Hovis:

I have had no reply to my letter to you dated July 26, 1963, and I am wondering if you have been on vacation.

The Shattuck Denn Company informed us that they shipped 3,687 tons of ore having a value of $54,429.98 from the Jerry Boy 1 claim and what I am trying to determine is from what stope or stopes this ore was produced?

Any help you can give me on this will be greatly appreciated.

Sincerely yours,

Original signed by

Hugh M. Connorn
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME (2)
Royalty Corres Idm-E792
Chron
HMC/lm

AUG 5 1963

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Field Operations

Subject: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Enclosed for your information and files is a copy of Vitro Chemical Company's July 31 reply, together with an enclosed liquidation sheet no. 60/10-4, to our letter of July 22.

It appears from the correspondence we have had with Vitro, in particular the second paragraph of its June 19 letter and the first paragraph of its July 16 letter, that only this single shipment of 178.428 dry tons was produced from the overlap area. This is the same shipment referred to by Mr. Rowland in the fourth paragraph of his May 30 letter as the "initial" shipment from the overlap area. The following paragraph of Mr. Rowland's letter, however, states that the "next" ore was removed from the overlap area during the 1961 summer.

There is an apparent conflict between Vitro's position and both Mr. Rowland's statement regarding additional production and the Shattuck Denn Company's July 24 advice that 3,687 tons of ore were shipped from the Jerry Boy 1 claim. Accordingly, we are withholding further action in the matter pending receipt of a reply to your July 26 inquiry addressed to Four Corners Oil and Minerals Company and your recommendations.

George C. Selfridge

Enclosure

EDTalbert/ama 8-5-63

cc:
Docket
Director's Reading File
CA & A Division
Review Committee

Vitro CHEMICAL COMPANY

A SUBSIDIARY OF VITRO CORPORATION OF AMERICA

600 WEST 33rd SOUTH STREET · SALT LAKE CITY 15, UTAH · [illegible]

Extra

July 31, 1963

Mr. George Fumich, Jr.
Director
United States Department of the Interior
Office of Minerals Exploration
Washington 25, D. C.

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Inc.
Dede, et al. Claims
Emery County, Utah
Contract Idm-E792

Gentlemen:

In compliance with your letter to Mr. James D. Moore dated July [illegible], we are enclosing two copies of settlement sheet covering ore purchases from Radium Hill Uranium, Inc., during October, 1960, covering production from the disputed areas of the claims under Contract Idm-E792. This will give you the necessary papers to compute royalty payment in accordance with our check in the amount of $22.37, which accompanied Mr. Moore's letter of July 16, 1963.

We are sorry these copies were not included in the first mailing [illegible] royalty payment covering ore production under above referenced contract.

Yours very truly,

VITRO CHEMICAL COMPANY

Keith H. Elmer
Plant Accountant

KHE/er

Enclosures (2)

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED JUL 29 1963
CODE
800

July 26, 1963

Mr. Frank Hovis
c/o Four Corners Oil and Minerals Company
Green River, Utah

Re: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

Dear Mr. Hovis:

I wish to again thank you for your help in guiding me around the captioned area and adjacent areas which are so well-known to you. Since my return to this office there are several more questions on which I have no answer and am wondering if you will help me.

1. I have a map which shows that the Shattuck Denn shaft is on the Jerry Boy 1 claim. Is that correct?

2. My map shows a lenticular shaped stope a short distance east of the Shattuck Denn shaft in an area covered by Simon J 1, Simon J 2, and Jerry Boy 1 claims, the ore body having been in the area formerly in dispute. I feel sure that you have been in this stope and it is shown on your map. Because the stope is now inaccessible and I have never seen it, I wonder as to its size. Would you say that a fair estimate of the tonnage and value of ore removed from this stope would be approximately 3687 tons of ore, with an average value of $14.75 per ton?

3. As I remember, you told me that Shattuck Denn's big stope was west of the shaft. Would any part of that big stope have been on the Jerry Boy claim?

4. Does your map show any other stopes on the Jerry Boy 1 other than the one shown east of the Shattuck Denn shaft?

Enclosed is a self-addressed, franked envelope and I will appreciate very much your early reply.

Sincerely yours,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

Enclosure

cc Chief, Division of Field Operations, OME
Royalty Corres. Idm-E792
Chron

HMC/lm

SHATTUCK DENN COMPANY
120 BROADWAY
NEW YORK 5, N. Y.

OME
DEPARTMENT OF THE INTERIOR
JUL 25 1963
REGION III
DENVER, COLORADO

July 24, 1963

Mr. Hugh M. Connors, Acting Field Officer
U. S. Department of Interior
Office of Minerals Exploration
Building 20 - Federal Center
Denver 25, Colorado

Re: DMEA - 3620 (Uranium) Contract idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al, Claims) Emery County, Utah

Dear Mr. Connors:

In reply to your letter of July 19, 1963, our records show that 3,687 tons of ore, having a value of $54,429.98, were shipped by our Company from the Jerry Boy 1 claim.

Yours very truly,

SHATTUCK DENN COMPANY

John A. Moss

John A. Moss
Vice President

JAM:lp

Copy to Selfridge

JUL 22 1963

Vitro Chemical Company
600 West 33rd South Street
Salt Lake City 15, Utah

Attention: Mr. James D. Moore
Manager, Western Operations

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Gentlemen:

Receipt is acknowledged of your check for the amount of $22.37, which your transmittal letter of July 16 states represents your calculation of the royalty due on production from the disputed areas of the claims under the referenced contract. No copy of your calculation, however, accompanied the check.

Your June 19 letter in regard to this matter stated, in part, "our records show that 178.428 dry tons containing 514.86 pounds U_3O_8 (0.14428% U_3O_8) were produced. Accordingly, the gross proceeds, including base price and development allowance on the sale of this ore were $1,491.66". It is assumed, therefore, that your remittance represents a 1½% royalty on October 1960 production sold in the form of "ore" having an average value of $8.36 a ton. In confirmation, your submission, in accordance with Article 8(b) of the contract, of two copies of the pertinent settlement sheet is solicited.

The second paragraph of your July 16 letter states that, inasmuch as Vitro has released the claims, further royalties will be paid by Mr. David Rowland. Even though Vitro may have released the claims, the Government cannot release Vitro from its obligations under the referenced contract, Article 8(b) of which provides that Uranium Prospector's Company, Ltd. (i.e., Vitro Chemical Company, as successor by merger), as principal if the producer or as surety if not the producer, shall pay the Government's percentage royalty on all production from the land under the contract.

Sincerely yours,

George Fumich, Jr.

Director

EDTalbert/ama 7-22-63

cc:
Docket
Director's Reading File
CA & A Division
Region III (w/cy of inc. ltr.)

July 22, 1963

Memorandum

To: Chief, Fiscal Section
Division of Administrative Services
Office of the Secretary

From: E. D. Talbert, Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Enclosed for deposit to the subject DMEA account under symbol 14X4401 as a royalty receipt is check no. 0362, dated July 16, 1963, and drawn by Vitro Chemical Company in the amount of $22.37 on its Salt Lake Operating Account with the Walker Bank & Trust Co., Salt Lake City, Utah.

The check apparently represents a 1½% royalty on $1,491.66 gross proceeds on 178.428 dry tons of .14428% of U_3O_8 ore produced in October 1960 from certain claims which overlap those under the subject contract.

Enclosure

EDTalbert/ama 7-22-63

cc:
Docket
Director's Reading File
CA & A Division
Region III

Building 56 - Federal Center
Denver 25, Colorado

July 19, 1963

Shattuck Denn Company
327 Main Street
Grand Junction, Colorado

800

Re: [redacted] (Vanadium)
Contract [redacted]
Uranium Reproducers Company, Ltd.
(Hale, et al., Claims)
Emery County, Utah

Gentlemen:

Will you please advise the quantity and value of ore sold by your company from the stope east of the Shattuck Denn shaft in the area which was formerly in dispute on the Simon J 1, Simon J 2, and Jerry Ray 1 claims.

Your early reply will be appreciated.

Sincerely yours,

Hugh M. Gammers
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OMT
Royalty Corres. [illegible]
[illegible]

HMG:[illegible]

CHEMICAL COMPANY

A SUBSIDIARY OF VITRO CORPORATION OF AMERICA

600 WEST 33rd SOUTH STREET · SALT LAKE CITY 15, UTAH · INGERSOLL 7-5414

800

...mpany, Ltd.

...from

...relative

...ons

JUL 11 1963

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Field Operations

Subject: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

With regard to your memorandum of July 1, 1963, relating to the condition of the stoped area in question, it appears that a visual estimate of the ore removed will be impossible.

Vitro Chemical Company in its letter of June 19, 1963, promised to submit the production figures for this area. However, it is suggested that in the meantime you contact Shattuck-Denn on an informal basis as to the quantity and value of the ore it produced from the area. We could then use this information as a check for the figures Vitro submits.

George C. Selfridge

FMMurphy/ama 7-10-63

cc:
Docket
Director's Reading File
CA & A Division
Review Committee

JUL 1 1 1963

Mr. David A. Rowland
3950 Los Feliz Boulevard, Apt. 210
Los Angeles 27, California

Re: [redacted]-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Dear Mr. Rowland:

The information furnished by your July 8 letter in response to our June 7 inquiry is appreciated.

The Vitro Chemical Company, as successor by merger to the Uranium Prospectors Company, Ltd., has promised to investigate the matter of royalty due to the Government on production from property under the referenced contract. Accordingly, further action in this matter is being withheld pending further word from Vitro.

In regard to your request for comments concerning the activities of Four Corners Uranium Company on the claims under the contract, it would appear that this is a matter between you and Four Corners. Our information was only hearsay. For that reason our April 29 letter specifically requested your "confirmation or correction".

Sincerely yours,

George Fumich, Jr.

Director

EDTalbert/ama 7-10-63

cc:
Docket
Director's Reading File
CA & A Division
Region III (w/cy inc. ltr.)

DAVID A. ROWLAND
3950 Los Feliz Boulevard, Apt. 210
Los Angeles 27, Calif.

OFFICIAL FILE COPY
O. M. E.
JUL 10 1963

July 8, 1963

Mr. George Fumich, Jr., Director
Office of Minerals Exploration
U. S. Department of Interior
Washington 25, D. C.

E-792

Dear Mr. Fumich:

This will acknowledge receipt of your letter of June 7, 1963. [illegible] in delivery to me resulted from my recent move to Los Angeles. I will [illegible] supply you with additional information to help clarify the problem of a [illegible] ment resulting from the settlement I accepted from the Shattuck-Denn Company [illegible] October. I understand very well your desire to protect the government's [illegible] in collecting any royalty that becomes due. However, it appears to me that the issue resolves around the simple fact that no royalty was ever paid to me from the claims contained in Contract Idm-E 792.

Let us first discuss the reported shipment from the overlap area that occurred in the Fall of 1960. Radium Hill Uranium Inc. had an assignment on my lease to the MRB Mining Company dated February 20, 1960 and were proceeding with development when MRB was acquired by the Shattuck-Denn Company on June 3, [illegible]. During the summer and early Fall, a conflict arose between Radium Hill and Shattuck-Denn who were operating from the same shaft, but on different levels. [illegible] return from a business trip in Algiers in November, 1960, I learned [illegible] Hill had withdrawn from their mining operations as a result of [illegible] conditions arising from the Shattuck-Denn people, some of which was [illegible] intentional.

During these months my lease called for a $200 minimum [illegible] payment payable on the first of each month. On December 6, 1960, I [illegible] above mentioned lease for a lack of receiving a royalty payment. [illegible] I had never received any direct evidence that a shipment of ore had [illegible] the claims contained in the Contract Idm-E792, some of which were contained in the MRB lease of February 20, 1960. I had heard, however, that some ore had been [illegible] removed from the overlap area that was mixed with some high grade ore [illegible] the adjacent Jerry Boy claims belonging to Shattuck-Denn. I had never [illegible] with a settlement sheet or any other factual evidence that such a shipment [illegible] occurred from my lease to MRB. Incorporated in this lease is the [illegible] Vitro is to make all payments directly to the Lessee and the Lessor [illegible] shall be deducted from the royalty to be paid to the Lessor and paid in [illegible] of the outstanding RMRA loan. Accordingly, in an effort to establish [illegible] shipment did occur from my property, I wrote a letter to Mr. R. B. [illegible] the ore buyer for Vitro, to verify this fact. The response was the January [illegible], 1961, letter which you cited in your June [illegible] 1963 letter to me in which I finally learn that apparently there had been a shipment from the overlap area as indicated by Mr. Coleman. Yet, upon further inquiries to secure a settlement sheet from

Mr. Coleman have not been fulfilled.

During the course of the trial preparation I saw an unsigned settlement sheet which was supposed to have accompanied a Radium Hill ore shipment from the "Jerry Boy" claims dated about the time shipment from the overlap area occurred. Other than this I have no information that leads me to believe that ore was shipped from the claims contained in the Contract Idm-8792. If Vitro withheld paying the 10% royalty $12,332 as requested by Mr. R. B. Coleman in his letter of January 30, 1964, the letter him [illegible] a [illegible] of the shipment. Obviously it was not proper for Vitro to take upon themselves to withhold a royalty payment, if such was due, since I would then have to inform as to how much should be forwarded in reduction of the DMEA loan. Vitro was not [illegible] to pay the DMEA loan except that they were directed to make payments according to the terms contained in the lease which included a [illegible] to be paid in reduction of the DMEA loan. If they preferred to pay me the full 10% and [illegible] me pay the government's share, then why was this not done. If Vitro can produce the appropriate mill run receipts for the reported shipment attributed to the [illegible] contained in the Contract Idm-8792, then I will promptly fulfill my obligation [illegible] your [illegible].

Inasmuch as the settlement with Shattuck-Denn did not entail a royalty payment, it hardly appears that I am obliged to pay a royalty in reduction of the DMEA loan. In an effort to clarify [illegible] I will present the following history connected with my association with the MRB organization.

Upon discussion of the lease terms with Mr. Magor which ultimately resulted in the lease referred to earlier bearing the date of February 20, 1960, the issue of ownership of the overlap area was thoroughly reviewed. It was finally agreed that I would receive a royalty on the overlap area and in return I would reduce my royalty demands on the remaining portion of the claims. You will note that the government was to gain by this move [illegible] as it turned out, the issue of "prior discovery" would have placed MRB in a [illegible] position if a controversy over ownership ever went into litigation. As [illegible] to Mr. Magor, when I cancelled the lease on December [illegible], 1960, I did [illegible] agreement to pay royalty on the overlap.

The basis of my case was that the overlap agreement was binding beyond the life of the lease, while MRB and, subsequently, Shattuck-Denn contended the agreement held only so long as the lease was in effect. I was able to secure an out-of-court settlement on the basis of two important [illegible] factors, both of which had no bearing on any [illegible] royalty payment [illegible]. Firstly, any trial is very expensive particularly during court proceedings. Hence, Shattuck-Denn could save money by paying a small settlement. But more important was their desire to not tip their hand on a pending trial. They were [illegible] which involved some previous Shattuck-Denn employees. As a consequence, Shattuck-Denn was eager to close the trial before alerting the individuals involved through continued testimony. It hardly seems appropriate that I should pay a royalty on these extenuating circumstances.

I hope the above will supply you with sufficient information to discharge your responsibility of collecting any royalty due under Contract Idm-8792. It

appears to me your problem should be easily solved by requesting settlement sheets from Vitro on any ore shipped from any lease or operation involving the claims contained in Contract Idm-8792. Vitro is well aware of the DMEA lien on these claims since they purchased this property from the original Lessee - the Uranium Prospectors Co. Ltd. - in April 1956. Moreover during the time of the [redacted] lease, as well as today, Vitro holds a first refusal of ore shipped from these claims.

I will greatly appreciate receiving complete answers to questions and other comments concerning the Four Corners Uranium Company's activities contained in my May 30, 1963 letter.

Very truly yours,

David A. Rowland

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED JUL 5 1963
DATE
900

July 1, 1963

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., Claims)
Emery County, Utah

This responds to Mr. Fumich's letter of June 12, 1963 on the subject contract.

I inspected this property on June 26, 1963 in the company of Frank Hovis, Mine Superintendent, for the Four Corners Oil and Uranium Company. We visited the Shattuck-Denn shaft on the Jerry Boy claim. Access to the stope in question would have to be through this shaft which has not been in operation for more than a year. Only the headframe of the surface plant remains and the shaft contains 50 feet of water. The stope in question is flooded and if not caved now would be as soon as the water is withdrawn, according to Mr. Hovis.

Mr. Hovis stated that the Dede et al. claims, subordinated under this contract, have been restaked by his company as Vanura claims. These new Vanura claims will have no AEC allotment at the present time and Mr. Hovis stated that his company would very much like to obtain a quick claim deed from Mr. Rowland so they could sell the ore which they know is on these claims at the present time instead of waiting until after 1966. Mr. Hovis also stated that his company would rather pay the Government 5 percent royalty on the ore they produce rather than pay lawyers to fight Mr. Rowland in court. He also stated that his company has definite proof that Mr. Rowland did not do his assessment work on these claims and he is sure that his company could beat Mr. Rowland in court.

Original signed by

Hugh M. Connors

JUN 21 1963

Vitro Chemical Company
600 West 33rd South Street
Salt Lake City 15, Utah

Attention: Mr. James D. Moore
Manager, Western Operations

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dada, et al., Claims
Emery County, Utah
Contract Idm-8792

Gentlemen:

The information furnished in your June 19 reply to our May 6 letter, regarding production from the land under the referenced contract, is appreciated. In accordance with your request for a copy of the original document in the matter, a thermofax copy of Exploration Project Contract, together with a copy of Annex I describing the land thereunder, is enclosed.

It is hoped that these documents will be of assistance in your appraisal of the situation and that your accounting for production and payment to the Government of the royalty due thereon will be furnished promptly.

Sincerely yours,

George Fumich, Jr.

Director

Enclosures

KDTalbert/cac 6/21/63
cc: Director's reading file
CA & A Division
Region III (w/c incoming letter)

CHEMICAL COMPANY
DIVISION OF VITRO CORPORATION OF AMERICA
[illegible] · SALT LAKE CITY 15, UTAH · [illegible]

JAMES D. MOORE
MANAGER, WESTERN OPERATIONS

OFFICE [illegible]
DATE [illegible]

June 19, 1963

Mr. George Fumich, Jr.
Director
U. S. Department of the Interior
Office of Minerals Exploration
Washington 25, D.C.

Dear Mr. Fumich:

Re: DMEA-362C (Uranium)
Uranium Prospectors Company, [illegible]
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

In response to your letter of May 6, 1963, we are in the [illegible] of appraising the status of the referenced contract. Since we are [illegible] cessors to Uranium Prospectors Company, Ltd., this has been somewhat laborious and time consuming, and we have further work to complete. [illegible] of the information has been transferred to permanent files and is [illegible] to locate. In fact, we are unable to locate our copy of the original [illegible] document and would appreciate it if another copy could be supplied [illegible] your office. At your convenience, I shall very much appreciate [illegible] forwarding an appropriate copy for our use. Your various comments [illegible] on this subject have been very helpful in clarifying this situation [illegible] us and we have a better understanding of our obligation.

In reference to your request for an accounting of the [illegible] Denn production from the overlap area, our records show that 178.[illegible] tons containing 514.86 pounds U_3O_8 (0.144[illegible]6% U_3O_8) were [illegible] ingly, the gross proceeds, including base price and development [illegible] on the sale of this ore were $1491.66. This was produced and [illegible] in October of 1960, and there has been no production from the over[illegible] area since the execution of the March 21, 1962, lease between [illegible] Denn and Vitro on the adjoining property.

Though we have no confirmation, we understand that Four [illegible] Oil & Minerals Co. has relocated claims subject to this exploration [illegible].

We hope to clear up these matters with owners of the [illegible] reconcile payment of royalties to the Government. You may [illegible] further from us as soon as we can complete this work.

Very truly yours,

VITRO CHEMICAL COMPANY

James D. Moore
Manager, Western Operations

JDM:[illegible]

JUN 7 1962

Mr. David A. Rowland
Box 3927
Stanford, California

Re: RMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Dear Mr. Rowland:

The advice furnished in your May 30 reply to our inquiry of April 29 is appreciated but does not fully satisfy our requirements.

Our letter of April 29 and previous letters have been for the purpose of ascertaining sufficient information to enable us to discharge our responsibility of collecting any royalty due to the Government on the value of production from any of the land under the subject contract. Your assistance in this matter was solicited for the reason that when the contract was executed it was represented that you and Andrew G. McDermott were the owners of the claims and that you, in apparent good faith, executed a Consent to Lien dated April 9, 1955, granting to the Government a lien upon all of your right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract.

In the fourth paragraph of your letter of May 30 you state that the initial shipment from the overlap area was made in late 1960 when the property was leased to Shattuck-Denn and operated by Radium Hill Uranium Co. and that the value of the shipment amounted to $1,233.20. On the other hand, according to a letter dated January 30, 1961, to you from Vitro Chemical Company, a copy of which you furnished to our Acting Field Officer on March 17, 1961, the shipment was by M.R. & B. Mining Company. Vitro's letter states that you were not paid a 10% royalty of $123.32 for the reason that such amount did not exceed the $200.00 per month minimum royalty provided in the Lease Agreement dated February 20, 1960. Vitro further stated that the contract did not make it their obligation to pay the RMEA loan.

It would appear that you have been compensated as claim owner for your share of the proceeds from this sale, at the least, and that the Government is justified in demanding payment by you of its appropriate royalty. In addition, it appears that royalty is due to the Government on the production during the summer of 1961, as mentioned in the fifth paragraph of your letter; however, you have not stated the value of such ore.

The October 23, 1962, Stipulation in Case No. 12975 in the District Court in and for the County of Mesa, State of Colorado, indicates that all claims against MRE Mining & Exploration Company had been dismissed, that you received a sum of money from Shattuck-Denn Company, and that certain quit-claim deeds were to be exchanged. While the record available to this office is far from complete, it would seem that the settlement effected by the Stipulation must have disposed of all matters in dispute between the parties arising prior to October 23, 1962, including any production from the overlap area prior to that date.

Request, therefore, is made again for a full accounting for the royalty due to the Government as a result of production from the land described in the Consent to Lien executed by you on April 9, 1955.

Sincerely yours,

George Fumich, Jr.

Director

CEFisher/ama 6-6-63

cc:
Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (w/cy of inc. ltr.)

DAVID R. ROWLAND
Box 3927
Stanislaus, California

May 30, 1965

Mr. George Fumich, Jr., Director
Office of Minerals Exploration
U. S. Department of Interior
Washington 25, D.C.

Dear Mr. Fumich:

In response to your letter of April 29 concerning a DMEA [illegible] Idm-579, government lien, I shall attempt to answer your questions [illegible] as possible herewith. In order to adequately explain the problems [illegible] to the litigation with Shattuck-Denn, it would be necessary to discuss [illegible] issues in person with you or your representative where maps and other pertinent documents could be reviewed. Nevertheless, I shall answer your questions as they appear in your letter.

It is not correct that I have quit-claimed my interest in [illegible] overlap area which resulted in the conflict with Shattuck-Denn. [illegible] effort to once and for all establish the boundary between our prop[illegible] we attempted to construct a description that would be understandable [illegible] meaningful in the event the issue were ever to be raised again. [illegible] suspect, the agreed boundary follows very nearly the pattern of the [illegible] staking of my claims as represented on the registered survey of Sept[illegible] 1954. Accordingly, it was necessary for the respective claim owners [illegible] quitclaim that area not contained in the prescribed boundaries, but [illegible] was previously asserted to be held by both owners. The area involved [illegible] not worth writing about, unless of course a conflict should arise and [illegible] boundary not settled which could result in another litigation. I [illegible] that any ore was removed from the respective areas released.

The ore that was shipped was credited to the Shattuck-Denn [illegible] erty because they believed their rights to title by reason of discove[illegible] precluded my rights to title by reason of priority. I am advised by counsel that if the issue were to be contested in court, I would lose. Consequently, it does not appear practical that I would be forced to collect payment on something I cannot claim I owned at the time. I am advised that the ore removed from the overlap area was of such poor [illegible] that it was made shipable only by mixing some high-grade ore obtained from another area to make the bulk shipment acceptable to the mill.

The initial shipment from the overlap area occurred in [illegible] of 1960 when the property was leased to Shattuck-Denn and operated [illegible] Radium Hill Uranium Co. This shipment amounted to $1233.20 but [illegible] credited to the claims under lease, but to the adjacent claims [illegible] As a consequence, I did not receive a copy of the mill receipt [illegible] mention that the lease that was in effect at the time directed [illegible] to deduct 5 percent for reduction of the DMEA loan from any [illegible] However, this procedure apparently was not followed since the [illegible] under claims not included in the lease.

Mr. George Fumich

[illegible] area was mined [illegible]
[illegible] Company [illegible]
[illegible] stating their opinion that they could clear the overlap [illegible]
that some recent adverse claims filed on my property could also [illegible]
be valid. This factor involves a long story pertaining to the [illegible]
covery. They suggested they could lease the adverse claims [illegible]
claims, and in fact did just that. However, I am hopeful that I [illegible]
my interest against these claimants for the bulk of the area in [illegible]

This brings up the more recent problem encountered by the [illegible]
Company who have unilaterally staked a number of claims over my [illegible]
have conducted drilling to establish discoveries over most of the [illegible]
tained in the government contract Ism-8792. I do not know how well [illegible]
protest these claims where discovery by drilling has not been perf[illegible]
[illegible]. I am unaware of any failure on my part to submit proof of [illegible]
affidavits to be recorded as you suggested in your letter. Could you [illegible]
me with the source of your information and what year(s) this event o[illegible]

I am confident that the Rare Corporation Company would be less [illegible]
to try to capture my property if a large concern with enough backing [illegible]
to acquire interest in my claims. A disturbing situation arises [illegible]
when a major interest observes that conflicting claims appear on [illegible]
and are often discouraged from pursuing their interest for fear of [illegible]
resulting from a possible litigation. The recent events of the [illegible]
Company have placed my claims and property merely by their action [illegible]
their future intentions may be an impossible to fight that [illegible]
of events. Since the government's interest is at stake, [illegible]
USBM seem to aid in suppressing this detriment to the [illegible]
we so cherish in our country. I shall greatly appreciate any [illegible]
may offer regarding this cloud of injustice that prevails over [illegible]
at this time.

Very truly yours,

David A. Rowland

MAY 6 1963

Vitro Chemical Company
600 West 33rd South Street
Salt Lake City 15, Utah

Attention: Mr. James D. Moore
Manager, Western Operations

Re: DMMA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Gentlemen:

Receipt is acknowledged of your May 1 reply to our April 29 letter regarding production from certain claims which overlap those under the referenced contract.

The promptness of your response and the information furnished are appreciated. We must reiterate, however, that this overlap area was specifically included in the contract. Furthermore, the contract explicitly provides that Uranium Prospectors Company, Ltd., as principal if the producer or as surety if not the producer, shall pay a percentage royalty to the Government on all production from the land under the contract. As successor by merger, Vitro Chemical Company is obligated to pay the Government's royalty on all production from the land under the contract, regardless of who is the producer, owner, or lessee.

The contract also provides that, if the records of production or sales are not made available to the Government, the amount of royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding. The Director, Office of Minerals Exploration, is the successor to the Administrator, Defense Minerals Exploration Administration.

As the Government has no contractual relation with Shattuck Denn Mining Corporation in this matter, demand cannot be made against that corporation for an accounting of the production and payment of the royalty. Accordingly, we again request that Vitro arrange

to obtain and furnish an accounting for the Shattuck Denn production from the overlap area. Also, we will appreciate advice as to whether there has been any production by Vitro from the overlap area since execution of the March 21, 1962, lease between Shattuck Denn and Vitro of the adjoining property.

Sincerely yours,

George Fumich, Jr.

Director

EDTalbert/ama 5-3-63

cc:
Docket
Director's Reading File
CA & A Division
Acting Field Officer, Region III (w/cys of inc. ltr.)

800

Vitro CHEMICAL COMPANY

DIVISION OF VITRO CORPORATION OF AMERICA

600 WEST 33rd SOUTH STREET · SALT LAKE CITY 15, UTAH · INGERSOLL 7-[illegible]

May 1, 19[illegible]

800
500

Mr. [illegible]
Director
U. S. Department of the Interior
Office of Mineral Exploration
Washington 25, D.C.

Dear Mr. [illegible]:

(Mid-[illegible] Uranium)
Uranium Prospectors Company, [illegible]
Dede, et al, Claims
Emery County, Utah
Contract 14m-E792

In regard to [illegible] exploration contract, it is our understanding that the overlap [illegible] Dede, et al, claims and Little Lil, Jerry Boy [illegible] 2 claims was considered [illegible] during the period that Uranium Prospectors Company, Ltd. had [illegible] claims under lease. No production was realized from the [illegible] claims during this period and they were released back to [illegible] A[illegible]vland, who assumed the responsibilities of the exp[illegible]

[illegible] from the overlap area by Shattuck Denn Mining Corporation who attributed this production to the Little Lil and Jerry Boy Fraction claims under the above-mentioned consideration. As to whether the ore produced from the overlap area was subject to royalty payments under the [illegible] contract, it appears that clarification of original title to all claims would first be required. It is [illegible] that the overlap area was included in a lease agreement between Shattuck Denn and Vitro.

As to whether Four Corners Oil & Minerals Co. has relinquished the Dede, et al, claims, we suggest that this could best be clarified through direct communication with their office in Denver, Colorado.

Very truly yours,

VITRO CHEMICAL COMPANY

JDM:dw

James D. Moore
Manager, Western Operations

Building 20 - Federal Center
Denver 25, Colorado

April 29, 1963

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C.

From: Acting Field Officer, OME, Region III

Subject: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., Claims)
Emery County, Utah

EXTRA COPY
O. M. E
RECEIVED MAY 1 1963
DATE
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This responds to Mr. Griswold's memorandum dated April 25, 1963 on the subject contract.

My information on the subject property was given me in part by Mr. A. E. Dearth, Chief Geologist, Texas-Zinc Minerals Corporation in his office at 1126 East Colorado Avenue, Grand Junction, Colorado. My other informer is an employee of the Atomic Energy Commission whose name I prefer not to disclose.

The story was essentially the same from both informers and is as follows:

> The mine foreman for Shattuck Denn Mining Corporation, unbeknownst to Shattuck Denn, mined the ore from the area in dispute and stockpiled it on the surface. When the mine foreman shipped the ore, he used his name as shipper but gave a claim name of which the AEC had no record. As a result of this mixup, Shattuck Denn discovered what had been going on and they hastened to settle with Rowland for $20,000.00 and fired their mine foreman.

Original signed by

Hugh M. Connors

MME FORM 6 REFERENCE SLIP

REV. 2-59 OFFICE OF MINERALS EXPLORATION

TO:	DATE	INITIALS
1. Talbert		
2.		
3.		
4.		
5.		
FROM: Fumich		

FOR: Check items for action desired

____ Action ____ Reply for signature of ____

____ Approval ____ Investigate ____ Surname

____ Comment ____ Recommendations ____ Signature

____ Conference ____ Rewrite ____ File

____ Instructions ____ Your information

REMARKS: I believe, after a perusal of the file, that we should let the Associate Solicitor take a look at the file and the letter. This thing looks like it's going to be a legal matter sooner or later so we might as well let him get in on the act early so that he can advise and be advised.

SJB

INT.-DUP. SEC., WASH., D.C. M56300-62

O. M. E
RECEIVED MAY 1 1963

APR 29 1963

Vitro Chemical Company
400 West 33rd South
Salt Lake City 15, Utah

Re: DMSA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dade, et al., Claims
Emery County, Utah
Contract Ydm-2792

Gentlemen:

The referenced exploration contract provides that Uranium Prospectors Company, Ltd., as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder, i.e., Dade Nos. 1 through 8, Fox Nos. 1 through 3, and Simon J. Nos. 1 and 2 claims. As successor by merger, the Vitro Chemical Company is presently the principal or surety, as circumstances may indicate, for payment of the Government's royalty.

The Government has never received any royalty under the contract. We have recently been informed, however, that production has occurred from a portion of the land thereunder. More specifically, it appears that Shattuck Denn Mining Corporation or its lessee attributed this production to the Little Lil, Jerry Boy Fraction No. 1, or Jerry Boy Fraction No. 2 claims which overlap certain of the claims under the exploration project contract. Furthermore, we understand that this overlap area was included in a lease executed between the Shattuck Denn Company and the Vitro Corporation of America on March 21, 1962.

It appears that Vitro Chemical Company, possibly as principal and certainly as surety, is obligated to pay the Government's royalty on the production from the overlap area. Accordingly, your prompt advice and accounting in the matter is solicited.

We also understand that all of the claims subject to this exploration project contract have been relocated by Four Corners Oil and Minerals Company. Your confirmation or correction of this information will be appreciated.

Sincerely yours,

George Fumich, Jr.

Director

ED/Talbert/mmm/mm
4/25/63
cc: Director's Reading File
Region III (2)

Docket
Code 300

COPY
O. M. E
RECEIVED MAY 1 1963

APR 29 1963

Mr. David A. Rowland
Box 2987
Stockton, California

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dade, et al., Claims
Emery County, Utah
Contract Lim-4782

Dear Mr. Rowland:

Reference is made to your November 30, 1962, letter and subsequent correspondence, relating to the overlap of the Little Lil, Jerry Bay Fraction No. 1, and Jerry Bay Fraction No. 2 claims on certain of the claims included in the Consent to Lien executed by you on April 9, 1955.

This Consent to Lien, which was executed in consideration of and as an inducement for the Government to enter into the referenced contract, grants to the Government a lien on your interest in the land and any production of minerals from such land. The Consent to Lien also provides that you will not commit any act in conflict therewith and that advance notice will be given to any transferee of your interest.

It appears from the October 23, 1962, stipulation between you and the Shattuck Denn Company and Shattuck Denn Mining Corporation that you, in effect, quit-claimed your interest in the overlap strip and received a sum of money in consideration thereof. The stipulation, however, does not mention the lien granted to the Government.

Your November 30, 1962, letter states that ore was shipped from the overlap strip but was attributed to the Shattuck Denn property. Under provisions of the referenced exploration contract, a royalty on such production is payable to the Government and the Consent to Lien was executed to secure the payment thereof.

Your prompt advice as to the quantity and value of production from the overlap strip, the name of the producer, and your intentions regarding the royalty payable is solicited.

We also understand that you have lost all of the claims under the contract and Consent to lien through failure to file proof of labor and that the claims have been voluntarily by Four Corners Oil and Minerals Company. Your confirmation or correction of this information is solicited.

Sincerely yours,

George Fumich, Jr.

Director

RDTalbert/mm/mm
4/25/63
cc: Director's Reading File
Region III (2)
Docket
Code 300

APR 2 5 1963

Memorandum

To: Acting Field Officer, Region III

From: Acting Chief, Division of Field Operations

Subject: DMEA-3070 (Uranium)
Uranium [illegible] Company, Ltd.,
[illegible] Claims
[illegible], Utah
Contract [illegible]

We agree that the information supplied by your April 19 memorandum on the subject contract may require referral to the Office of the Associate Solicitor. Such referral until more definite or cumulative data are developed, may, however, be premature.

As the first steps, we have prepared the enclosed letters to Mr. Rowland and the Vitro Chemical Company. If you concur in the contents, please date and forward the originals and courtesy copies to the addressees and make the usual distribution of the other copies. If you do not concur, please return originals and copies with your comments and recommendations.

We also will appreciate being advised as to the amount of production from the overlap area, if such has been developed from the A.E.C. records, inspection of the property, or otherwise. Also, if not betraying a confidence, advice as to the source of your information and any additional details available to you will be helpful.

Incidentally, the alleged $20,000 payment received by Mr. Rowland may not have been for "ore which was removed from the disputed area", but possibly the "sum of money" referred to in the last "whereas" clause in the October 23, 1962, stipulation, whereby Mr. Rowland released his interest in the overlap area.

Enclosures

EDTalbert/[illegible]
cc: Director's Reading File
Review Committee
Docket
Code 300

ROUGH DRAFT
EDTalbert/ama
4-25-63

Memorandum

To: Acting Field Officer, Region III

From: Chief, Division of Field Operations

Subject: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

We agree that the information supplied by your April 19 memorandum on the subject contract may require referral to the Office of the Associate Solicitor. However ~~Such referral~~ until more definite or conclusive data ~~xx~~ are developed, such referral ~~may be premature~~ be premature.

~~As the first steps,~~ We have prepared the enclosed letters to Mr. Rowland and the Vitro Chemical Company. If you concur in the contents, please date and forward the originals and courtesy copies to the addressees and make the usual distribution of the other copies. If you do not concur, please return originals and copies with your comments and recommendations.

We ~~also~~ will appreciate being advised as to the amount of production from the overlap area, if such has been developed from the A.E.C. records, inspection of the property, or otherwise. Also, if not betraying a confidence, advice as to the source of your information and any additional details available to you will be helpful.

Incidentally, the alleged $20,000 payment received by Mr. Rowland may not have been for "ore which was removed from the disputed area", but possibly the "sum of money" referred to in the last "whereas" clause in the October 23, 1962, stipulation, whereby Mr. Rowland released his interest in the overlap area.

Enclosures

ROUGH DRAFT
EDTalbert/sma
4-25-63

Mr. David A. Rowland
Box 3927
Stanford, California

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Dear Mr. Rowland:

Reference is made to your November 30, 1962, letter and subsequent correspondence, relating to the overlap of the Little Lil, Jerry Boy Fraction No. 1, and Jerry Boy Fraction No. 2 claims on certain of the claims included in the Consent to Lien executed by you on April 9, 1955.

This Consent to Lien, which was executed in consideration of and as an inducement for the Government to enter into the referenced contract, grants to the Government a lien on your interest in the land and any production of minerals from such land. The Consent to Lien also provides that you will not commit any act in conflict therewith and that advance notice will be given to any transferee of your interest.

It appears from the October 23, 1962, stipulation between you and the Shattuck Denn Company and Shattuck Denn Mining Corporation that you, in effect, ~~quit-claimed~~ released your interest in the overlap area and

received a sum of money in consideration thereof. The stipulation, however, does not mention the lien granted to the Government.

Your November 30, 1962, letter states that ore was shipped from the overlap area but was attributed to the Shattuck Denn property. Under provisions of the referenced exploration contract, a royalty on such production is payable to the Government and the Consent to Lien was executed to secure the payment thereof.

Your prompt advice as to the quantity and value of production from the overlap area, the name of the producer, and your intentions regarding the royalty payable is solicited. ~~Such advice may avoid the necessity of legal action on the part of the Government under the Consent to Lien executed by you.~~

We also understand that you have lost all of the claims under the contract and Consent to Lien through failure to file proof of labor and that the claims have been relocated by Four Corners Oil and Minerals Company. Your confirmation or correction of this information is solicited.

Sincerely yours,

Director

ROUGH DRAFT
EDTalbert/ama
4-25-63

Vitro Chemical Company
600 West 33rd South
Salt Lake City 15, Utah

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Gentlemen:

The referenced exploration contract provides that Uranium Prospectors Company, Ltd., as principal if the producer or as surety if not the producer, shall pay to the Government a percentage royalty on all minerals produced from the land thereunder, i.e., Dede Nos. 1 through 8, Pee Wee Nos. 1 through 3, and Simon J. Nos. 1 and 2 claims. As successor by merger, the Vitro Chemical Company is presently the principal or surety, as circumstances may indicate, for payment of the Government's royalty.

The Government has never received any royalty under the contract. We have recently been informed, however, that production has occurred from a portion of the land thereunder. More specifically, it appears that Shattuck Denn Mining Corporation or its lessee attributed this production to the Little Lil, Jerry Boy Fraction No. 1, or Jerry Boy Fraction No. 2 claims which overlap certain of the claims under the exploration project contract. Furthermore, we understand that this overlap area was included in a lease executed between the Shattuck Denn Company and the Vitro Corporation of America on March 21, 1962.

It appears that Vitro Chemical Company, possibly as principal and certainly as surety, is obligated to pay the Government's royalty on the production from the overlap area. Accordingly, your prompt advice and accounting in the matter is solicited.

We also understand that all of the claims subject to this exploration project contract have been relocated by Four Corners Oil and Minerals Company. Your confirmation or correction of this information will be appreciated.

Sincerely yours,

Director

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E.
RECEIVED APR 22 1963
DATE | INITIALS | CODE
800

~~April 19, 1963~~

Memorandum

To: George C. Selfridge, Chief
Division of Field Operations, OME
Washington 25, D. C

From: Acting Field Officer, OME, Region III

Subject: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., Claims)
Emery County, Utah

I have just returned from a trip to the Colorado Plateau Area and I am told, on what I believe to be good authority, that the Dede, et al., Claims have been jumped by the Four Corners Oil and Minerals Company. I understand that Mr. D. A. Rowland failed to report his Proof of Labor on these claims for two years in succession.

I also understand that Shattuck-Denn settled with Mr. Rowland out of court and paid him $20,000.00 for ore which was removed from the disputed area. Our records show no royalty was received from Mr. Rowland on this deal and a review of the file indicates, in Mr. Rowland's letter to me dated November 30, 1962, that all of the facts were not disclosed.

This whole thing seems to call for some legal action. Will you please advise.

Original signed by

Hugh M. Connors

Building 20 - Federal Center
Denver 25, Colorado

December 3, 1962

RECEIVED		
DATE		
		800

Mr. David A. Rowland
8105 West 16th Place
Denver 15, Colorado

Re: DMEA-3620 (Uranium)
Contract I4n-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

Dear Mr. Rowland:

Thank you for your letter of November 30, 1962 and the Stipulation which you enclosed.

I am forwarding your letter and the Stipulation to the Washington Office OME for their comments.

Yours very truly,

Hugh M. Connors
Acting Field Officer, OME
Region III

cc Chief, Division of Field Operations, OME
with orig. and one copy Mr. Rowland's letter dated 11/30/62.
Royalty Corres. E792
Chron
HMC/lm

E. A. RUVELS, JR.
SUITE 220, C. A. JOHNSON BLDG. O TAbor 5-8103 O DENVER 2, COLORADO

November 30, 1962

OME
DEPARTMENT OF THE INTERIOR
REGION III
DENVER COLORADO

Mr. Hugh M. Connors
Acting Field Officer, OME
Region III
Building 20 - Federal Center
Denver 25, Colorado

E792

Dear Mr. Connors:

This is to advise you that I have settled out of court the dispute over the boundary issue concerning my Green River mining property. I am enclosing herewith a copy of the settlement agreement you requested.

Please note that we made no attempt to settle the factor of title to the property. I have been advised that this would entail another suit to be held in the state of Utah since Colorado does not have jurisdiction in this matter. Moreover, there appears to be a big question regarding "discovery" which makes the validity of my mining claims as highly questionable. Here again, a court ruling would be necessary to determine the ownership of the property from which ore was shipped.

Inasmuch as the ore shipped from the overlap area was attributed to the Shattuck Denn property, reduction of the DMEA loan on the Dode, et al, claims is not possible. We are still hopeful, however, of operating this property where the DMEA drilling uncovered good ore showings. As you are well aware, the policies of the AEC dictate to a large extent the commercial potential of a given property. It appears to us that their interest should be supported by other government agencies, such as the OME, which will assist in the recovery of investment loans such as that made on my property by the DMEA. I will appreciate learning of your comments in this regard.

Very truly yours,

David A. Rowland

David A. Rowland

DAR/cb

Enclosure

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E.
RECEIVED JUL 14 1961
DATE | INITIALS | SUBJ.
800

July 11, 1961

Memorandum

To: File

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: DMEA-3620 (Uranium)
Contract Idm E792
Uranium Prospectors Company, Ltd.
(Dade, et al., claims)
Emery County, Utah

Mr. Rowland telephoned this morning and stated that he is making every effort to ascertain if Four Corners and/or Shattuck Denn Company are mining and removing ore from the area in conflict.

He promised to keep us advised.

Original signed by

Hugh M. Connors

HMC/lm
cc Chief, Division of Field Operations, OME
Royalty Corres E792
Chron

Building 20 - Federal Center
Denver 25, Colorado

EXTRA COPY
O. M. E
RECEIVED APR 7 1961
DATE
800

April 4, 1961

Memorandum

To: File

From: Hugh M. Connors, Acting Field Officer, OME, Region III

Subject: DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al., claims)
Emery County, Utah

Mr. Rowland called me this morning and stated that Shattuck Denn Company informed him that they are experiencing difficulties in the sale of uranium ore and unless they can get an increase in their allotment they will not be interested in developing the subject claims.

Mr. Rowland stated that he would contact the AEC regarding the ore allotment and he will keep us advised.

Hugh M. Connors

HMC/lm
cc Chief, Division of Field Operations, OME
Idm E792
Chron

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O. M. E.
RECEIVED MAR 20 1961

DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado

March 15, 1961

David A. Rowland
8105 W. 16th Place
Denver 15, Colorado

Re: Docket No. DMEA-3620 (Uranium)
Contract Idm E792
Uranium Prospectors Company, Ltd.
(Dede, et al. claims)
Emery County, Utah

Dear Mr. Rowland:

I have received no reply to my letter to you dated February 15, 1961 regarding your boundary dispute. I am anxious to know the source of the ore which you think was shipped in September, 1960.

Will you please advise.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME (2)
Contract Corres. E792
Chron

See Connor's memo 3/20/61 w/attachments re Docket file
Claim dispute involves E1099

Building 20 - Federal Center
Denver 25, Colorado

February 15, 1961

EXTRA COPY
O. M. E
RECEIVED FEB 17 1961
DATE | INITIALS | CODE
800

Mr. David A. Rowland
8105 W. 16th Place
Denver 15, Colorado

Re: Docket No. DMEA-3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Company, Ltd.
(Dede, et al claims)
Emery County, Utah

Dear Mr. Rowland

Thank you for the copies of your lease agreement with M.R.B. Mining and Exploration Company and the letter cancelling the lease, dated December 6, 1960.

Following our telephone conversation, I made a search of records which are available to us on all shipments of uranium ore during the third and fourth quarters of 1960. The records show no production from the Dede, Simon J, and Pesse claims. Your statement that the lease to M.R.B. Mining and Exploration Company has been assigned several times to Noble, Radium Mill, and Shattuck-Denn Company and your statement that some of your claims have been over-staked, indicates that the shipment of ore of which you have knowledge possibly came from some of the over-staked area and was shipped under a different claim name.

Will you please advise what action you are taking to settle this boundary dispute and to determine the source of the ore which you think was shipped in September 1960.

Yours very truly,

Original signed by

Hugh M. Connors
Acting Field Officer, OME
Region III

HMC/lm
cc Chief, Division of Field Operations, OME (2) w/copies of Lease Agreement and Letter (2)
Contract Corres. E792
Chron

OFFICE OF MINERALS EXPLORATION
BLDG. 20, FEDERAL CENTER
DENVER 25, COLORADO

December 28, 1959

Memorandum To the Files

Subject: Docket No. DMEA 3620 (Uranium) Contract Idm-E192
Uranium Prospectors Company, Ltd. (Dede, et al. claims)
Emery County, Utah

Mr. Rowland phoned this office and stated that the property is not being worked at the present time, and Vitro Corporation has pulled out. He said that he contemplates driving 1200 feet of drift from a neighboring shaft to reach the ore discovered by DMEA drilling if he can raise the money.

He promised to advise this office every six months the status of the property.

H. M. Connors

His new address is: David A. Rowland
c/o Colorado School of Mines
Golden, Colorado

HMC:ltm

cc: Chmn. Op. Comm. (2)
Roy. Corres.
Chron.

EXTRA COPY
O. M. E
RECEIVED DEC 31 1959

DATE	INITIALS	CODE
		800

Building 20 - Federal Center
Denver 25, Colorado
December 22, 1959

Mr. David A. Rowland
703 15th Avenue
San Francisco, California

Re: Docket DMEA 3620 (Uranium)
Contract EMm-E792
Uranium Prospectors Company, Ltd.
(Rude, et al. claims)
Emery County, Utah

Dear Mr. Rowland:

Will you please advise if the lease to the Uranium Prospectors Company, Ltd., signed by you on the 13th day of June 1957, is still in effect. Also what is the present status of the property.

Very truly yours,

Original signed by

J. W. Townsend
Executive Officer, OME
Field Team, Region III

EWC:ltm

cc: Chem. Op. Comm. (2)
Roy. Corres. E792
Chron.

EXTRA COPY
O. M. E.
RECEIVED 1959
DATE | CODE
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JUN 19 1959
O.M.E.

OFFICE OF MINERALS EXPLORATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF ROYALTY REVIEW

I have reviewed the files of the Executive Officer, OME Field Team, Region III, Denver, Colorado pertaining to Contract Ida-8792, Docket No. DMEA 3620, dated April 28, 1955, with

Uranium Prospectors Company, Ltd.
718 North 9th Street
Grand Junction, Colorado

for the purpose of determining the amount of royalties due the U. S. Government on the sales of Uranium, from property referred to as South Rowland Group, located in Emery County, Utah, during the period April 28, 1955 to June 16, 1959.

A Certification of Discovery or Development was issued on November 23, 1955, and accordingly royalty is payable on all production from the land described in Article 2 of the contract for a maximum period of 10 years from the date of the contract. A Report of Review in lieu of Final Cost Audit dated September 7, 1955, indicated accepted costs under the exploration contract amounting to $27,926.85, with the Government's contribution on a 75 percent basis being $20,945.14.

No royalty has been paid to the Government to date in connection with this contract.

This review was made in lieu of an on-site audit of the Operator's accounts and records for the following reasons:

(a) According to the Field Team's Semi-Annual Report of certified project for the period July 1, 1955 to December 31, 1955, operation ceased about July 31, 1955; no ore has been shipped since April 28, 1955, (The date of the exploration contract). Subsequent semi-annual reports of Field Team during the period January 1, 1956 to December 31, 1958, indicate the property inactive and no operations or ore shipments are anticipated in 1959.

(b) The administrative costs to the Government of an on-site royalty audit at this time would be excessive in relation to the amount of possible royalty which might be disclosed.

June 16, 1959

Donald T. Finch
Donald T. Finch
OME Auditor

JUN 22 1959

Memorandum

To: Mr. Donald T. Finch, OME Auditor

From: E. D. Talbert, Acting Chief (Signed) E. D. Talbert
Contract Administration and Audit Division

Subject: Docket No. DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Contract No. Idm-E792

Your Report of Royalty Review on the subject contract is acceptable and distribution of the regional copies is authorized.

EDTalbert/ama
June 22, 1959

Copies to: Docket
Director's Reading File
Code 800

224 New Customhouse
Denver 2, Colorado

June 11, 1959

EXTRA COPY
A. E. C.
RECEIVED JUN 15 1959

DATE	INITIALS	WORK
		800

Mr. David A. Rowland
8105 W. 16th Place
Denver 15, Colorado

Re: Docket DMRA 3620 (Uranium)
Contract Idm-E792
Uranium Prospectors Co., Ltd.
(Dede, Simon J., and Peesee
mining claims)
Emery County, Utah

Dear Mr. Rowland:

This will acknowledge receipt of your letter of June 10, 1959, giving a resume of transactions concerning the captioned claims.

Please forward this office three copies of each lease now in effect on the property, except the Todd Lease.

In accordance with your request, attached is a photostat of the Consent to Lien signed by you April 9, 1955.

Very truly yours,

Original signed by
J. W. TOWNSEND

J. W. Townsend
Executive Officer
OME Field Team, Region III

Enclosure

HMC:jy

cc: Chm. Op. Comm. (2)
Roy. Corres. E792
Chron.

DAVID A. ROWLAND
~~P. O. BOX 7841~~
~~UNIVERSITY STATION~~
~~AUSTIN 12, TEXAS~~

1104 W 16th Place
Denver 15, Colorado

OME
DEPARTMENT OF THE INTERIOR
JUN 11 1959
REGION III
DENVER, COLORADO

June 10, 1959

Mr. T. W. Townsend
Executive Officer
OME Field Team, Region III
224 New Customhouse
Denver 2, Colorado

Dear Mr. Townsend:

In accordance with your recent request, I submit the following resume of transactions made concerning the Dede, Simon J, and Peewee mining claims located in Emery County, Utah. I believe, however, the Salt Lake Office of the USBM has been receiving information concerning these claims from the Vitro Uranium Company of the same City.

The Vitro Uranium Company acquired the holdings of the Uranium Prospectors Company, Ltd., in early 1955. Originally, the U. P. Co. Ltd. was a subsidiary of Vitro Uranium Company. However, on July 31, 1958, the U.P.Co., Ltd. was dissolved and the Vitro Corporation of America assumed the obligations of my lease with the U. P. Co. On April 27, 1959 a portion of the claims contained in this lease agreement were released to me and are the ones now leased to the Todd Engineering Company. I have a letter stating the remainder of this group will be released upon my request. Vitro has first call for the ore produced from these claims for their mill in Salt Lake City, however.

On March 21, 1957, the Vitro Uranium Company terminated the lease in existance at that time. A new lease was made with the same company covering the same claims with the exception of the Peewee #3 claim on June 10, 1957.

The future of this property may depend to a large extent on the ability of Mr. Todd to acquire financial assistance for development and exploration work.

A conflict with the Four Corners Company's adjacent property has arisen with a portion of the above mentioned claims in that they have moved the boundary of one claim and staked another full claim over these claims. Efforts are being made to eliminate this conflict.

Kindly send a copy of the Consent to Lien, signed by me on April 9, 1955, which you referred to in your letter of June 2, 1959.

Very truly yours,

David A. Rowland

David A. Rowland

EXTRA COPY
O. M. E.
RECEIVED JUN 15 1959

DATE	INITIALS	CODE

DEFENSE MINERALS EXPLORATION ADMINISTRATION
CONTRACT ADMINISTRATION AND AUDIT DIVISION

REPORT OF REVIEW

RECEIVED
SEP 1 1955

I have reviewed the Monthly Reports of:

Uranium Prospectors Company, Ltd.
718 North Fifth Street
Grand Junction, Colorado

pertaining to Exploration Project Contract No. Idm-E792, Docket No. DMEA-3620, for the months of May, 1955 to July, 1955, inclusive, covering a project for the exploration of Uranium on property known as the South Rowland Group, located in Emery County, approximately 17 miles southwest of Green River, Utah.

My review included an examination of the Monthly Reports (Form MF-104) and supporting documents attached thereto, comparison of the costs claimed with the contract and pertinent schedules, conference with the Executive Officer, DMEA Field Team, Region III, and a determination of the reasonableness and propriety of the costs.

This review was made in lieu of a final audit of the Operator's accounts and records for the following reasons:

(a) The administrative cost to the Government of an audit would be excessive in relation to the value of the estimated amount of possible further disallowances thereunder

(b) The Monthly Reports were supported by documentary proof of the costs incurred under the contract's provisions for contribution by the Government on the basis of actual costs incurred.

(c) A major portion ($19,802.10) of the accepted costs covered work performed at unit rates under independent contracts; and

(d) The balance of the accepted costs were under a contract provision for payment by the Government on the basis of fixed unit costs for work actually performed.

The review disclosed the following facts in regard to the amount paid or to be paid the contractor:

Total cost as billed by Contractor		$27,943.05
Exceptions: (Schedule attached)		
By DMEA Finance Officer	$ 0.00	
Herewith	16.20	16.20
Total Accepted Cost		$27,926.85

The contract calls for a 75% participation of exploration expenses by the United States Government. Therefore, payment to the contractor by the Government in the amount of Twenty thousand, nine hundred forty-five and 14/100ths Dollars
** $20,945.14 **
is considered valid and proper, provided that the Regional Executive Officer, the Administrator, or other competent official has accepted or will accept the project as having otherwise met the terms of the contract.

September 7, 1955

Donald T. Finch

Donald T. Finch, Auditor

URANIUM PROSPECTORS COMPANY, LTD.

DOCKET NO. DMEA-3620 CONTRACT IDM-E792

Schedule of Disallowances

Disallowed by Audit:

Overcharge:	4 Feet Core Drilling @ $3.30 per ft.	$13.20	
	Incidental Allowance, 4 Feet @ 75¢ per ft.	3.00	
	TOTAL		$16.20

Independent contract invoiced Hole No. A5(a) at 491 feet, whereas Well Log showed the total depth of this hole to be 487 feet. The Executive Officer, DMEA Field Team, Region III, concurs with the Auditor in the disallowance of the excess footage at the core-drilling rate of $3.30 per foot.

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

RECEIVED
SEP 1 3 1955

224 New Customhouse
Denver 2, Colorado

September 13, 1955

Mr. E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Uranium Prospectors Co., Ltd. - Report of Review
Docket No. DMEA-3620, Contract No. Idm-E792

Dear Mr. Talbert:

Enclosed are three copies of the subject report for your office which have been amended as directed in your letter dated September 9, 1955.

I am chagrined that I overlooked reasons (a) and (b), as set forth in your letter. Frankly, it had been so long since I had prepared a Report of Review that I was rusty. As you know, I have been devoting the major portion of my efforts during recent months to royalty audits.

Sincerely yours,

Donald T. Finch

Donald T. Finch, Auditor

Encs.

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

Mr. Donald T. Finch
DMEA Auditor
224 New Customhouse
Denver 2, Colorado

SEP - 9 1955

Re: Uranium Prospectors Co., Ltd.
Docket No. DMEA-3620
Contract No. Idm-E792

Dear Don:

Returned herewith for necessary revision are the copies of your Report of Review, covering the referenced contract, as transmitted by your letter of September 7, 1955.

Please refer to item (K) on page 70 of the Manual of Audit Procedure, wherein it is stated that reasons (a) and (b), or acceptable variations thereof, must be given in every case where all or any portion of the costs are under contract provisions for contribution by the Government on the basis of "actual" costs. Also note item (d).

It is suggested that the reasons in the third paragraph of this Report of Review be revised to read substantially as follows (provided they are correct statements of the facts):

(a) the administrative cost to the Government of an audit would be excessive in relation to the value of the estimated amount of possible further disallowances thereunder;

(b) the Monthly Reports were supported by documentary proof of the costs incurred under the contract's provisions for contribution by the Government on the basis of actual costs incurred;

(c) a major portion ($19,802.10) of the accepted costs covered work performed at unit rates under independent contracts; and

(d) the balance of the accepted costs were under a contract provision for payment by the Government on the basis of fixed unit costs for work actually performed.

If your concur with the above and the Report is redrafted accordingly, release of the regional copies is authorized.

It is presumed that you have verified through reference to interim field team reports and conferences with the engineer or Executive Officer that the units of work have been satisfactorily performed. Accordingly, there appears no reason for withholding release of the regional copies until the "Field Team indicates final acceptance of the work." This is a Field Team responsibility per the "or will accept" language in the last paragraph of the Report of Review.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

Enclosure

EDTalbert/wb
September 9, 1955

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

RECEIVED
SEP 8 1955

824 New Customhouse
Denver 2, Colorado

September 7, 1955

Mr. E. D. Talbert, Acting Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Uranium Prospectors Co., Ltd.
Docket No. DMEA-3620 (Uranium)
Contract Idm-E792

Dear Mr. Talbert:

Enclosed are three copies of Report of Review with attached schedule of audit disallowances. Distribution is being deferred pending approval of your office.

The Operator's final report has been received but the final engineering report has been delayed. Therefore, if your office approves the report as submitted, distribution to the Executive Officer will be further deferred pending receipt and review of the final engineering report, unless you direct otherwise.

A final payment to the Operator of $500.00 has been withheld by the Finance Officer pending final acceptance of the work performed.

The Report of Review is being submitted at this time in order to expedite release to the field when the Field Team indicates final acceptance of the work, and also to avoid the possibility of the matter being delayed while I am on annual leave in October.

Sincerely yours,

Donald T. Finch

Donald T. Finch, Auditor

Encls.

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

224 New Customhouse
Denver 2, Colorado

October 19, 1955

Mr. J. L. Chambers, Chief
Contract Administration and Audit Division
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Uranium Prospectors Company, Ltd.
Contract Idm-E792, Docket No. DMEA-3620

Dear Mr. Chambers:

In compliance with your request of October 13, 1955, enclosed are two copies of voucher covering final payment of $487.84 on subject contract.

Sincerely yours,

T. H. Brading

T. H. Brading, Auditor

Encls.

1 copy sent to
Rare & Mine Metals Div
Talbot
10/24/55

224 New Customhouse
Denver 2, Colorado

September 15, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 3620 (Uranium), Contract Idm-E792, Uranium Prospectors Company, Ltd., Emery County, Utah - FINAL PAYMENT

Reference is made to our memorandum of August 24, 1955 whereby we sent Form MF-104, Operator's Monthly Progress Report and Voucher for the period of July, 1955 and instructed you to withhold the amount of $500.00 from reimbursement to the Operator pending receipt of the Operator's final report and the final Audit Report by the Contract Administration and Audit Division.

The Operator's final report has been received in this office and the final Report of Review by the Contract Administration and Audit Division was released to this office on September 13, 1955. We now recommend that payment to the Operator be made in conformance with the Report of Review as follows:

Basis for Final Payment

Total Accepted Costs as per Report of Review	$27,926.81
Government participation at 75 percent	20,945.14
Total Prior payments	20,457.30
Due the Operator	$ 487.84

The Operator should be informed by means of an Administrative Audit Difference Statement that the difference between the $500.00 which was withheld from payment due him and the $487.84 now approved is 75 percent of a disallowance as recommended in the Report of Review. This disallowance was made on the basis that drill hole No. A-5(a) was shown on the geologic core-log sheet, attached to the June, 1955 progress report, as bottomed at 487 feet rather than the reported 491 feet. Total costs disallowed amount to $16.20.

WLD:prl
cc: Secretary, Operating Committee (2)
MF-104 files Idm-E792
~~Shaw (2)~~ Wilson
Townsend
Chron.

W. M. Traver

Paid 487.84
RRC

Randel R. Cooper
Authorized Certifying Officer

SEP 1955 DMA J 6-28

RECEIVED
OCT 20 1955

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

Administrative Audit Difference Statement

Date: ~~September 20, 1955~~
Payee's
Reference: Final Report

Uranium Prospectors Company Ltd
718 North Fifth Street
Grand Junction, Colorado

Gentlemen:

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

Amount Claimed	$ 500.00
Difference	$ 12.16
Amount Approved	$ 487.84

The reason for the difference was due to:

The difference between amount of $500.00 withheld from last report and amount of payment herewith is due to disallowance of 4 feet of core drilling at $3.30 per foot plus incidental allowance of $ .75 per foot, a total of $16.20 made by the DMEA auditor in his final report of review. The independent contract invoiced hole no. A5(a) at 491 feet whereas the Well Log showed the depth of this hole to be 487 feet. 75% of $16.20 is $12.16.

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

Very sincerely yours,

N. E. Stokes
Audit Section

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

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

U. S. Bureau of Mines
RECEIVED
AUG 1 1955
Salt Lake City, Utah

Budget Bureau No. 42-R1036.5

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

RECEIVED
AUG 29 1955

Month of July, 1955 Docket No. DMEA 3620 Contract No. Idm-E792
Operator's Name Uranium Prospectors Company, Ltd. Minerals Uranium
Address 718 North 5th St., Grand Junction, Colorado
Contract Amount, $ 32,742.50 Government Participation: 75 % Amount, $ 24,556.90

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	8,504.10	11,025.20	19,529.30			
Bulldozing	78.00	208.00	286.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	20.00	70.00	90.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
Incidental allow., F.U. costs per contract Exhibit A	3,840.75	4,197.00	8,037.75			
TOTALS	12,442.85	15,500.20	27,943.05	12,442.85	15,500.20	27,943.05

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

Date July 29, 1955 *Payee Uranium Prospectors Co., Ltd.

Per [signature] Title Vice President

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

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

(Instructions on reverse)

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

$ 8,832.14

Signature [signature]
(Authorized Certifying Officer)

Date 8/25/55 Vou. No. DMA-56-19

(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. Sdm-E792 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date Aug. 15, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature W. M. Inman Title Executive Officer Date AUG 24 1955

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 "Month Total" amount due. "Totals Previously Reported", "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

U. S. Bureau of Mines
RECEIVED
AUG 1 1955
Salt Lake City, Utah

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
AUG 29 1955

Month of July 1955 Docket No. DMEA 3620 Contract No. Idm-E792
Operator's Name Uranium Prospectors Company, Ltd. Minerals Uranium
Address 718 North 5th St., Grand Junction, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	ft.	782.10	237	5,233.80	1,586	3.30	1,490	$ 3.50
Non-core Churn 0' - 300'	ft.	4,950.00	3,300	10,102.50	6,735	1.50	9,950	1.75
Non-core Auger 300 -650'	ft.	2,772.00	1,584	4,193.00	2,396	1.75		
~~Stripping~~ Reservoir Const	hr.	-0-					5	13.00
~~Trenching~~ Incid. Allow.	ft.	3,840.75	5,121	8,037.75	10,717	.75	11,440	.75
~~Test Pits~~ Analysis	sample	20.00	4	90.00	18	5.00	60	5.00
Roads and Trails	hr.	18.00	1½	126.00	10½	12.00	75	13.00
Drill site constr.	hr.	60.00	5	160.00	13 1/3	12.00	15	13.00
TOTAL DISTRIBUTED COSTS		12,442.85		27,943.05				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		12,442.85		27,943.05				32,742.50

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

REMARKS:

Date July 29, 1955 Operator Uranium Prospectors Co., Ltd.

Per [signature] Title Vice 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)

(For Government use only)

W. E. Young
Mining Engineer JPW

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

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

RECEIVED
AUG 29 1955

Administrative Audit Difference Statement

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

[illegible] 1955

[illegible]
[illegible]
[illegible], Colo.

[illegible]

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

Amount Claimed $ [illegible]

Difference $

Amount Approved $ [illegible]

The reason for the difference was due to:

[illegible]

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

Very sincerely yours,

[illegible]
N.E. Stokes
Audit Section

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

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

RECEIVED
AUG 29 1955

224 New Customhouse
Denver 2, Colorado

August 24, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3620, (Uranium), Contract Idm-E792, Uranium Prospectors Company, Ltd., Emery County, Utah - Operator's Monthly Progress Report, for the period July, 1955.

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

Work has been completed as authorized by the contract. No documentation is required for work performed under contracts prepared on Form MF-200A, therefore, we recommend that payment be made for 75 percent of the amount reported by the Operator on Form MF-104, contingent on your verification of arithmetical accuracy within the report, except as noted below.

Withhold $500.00 pending receipt of the Operator's Final Report and release of the final Audit Report by the Contract Administration and Audit Division, DMEA.

Remarks
Date of Report- - - - - - - - - - - - - - - - - -July 29, 1955
Date Received in Field Office- - - - - - - - - August 1, 1955
Date Received in Region Office- - - - - - - - August 22, 1955

W. M. TRAVER,

W. M. Traver

Enclosures

JDC:jy

cc: MF-104 File E792
Sec. Opr. Comm. (2)
Wilson
Chron.

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

RECEIVED
AUG 29 1955
DMEA
Date Rec'd.

August 18, 1955

AUG 22 1955
BUREAU OF MINES
Denver, Colorado

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-3035 (Uranium), Contract Idm-2796, Uranium Prospectors Co. Ltd., Emery County, Utah. MF-104 forms for July 1955

Attached are the required copies of the subject contractor's report covering work accomplished during July 1955. The contractor has completed Stage I drilling and has drilled eight holes under Stage II. The contractor considers the work to be completed, although a total of approximately $4,000 remains unexpended. A total of 11 holes was drilled during July.

The project work was inspected by W. K. Young August 12, 1955. Work reported by the contractor was verified by the inspecting engineer. Five of the 11 holes drilled during the period encountered ore-grade mineralization. The other six holes show below-ore-grade mineralization. All work reported is in conformance with the contract.

It is recommended that the project be considered completed and the contract terminated. It is also recommended that the operator be reimbursed by 75 percent of the reported expenditures for July 1955, subject to an audit statement and acceptance of the operator's final report.

The MF-104 forms were received in this office August 1, 1955. Total delay in transmitting the forms to Denver resulted from commitments of the inspecting engineer on other work.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

cc: J. B. Clemmer

S. R. Wilson August 15, 1955

W. E. Young

Docket No. DMEA-3620 (Uranium), Contract Ida-2792, Uranium Prospectors Co. Ltd., Emery County, Utah. Progress report and MF-104 forms for July 1955.

The subject property was inspected August 12, 1955. The progress reported for July 1955 has been made. Three holes were completed in Stage I for a total of 15 holes. The company obtained written authorization to drill Stage II and 8 holes were completed. The company was desirous of using the two remaining holes of Stage I for further offsetting, but were unable to retain the drilling equipment for the length of time necessary to procure an amendment. Therefore the contract was terminated. Total drilling under contract amounted to 24 holes aggregating 10,727 feet.

Five of the eleven holes drilled during the period encountered ore and six showed mineralization. All holes were probed with the Nuclear counter.

The work done to date indicates an ore body in the 5,000- to 6,000-ton size.

The operator's narrative report and map are considered adequate. MF-104 and 104a forms agree as to monthly cost, total project cost and footages.

It is recommended that the operator be reimbursed for $9,332.14. This is 75 percent of $12,442.85, the amount expended during July 1955.

W. E. Young

W. E. Young

RECEIVED
AUG 29 1955

July 29, 1955

Mr. S. R. Wilson
U.S. Bureau of Mines
1600 East First South Street
Salt Lake City, Utah

Re: Docket DMEA 3620 (Uranium)
Contract Idm-8792

Dear Mr. Wilson:

We submit herewith our third and final monthly progress report of exploration project authorized by above numbered contract.

In accordance with outlined reporting procedures, the following data are attached hereto: (5 copies)

1) Narrative Report
2) Form MF-104 "Operator's Monthly Report and Voucher"
3) Form MF-104A "Operator's Unit Cost and Progress Report"
4) Statement - Cannon Diamond Drilling Company
5) Certificate of Analysis - Brown Laboratory
6) Statement - Black Panther Uranium Company
7) Geologic and Assay Logs, Holes A-10, A-12, A-13, B-1, B-2, B-3, B-4, B-7, B-8, B-9, B-10
8) Progress Map, Showing Drill Hole Locations
9) Drillers Daily Reports

This report covers the period July 1 to July 19, 1955.

Very truly yours,

URANIUM PROSPECTORS CO., LTD.

D. C. Deringer
Vice President

Encl.: Listed above

EXPLORATION PROJECT CONTRACT IDM-E792

URANIUM PROSPECTORS COMPANY, LTD.

DOCKET NO. DMEA 3620

RECEIVED
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PROGRESS REPORT JULY 1-19, 1955

1st STAGE DRILLING

Three 1st stage drill holes were drilled this month to complete 15 of the proposed 17 holes. The remaining two 1st stage holes were not drilled because the operator desired to transfer the drill funds allotted for these two holes to the 2nd stage drill funds for the purpose of drilling more 2nd stage holes around an ore body indicated by previous 1st stage drilling. First stage drill holes completed this month are tabulated below.

Hole No.	Non-Core	Core	Total Depth	Date Completed	Remarks
A-10	445	70	515	7-2-55	Ore
A-13	410	93	503	7-7-55	Mineralized
A-12	400	74	474	7-9-55	Ore
Totals	1,255	237	1,492		
Previous Drilling	4,247	1,349	5,596		
Total 1st Stage	5,502	1,586	7,088		

2nd STAGE DRILLING

The operator proposed 12 non-core holes to be drilled under the 2nd stage. It was learned, however, that because only eight 2nd stage holes were originally authorized by the contract, approval from Washington would be required for the additional four holes. Government approval for the drilling of eight of the proposed holes was granted July 12th. Drilling of these eight holes was completed July 19th. It was not possible to keep the contracted drilling equipment idle at the property pending approval or disapproval of the additional 2nd stage drilling, and the operator does not feel that it would be feasible to move the equipment back for such a small amount of drilling. The operator, therefore, considers the drilling under this contract to be completed.

2nd Stage Drilling (Continued)

Completed 2nd Stage drill holes are tabulated below.

Hole No.	Total Depth	Date Completed	Remarks
B-3	482	7-13-55	Ore
B-2	500	7-14-55	Mineralized
B-1	502	7-15-55	Ore
B-4	489	7-15-55	Mineralized
B-10	414	7-16-55	Mineralized
B-7	411	7-17-55	Ore
B-8	415	7-18-55	Mineralized
B-9	416	7-19-55	Mineralized
Total	3,629		

DRILL SITES AND ACCESS ROADS

Seven hours of bulldozer work was required during the period for the leveling of eight 2nd stage drill sites, and 1½ hours was required for the construction of approximately 100 feet of difficult access road to drill site No. B-9. One hour was charged for moving the equipment to the property.

FINAL REPORT

The final report is now in process, and completion is anticipated prior to August 1st.

Blackenmyer

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CANNON DIAMOND DRILLING CO.

July 20, 1955

STATEMENT

TO: Uranium Prospectors Company
718 North 4th Street
Grand Junction, Colorado

FOR: Drilling July 1 - July 19, 1955

HOLE NO.	0-300	300-650	0-650(Core)
A10	300	145	70
A12	300	100	74
A13	300	110	93
B1	300	202	
B2	300	200	
B3	300	182	
B4	300	189	
B7	300	111	
B8	300	115	
B9	300	116	
B10	300	114	

0-300	3,300 feet	@ $1.50 per foot	$4,950.00
300-650	1,584 "	@ $1.75 " "	$2,772.00
0-650	237 "	@ $3.30 " "	$ 782.10
	5,121		$8,504.10

Cannon Diamond Drilling Co.

Jack R. Bailey

Certified Correct

S. Lemmon

THE BROWN LABORATORY

2263 Broadway
GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

PHONE 1543-W

CERTIFICATE OF ANALYSIS

TO

Uranium Prospector Co., Ltd.
718 No. 5th Street
Grand Junction, Colorado

Date: 7-12-55
Order No.: 3791-S

Material: Ore Samples
Received: 7-11-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
3791-1	337		2.37		1.3
3791-2	338		0.08		20.6
3791-3	339		0.05		15.2
3791-4	340		3.10		15.7

Analyst.

Black Panther Uranium Company

703 LIBERTY BANK BUILDING
OKLAHOMA CITY, OKLAHOMA

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AUG 29 1955

JULY 16. 1955
GREEN RIVER, UTAH.

TO. U.P.CO.LTD.

LABOR PERFORMED DOZING DRILL SITES.

JULY 13th *** 5½ hours
JULY 14th *** 4 hours

TOTAL HOURS ----------9½ Hours @$12.00 Per Hour $114.00

Certified Correct

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-10 ( )
Inclination Vert Bearing down
Total depth 515.0
Collar elev. 4477.4 T P
Area San Rafael Reef

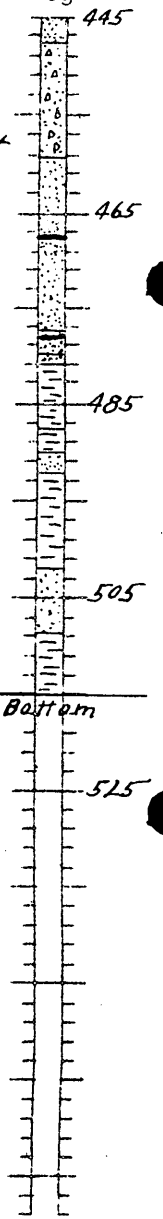
Map coord (T) N 503,572.5 E496,792.9
Map coord (P)
Sec. 22 T. 21S R. 14E
Co., State Emery, Utah

Claim Dede No. 7
Date completed 7-2-55
Date logged 7-2-55
Logged by J. E. Morgan

Rev		
Ed		

Summary of log Mineralized Hole OBSS from 443.0 to 482.0 thick 41.0 ; SS color Wh-Lt. Gy ; MS sparse ; Cbn. some

Graphic log



DRILL LOG Depth	Rec ft.	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		447.7	2.7	100	SS	Wh-Lt. Gy	F-M				Plug bit 0-445; SS penetrated at
		459.1	11.4	100	SS	Wh-Lt. Gy	F-M + Congl	Angular bleached			443; Jmb-Jmsw Contact 443?
								Pbls in Congl.			Ibdd F-M grained SS + C Congl.
464.0	19.0	467.5	12.4	100	SS	Wh-Lt. Gy	F-M		thn sm 460.3		
		467.6	0.1	100	Carbon	Bl			sms		Intense radioactivity in thn vitreous
											asphaltic sms
		477.4	7.8	100	SS	Wh-Lt. Gy	F-V.F				
		478.7	1.3	100	SS	Lt. Gy	M-F				
		478.8	0.1	100	Carbon	Bl			Sm		Moderate radioactivity in carbonaceous
											sm Carbon appears to be portion of
											tree
482.0	18.0	481.1	2.3	100	SS	Lt. Gy	F-F-V.F		SPs 480.7	Some Gn pbls	Well cemented
		482.0	0.9	100	SS	Lt. Gy	V.F				Very well cemented
		487.3	5.3	100	Sts-Ms	Gn					
		490.0	2.7	100	Sts	R+Gn					
		492.6	2.6	100	SS	Lt. Gy to	V.F				Very well cemented
501.0	14.9					R. Br					
		502.2	9.6	50.7	Ms-sts	R+Gn					
		508.8	5.6	100	SS	Lt. Gy to	V.F				Very well cemented
						Lt. R Br					
515.0	6.4	515.0	6.2	0.0	Ms	Gn					Bottom 6.0' of core lost driller
											reports Ms

Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
467.5	0.1	2.37		1.3									468.2	0.1	0.82	
Sample No		337	0.1' actual Core										479.5	0.1	0.04	
478.8	0.2	0.08		20.6									Babbel	probe	Results	
Sample No		338	0.2' actual		Core											

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-10

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AUG 2 9 1955

GEOLOGIC AND ASSAY LOGS

Drillhole No. A-12 ( )
Inclination Vert Bearing down
Total depth 474
Collar elev. 4,483.8 T P
Area San Rafael Reef

Map coord (T) N503,765.0 E496,526.2
Map coord (P)
Sec. 22 T. 21S R. 14E
Co., State Emery, Utah

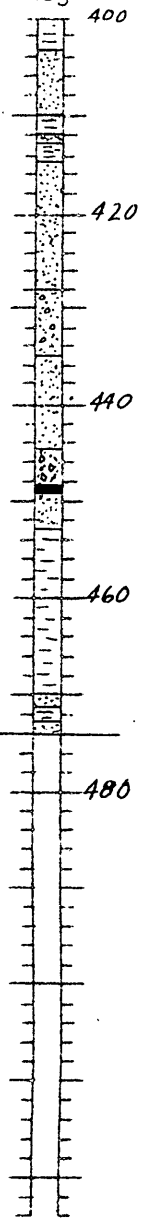
Claim Dede No. 7
Date completed 7-9-55
Date logged 7-10-55
Logged by J.E. Morgan

Rev		
Ed		

Summary of log Ore hole OBSS from 403.7 to 453.5 thick 50.2 ; SS color Wh-Lt. Gy ; MS Sm 3.6' ; Cbn. Some

DRILL LOG Depth	Rec ft.	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		403.7	3.7	0.0	Ms	R+Gn					Plug bit 0-400; 9.0' core lost
410.0	0.9	410.0	6.3	14.3	SS	Wh-Lt. Gy	M-F				400-410'; projected Jmb-Jmsw
		412.0	2.0	100	Ms-sts	R+Gn					Contact 403.7
		412.7	0.7	100	SS	Gy Gn	V.F		Spx		
		414.3	1.6	100	Ms-sts	D Gy Gn					
426.0	16.0	428.0	14.3	83.9	SS	Wh-Lt. Gy	M-F				
431.0	1.1	437.0	11.0	100	SS	Wh-Lt. Gy	F-M&C Congl	Angular bleached pbls + some R. Chert			Thdd F-M poorly sorted SS&C Congl
		444.5	7.5	100	SS	Wh-Lt. Gy	F-M				
449.0	16.3	448.7	4.2	73.9	SS	Wh-Lt. Gy	F-M-C Congl				
		449.4	0.7	14.3	SS	D Gy	F-M+muddy		Sms		Intense radioactivity in thin vitreous asphaltic sms; trace fine-grained pyrite
		453.5	4.1	100	SS	Wh-Lt. Gy	F	Thin sms 449.0-449.3; sms on bdg planes 452.0-453.5			Bdg @ 75° to core near base
468.0	13.1										
		470.0	16.5	66.7	Ms-sts	R+Gn					
		471.5	1.5	100	SS	Lt. Gy	V.F				Well cemented
		472.9	1.4	90	Ms-sts	R+Gn					
474.0	3.9	474.0	1.1	100	SS	Lt. Gy	V.F				Well cemented

Graphic log



Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$
449.4	0.7	3.10		15.7					
Sample No. 340 actual Core 0.1'									

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			449.4	0.7	0.49	
			Babbel Probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-12

GEOLOGIC AND ASSAY LOGS

Drill hole No. A-13 ( )
Inclination Vert Bearing down
Total depth 503.0
Collar elev. 4488.6 T P
Area San Rafael Reef

Map coord (T) N504,125.3 E496,642.6
Map coord (P)
Sec. 22 T. 21 S R. 14 E
Co. State Emery, Utah

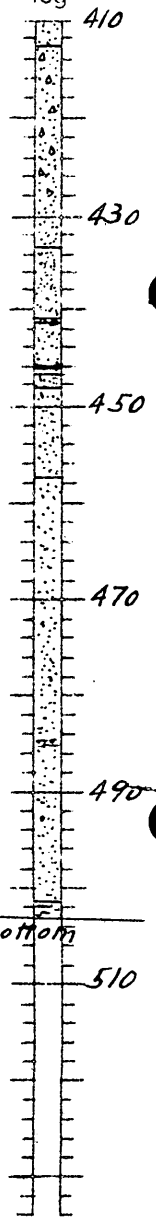
Claim Dede No. 6
Date completed 7-7-55
Date logged 7-8-55
Logged by J. E. Morgan

Rev		
Ed		

Summary of log Mineralized Hole; OBSS from 409.0 to 501.7 thick 92.7, SS color Wh-Lt. Gy; MS Some Cbn Sparse

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft.	Base	Thick	Rec. %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		412.8	2.8	100	SS	Wh-Lt. Gy	F-V.F		tnn sm 211.1		Plug bit 0-410' SS penetrated
429.0	18.2										at 409.0; Jmb-Jmsw Contact 409.0?
		433.8	21.0	97.4	SS	Wh-Lt. Gy	F-M & C Congl	Angular bleached	sms 418.0-418.3		Tbdd F-M grained unsorted SS &
								pbls in Congl	tnn sm 433.7		C Congl.
		441.0	7.2	83.3	SS	Lt. Gy	F-V.F				soft & fbl
		441.4	0.4	100	SS	Gy	M-C Congl			Numerous Gy pbls	
		447.2	5.8	100	SS	Lt. Gy	F-C	Some R. Chert pbls		OCC. Gy pbls	SS poorly sorted & well cemented
448.0	17.8										Thin weakly mineralized streak 446.8
		448.2	1.0	100	SS	Gy	F-C			Large Gy Ms pbls	large Gy Ms pbls = 60%
		457.8	9.6	100	SS	Lt. Gy	F-V.F				Bedding 65° to core 464.3-467.8
467.0	19.0	501.7	43.9	100	SS	Gy	F-M			Gn sms & pbls	
										486.1-486.6	
										Gn pbls abundant	
										500.4-501.2	
503.0	17.0	503.0	1.3	100	Ms-sts	Gn					

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5
446.8	0.1	0.05		15.2									446.8	0.1	0.02	
Sample No. 339 Actual Core 0.1'													Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835040

Hole No. A-13

RECEIVED
AUG 29 1955

GEOLOGIC AND ASSAY LOGS

Drill-hole No. B-1 ( )
Inclination Vert Bearing down
Total depth 502
Collar elev. 4,484.4 T P
Area San Rafael Reef

Map coord (T) N503,177.2 E496,607.3
Map coord (P)
Sec. 22 T. 21S R. 14E
Co., State Emery, Utah

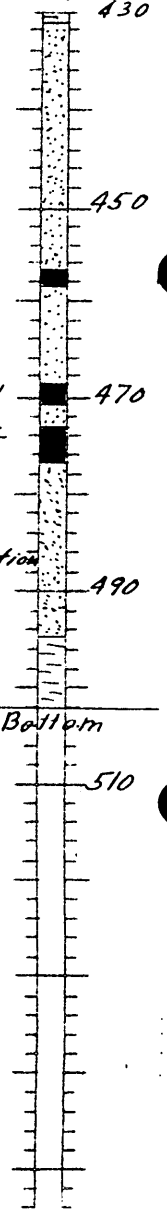
Claim Dede No. 8
Date completed 7-15-55
Date logged 7-16-55
Logged by J E Morgan

Rev		
Ed		

Summary of log Ore Hole OBSS from 430.9 to 490.0 thick 59.1 ; SS color Wh-Lt.Gy ; MS — ; Cbn. —

DRILL LOG Depth	~~Rec ft.~~ sample interval	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		432.0	2.0		Ms-sts	Rt Gn					Non-Core throughout; Cuttings
430-445	5'	455.0	23.0		SS	Wh-Lt.Gy	F-M				sampled 430-502; projected Jmh-
		457.0	2.0		SS	Wh-Lt.Gy	F-M-V.C				Jmsw contact 430.9
		463.0	5.0		SS	Wh-Lt.Gy	F-M				
445-455	2'	495.0	32.0		SS	Wh-Lt.Gy	F-V.F				
		502.0	7.0		Ms-sts	Rt Gn					Driller reports Ms penetrated
455-470	1'										at 490 ft.
470-480	2'										No significant radioactivity detected
480-502	5'										in cuttings sampled. Sub-ore grade
											U_3O_8 mineralization indicated
											by probe 458.2-459.8, 468.6-
											470.4, 472.4-473.4, and
											476.9-477.3. U_3O_8 mineralization
											of ore-grade and thickness
											indicated by probe 473.7-476.9

Graphic log



Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			459.8	1.6	0.06	
			470.4	1.8	0.06	
			473.7	1.3	0.03	
			476.9	3.2	0.22	
			477.3	0.4	0.03	
			Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-1

GEOLOGIC AND ASSAY LOGS

Drill-hole No. B-2 ( )
Inclination Vert Bearing down
Total depth 500
Collar elev. 4,479.8 T. P
Area San Rafael Reef

Map coord (T) N503,152.2 E 496,455.6
Map coord (P)
Sec. 22 T. 21S R. 14E
Co., State Emery, Utah

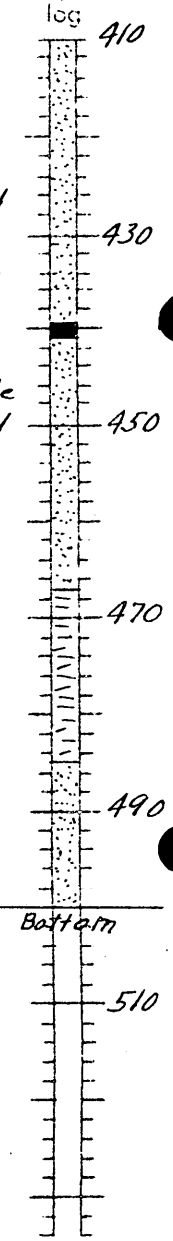
Claim Dede No. 8
Date completed 7-14-55
Date logged 7-15-55
Logged by J.E. Morgan

Rev		
Ed		

Summary of log Mineralized Hole OBSS from 410.0 to 467.0 thick 57.0 ; SS color Wh-Lt Gy ; MS. — ; Cbn. —

DRILL LOG		LITHOLOGIC LOG									
Depth	~~Rec ft.~~ Sample Interval	Base	Thick	Rec. %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		467.0	57.0		SS	Wh-Lt Gy	F-M				Non-Core throughout; Cuttings
		485.0	18.0		Ms-Sts	Rd Gn					sampled 420-500; Projected
420-435	5'	500.0	15.0		SS	Wh-Lt Gy	F-V.F				Jmb-Jmsw contact 410.0
435-445	2'										
445-465	1'										No significant radioactivity detected in cuttings sampled.
465-475	2'										Probe indicates sub-ore grade
475-500	5'										U_3O_8 mineralization 439.8-441.1

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5
													441.1	1.3	0.03	
													Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-2

GEOLOGIC AND ASSAY LOGS

Drill hole No. B-3 ( )
Inclination Vert. Bearing down
Total depth 482
Collar elev. 4487.7 P
Area San Rafael Reef

Map coordinates N503,097.4 E 496,367.2
Map datum (P)
Sec. 22 T. 21S. R. 14E
County Emery, Utah

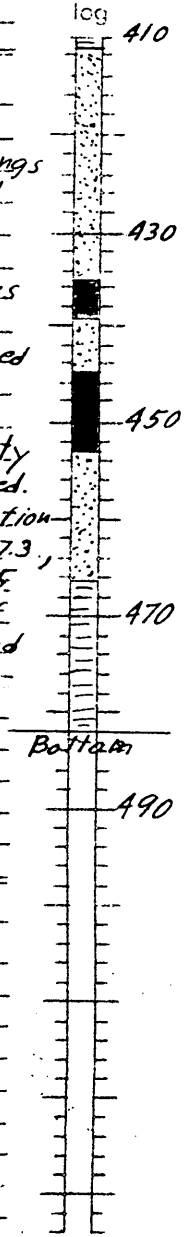
Claim Dede No. 8
Date completed 7-13-55
Date logged 7-14-55
Logged by J C Morgan

Rev		
Ed		

Summary Log Ore Hole data from 411.2 to 466.0 w. 54.8 SS color Wh-Lt. Gy MS — Cbn —

DRILL LOG Depth	~~Rec %~~ Sample Interval	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's	Cbn	MS in SS	Remarks
		415.0	5.0		Ms-sts	R+Gn					Non-Core throughout; Cuttings sampled 410-482; Projected Jmb-Jmsw Contact 411.2
410-425	5'	425.0	10.0		SS	Wh-Lt.Gy	M-F				
		427.0	2.0		SS	Wh-Lt.Gy	M-F-C				
		466.0	39.0		SS	Wh-Lt.Gy	M-F				
425-435	2'	482.0	16.0		Ms-sts	R+Gn					Hole Caving badly all samples contaminated & unreliable. Driller reports Ms penetrated at 466.0 ft
435-450	1'										
450-460	2'										
460-482	5'										No significant radioactivity detected in cuttings sampled. Sub-ore grade U_3O_8 mineralization indicated by probe 435.3-437.3, 438.8-439.4, 445.2-446.0, & 451.5-453.5. U_3O_8 mineralization of ore-grade & thickness indicated by probe 437.3-438.8 & 446.0-451.5

Graphic log



Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			437.3	2.0	0.06	
			438.8	1.5	0.17	
			439.4	0.6	0.05	
			446.0	0.8	0.04	
			451.5	5.5	0.18	
			453.5	2.0	0.05	
			Bottom probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-3

RECEIVED
AUG 29 1955

GEOLOGIC AND ASSAY LOGS

Drill hole No. B-4 ( )
Inclination Vert Bearing down
Total depth 489
Collar elev. 4,505.3 T P
Area San Rafael Reef

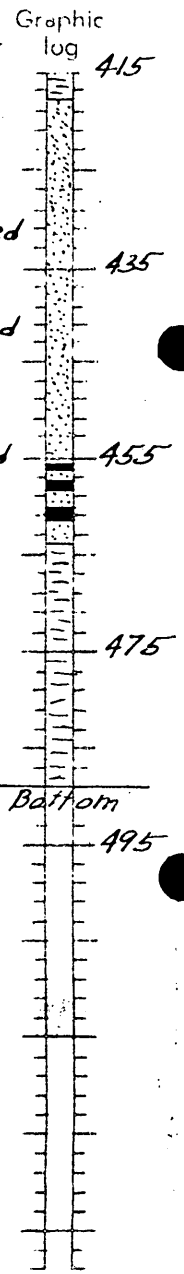
Map coord (T) N503,260.5 E496,304.6
Map coord (P)
Sec 22 T 21S R 14E
Co., State Emery, Utah

Claim Dede No. 8
Date completed 7-15-55
Date logged 7-16-55
Logged by J. E. Morgan

Rev		
Ed		

Summary of log Mineralized Hole OBSS from 418.6 to 464.0 thick 45.4 : SS color Wh-Lt Gy : MS — : Cbn Some spx

DRILL LOG Depth	~~Rec ft.~~ Sample Interval	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		418.0	3.0		Ms-Sts	Rt Gn					Non-core throughout; Cuttings
		441.0	23.0		SS	Wh-Lt Gy	M-F		spx 436-437		sampled 415-489; projected
415-425	5'	442.0	1.0		SS	Wh-Lt Gy	F-V.F				Jmb-Jmsw contact 418.6
		449.0	7.0		SS	Wh-Lt Gy	F-M				
425-435	2'	464.0	15.0		SS	Wh-Lt Gy	F-V.F				Driller reports Ms penetrated
435-450	1'	489.0	25.0		Ms-Sts	Rt Gn					at 464
450-460	2'										
460-489	5'										No significant radioactivity detected in cuttings sampled. Probe indicates sub-ore grade U_3O_8 mineralization 455.2-455.9, 457.1-458.7, 460.2-461.7



Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			455.9	0.7	0.04	
			458.7	1.6	0.04	
			461.7	1.5	0.09	
			Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-4

GEOLOGIC AND ASSAY LOGS

Drill Hole No. B-7 ( )
Inclination Vert Bearing down
Total depth 411
Collar elev. 4456.6 ft
Area San Rafael Reef

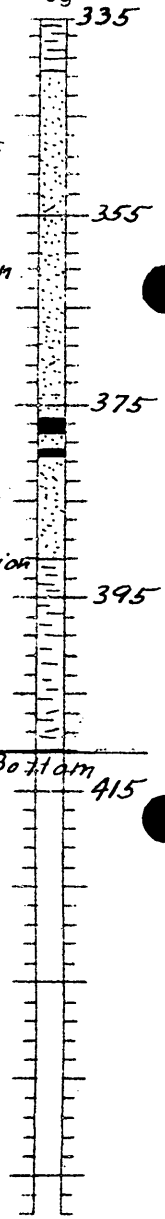
Map coord (ft) N503267.1 E496,062.5
Map coord (ft)
Sec. 22 T. 21S R. 14E
Co. State Emery, Utah

Claim Dede No. 8
Date completed 7-17-55
Date logged 7-18-55
Logged by J C Morgan

Rev		
Ed		

Summary of log Ore Hole OBSS from 340.9 to 391.0 thick 50.1 SS color Wh-Lt Gy MS — Cbn spx

Graphic log



DRILL LOG Depth	~~Rec'd~~ Sample Interval	LITHOLOGIC LOG Base	Thick	Rec. %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		346.5	11.5		Ms-sts	R+Gn					Non-Core throughout; Cuttings
		350.0	3.5		ss	Wh-Lt.Gy	F-V.F				sampled 335-411; Projected
335-355	5'	379.0	29.0		ss	Wh-Lt.Gy	M-F				Jmb-Jmsw Contact 340.9
355-365	2'	391.0	12.0		ss	Wh-Lt.Gy	F-V.F		FKs 379-384		
365-380	1'	411.0	20.0		Ms-sts	R+Gn					Driller reports Ms penetration
380-390	2'										at 391.0 ft.
390-411	5'										
											No significant radioactivity
											detected in cuttings sampled.
											Probe indicates U_3O_8 mineral-
											ization of ore grade thickness
											376.6-377.9, Probe indicates
											sub-ore grade U_3O_8 mineralization
											380.0-380.9

Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			377.9	1.3	0.10	
			380.9	0.9	0.07	
			Babbel	Probe	results	

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-7

GEOLOGIC AND ASSAY LOGS

Drill-hole No. B-8 ( )
Inclination Vert. Bearing down
Total depth 415
Collar elev. 4483.8 ft
Area San Rafael Reef

Map coord (L) N503,265.9 E495903.6 Claim Dede No. 8
Map coord (P
Sec. 22 T. 21 S R. 14E
Co., State Emery, Utah

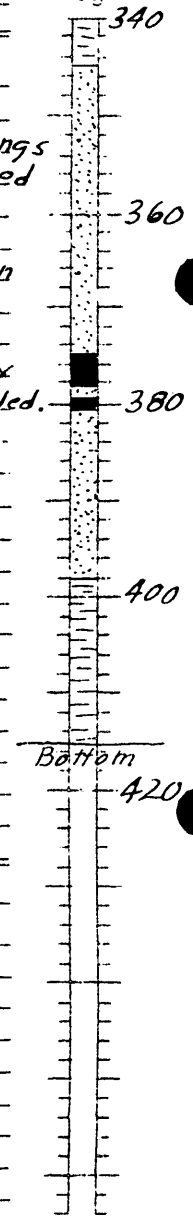
Date completed 7-18-55
Date logged 7-18-55
Logged by J E Morgan

Rev		
Ed		

Summary of log Mineralized Hole OBSs from 344.8 to 398.0 thick 53.2 ; SS color Wh-Lt. Gy ; MS — ; Cbn. SPX

DRILL LOG		LITHOLOGIC LOG									
Depth	~~Rec ft~~ Sample Interval	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		345.0	5.0		Ms-Sts	Rt Gn					Non-Core throughout; Cuttings
		371.0	26.0		SS	Wh-Lt. Gy	F-V.F				sampled 340-415; projected
340-360	5'	389.0	18.0		SS	Wh-Lt. Gy	M-F	475-476	SPX		Jmb-Jmsw Contact 344.8
		398.0	19.0		SS	Wh-Lt. Gy	F-V.F				
360-370	2'	415.0	17.0		Ms-Sts	Rt Gn					Driller reports Ms penetration
370-385	1'										at 498 ft
385-395	2'										No significant radioactivity
395-415	5'										detected in cuttings sampled.
											Probe indicates sub-ore
											grade U_3O_8 mineralization
											374.8 - 378.2, 379.9
											380.3

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5
													378.2	3.4	0.02	
													380.3	0.4	0.02	
													Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-8

GEOLOGIC AND ASSAY LOGS

Drill hole No. B-9 ( )
Inclination Vert Bearing down
Total depth 416.0
Collar elev 4475.8 ; P
Area San Rafael Reef

Map coord (T) N503,101.6 E495,900.9
Map coord (P)
Sec. 22 T 21S R 14E
Co., State Emery, Utah

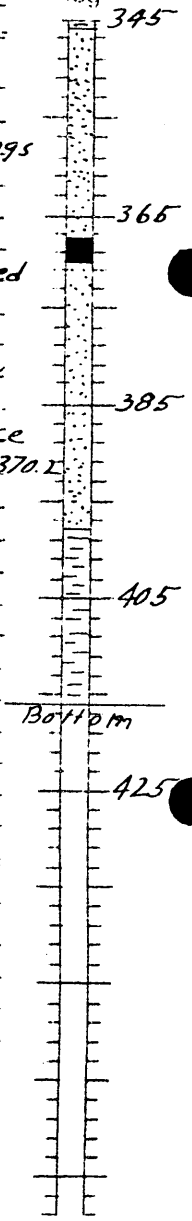
Claim Dede No. 8
Date completed 7-19-55
Date logged 7-20-55
Logged by J E Morgan

Rev		
Ed		

Summary of log Mineralized Hole: OBSS from 345.4 to 498.0 thick 52.6 ; SS color Wh-Lt.Gy ; MS — ; Cbn. —

DRILL LOG		LITHOLOGIC LOG									
Depth	~~Rec. ft~~ Sample Interval	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		347.5	2.5		Ms-Sts	R+Gn					Non-Core throughout; Cuttings
		378.0	30.5		SS	Wh-Lt.Gy	M-F				sampled 340-416; Projected
340-360	5'	400.0	22.0		SS	Wh-Lt.Gy	F-V.F				Jmb-Jmsw contact 345.4
360-370	2'	416.0	16.0		Ms-Sts	R+Gn					
											Driller reports Ms penetrated
370-385	1'										at 398.0 ft.
385-395	2'										No significant radioactivity
395-416	5'										detected in Cuttings
											sampled. Probe indicates trace
											U_3O_8 mineralization 362.4-370.2

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5
													370.2	2.8	Tr	
													Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-9

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AUG 2 9 1955

GEOLOGIC AND ASSAY LOGS

Drillhole No. B-10 ( )
Inclination Vert. E long. down
Total depth 414
Collar elev 4,453.4 T P
Area San Rafael Reef

Map coord (E) N503,132.9 E496,077.0
Map coord (P)
Sec 22 T 21S R 14E
County Emery, Utah

Claim Dede No. 8
Date completed 7-16-55
Date logged 7-17-55
Logged by J. E. Morgan

Rev		
Ed		

Summary of log Mineralized Hole OBSS from 343.5 to 398.0 incl 54.5 SS color Wh-Lt.Gy MS — Con. Spx

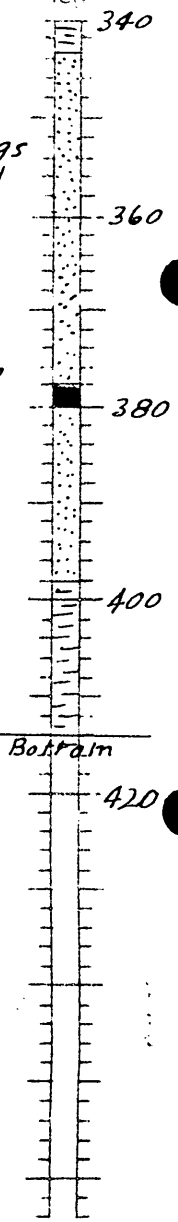
DRILL LOG

Depth	~~Rec ft~~ Sample Interval
	346.5
	350.0
340-360	5'
360-370	2'
	368.0
	398.0
370-385	1'
385-395	2'
395-414	5'

LITHOLOGIC LOG

Base	Thick	Rec. %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
346.5	6.5		Ms-Sts	Rt Gn					No core throughout; Cuttings
350.0	3.5		SS	Lt.Gy.Gn	F-V.F				sampled 340-414, Projected
360.0	5.0		SS	Lt.Gy-Wh	F-V.F				Jmb-Jmsw contact 343.5
368.0	8.0		SS	Wh-Lt.Gy	F-V.F-C				
398.0	30.0		SS	Wh-Lt.Gy	F-V.F		Spx 370-375		Driller reports very hard rock
							382-391		382-391
									Driller reports Ms penetration at 398 ft.
									No significant radioactivity detected in cuttings sampled. Probe indicates trace U_3O_8 mineralization 378-380

Graphic log



Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			380.0	2.0	Tr	
			Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. B-10

RECEIVED
AUG 29 1955

Form MF-104 (Rev.)
(April 1953)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 15 1955
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

RECEIVED
AUG - 8 1955

Month of June 1-30, 1955 Docket No. DMEA 3620 Contract No. Idm-E792
Operator's Name URANIUM PROSPECTORS COMPANY, LTD. Minerals Uranium
Address 718 North 5th St., Grand Junction, Colorado
Contract Amount, $32,742.50 Government Participation: 75 % Amount, $24,556.90

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	7,703.45	3,321.75	11,025.20			
Bulldozing	None	208.00	208.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	60.00	10.00	70.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify): Incidental allow., F.U. costs per contract Exhibit A	3,098.25	1,098.75	4,197.00			
TOTALS	10,861.70	4,638.50	15,500.20	10861.70	4638.50	15500.20

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

Date June 12, 1955 *Payee Uranium Prospectors Co., Ltd.

Per [signature] Title Vice President

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

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

(Instructions on reverse)

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

$ 8,146.28

Signature [signature]
(Authorized Certifying Officer)

Date 7/25/55 Vou. No. DMA-56-10
(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-E792 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date July 18, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk!

Signature W. M. Lamey Title Executive Officer Date JUL 22 1955

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

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

U. S. Bureau of Mines
RECEIVED
JUL 15 1955
Salt Lake City, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

RECEIVED
AUG - 8 1955

Month of June 1-30 1955 Docket No. DMEA 3020 Contract No. IGN-3792
Operator's Name Uranium Prospectors Company, Ltd. Minerals Uranium
Address 710 North 5th St., Grand Junction, Colorado

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	ft.	2,633.70	739	4,151.70	1,319	3.30	1,100	3.50
Non-Core — Churn 0'-300'	ft.	4,027.50	2,605	5,152.50	3,435	1.50	2,950	1.75
Non-Core — Auger 300'-680'	ft.	1,237.25	707	1,421.00	812	1.75		
Stripping — Reservoir Const.	hr.						5	13.00
Trenching — Incidental ditch	cu. ft.	3,090.25	1,131	4,197.00	5,506	.75	11,440	.75
Test Pits — Analysis	sample	60.00	12	70.00	14	5.00	60	5.00
Roads and Trails	mi.			100.00	2	12.00	75	13.00
Drill site Const.	hr.			100.00	8 1/3	12.00	15	13.00
TOTAL DISTRIBUTED COSTS		10,861.70		15,500.20				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		10,861.70		15,500.20				38,722.40

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

Date June 12, 1955 Operator Uranium Prospectors Co., Ltd.

Per [signature] Title Vice 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)

W. E. Young
Mining Engineer

INSTRUCTIONS

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

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

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

GPO 83-38475

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

RECEIVED
AUG - 8 1955

224 New Customhouse
Denver 2, Colorado

July 22, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject : DMEA Docket 3620, Contract Idm-E792 (Uranium), Uranium Prospectors Co., Ltd., Emery County, Utah

Operator's Monthly Progress Report, for the period June 1955

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

Work has been accomplished as authorized in the contract and payment is recommended for 75 percent of the amount as reported on Form MF-104, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Remarks:

Date of Report	June 12, 1955 (?)
Date Received in Field Office	July 15, 1955
Date Received in Region Office	July 21, 1955

W. M. TRAVER

W. M. Traver

Enclosure

RDB/vj

cc: Subject File E792
S. R. Wilson
Sec. Opr. Comm.(2)
Chron.

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

RECEIVED
AUG - 8 1955

DMEA
Date Rec'd.
JUL 21 1955
BUREAU OF MINES
Denver, Colorado

July 19, 1955

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-3620 (Uranium), Contract Idm-E792, Uranium Prospectors Co., Ltd., Emery County, Utah. MF-104 forms for June 1955

Attached are the necessary copies of the subject operator's report covering work completed during June 1955. An inspection of the project was made by W. E. Young July 15, 1955. Work reported by the operator was verified at the time of inspection.

Nine diamond drill holes were completed during the reporting period. A total of 4,131 feet of core and noncore drilling was completed, making a total of 5,[illegible] feet to date. All holes drilled during the month were probed with a Babbel counter. Four of the nine holes intersected ore-grade mineralization, and one hole cut below-ore-grade mineralization.

Work accomplished during the month is in conformance with the contract, and it is recommended that the operator be reimbursed for the Government's share of expenditures as shown in the inspecting engineer's memorandum.

The operator's monthly report was received in this office July 15, 1955.

Stephen R. Wilson
Stephen R. Wilson

Enclosure

cc: J. R. Clemmer

B. R. Wilson July 18,1955

W. E. Young

Docket No. DMEA-3620 (Uranium), Contract 14m-2792, Uranium Prospectors Co. Ltd., Emery County, Utah. Progress Report and NF-104 Forms for June 1955.

The subject property was inspected on July 15, 1955. The progress reported for June 1955 has been made. Nine holes were completed which conformed to the contract. No road construction nor site construction was done during June.

Hole A-5a, which duplicates hole A-5, was drilled with a plug bit through the horizon cored in A-5. This should be satisfactory because of the proximity of locations. All holes were probed with the Ekstul counter. Four holes encountered ore, one hole was mineralized and four were barren.

The operator's narrative report and map are considered adequate. The NF-104 and NF-104a forms agree as to monthly cost and total project costs, and footages to date. Of the twelve assays run, one was run for uranium only.

It is recommended that the operator be reimbursed for $8,146.28. This is 75 percent of $10,861.70, the amount expended during June 1955.

W. E. Young
W. E. Young

EXPLORATION PROJECT CONTRACT IDM-E792
URANIUM PROSPECTORS COMPANY, LTD.
Docket No. DMEA 3620

RECEIVED
AUG - 8 1955

Progress Report June 1-30, 1955

Drilling

Nine 1st stage drill holes were completed this reporting period to bring the total number of holes drilled under the contract to 12. Drill holes completed this month are tabulated below.

Hole No.	Non-Core	Core	Total Depth	Date Completed	Remarks
A-14	285	87	372	6-3-55	Mineralized
A-2	305	81	386	6-5-55	Barren
A-3	330	90	420	6-7-55	Ore
A-5a	400	91	491	6-30-55	Ore
A-6	400	89	489	6-15-55	Ore
A-7	407	87	494	6-30-55	Barren
A-8	445	70	515	6-22-55	Ore
A-4	430	70	500	6-24-55	Barren
A-9	390	74	464	6-29-55	Barren
Totals	3,392	739	4,131		
Previous Drilling	855	610	1,465		
Total to Date	4,247	1,349	5,596		

Attention is called to Hole Nos. A-5 and A-5a. Hole A-5 was lost when a bit was broken and left in the hole after 46 feet had been cored. The drill rig was then moved 8 feet from A-5, and Hole A-5a was drilled non-core to within 4 feet of the bottom depth of Hole A-5 (2 feet above the ore found in Hole A-5) and then cored to the specified minimum depth. In this instance the operator assumed that the core obtained from Hole A-5 would furnish sufficient lithologic information for that location and core from the corresponding interval in Hole A-5a would not be necessary.

During the month it was discovered that an error had been made in determining the upper Salt Wash sandstone contact in some of the holes. As a result Hole Nos. A-5a and A-7 had not penetrated the specified minimum of 70 feet into the Salt Wash sandstone.

Progress Report June 1-30, 1955

The drill rig was moved back to these holes on June 30th, and both holes were deepened to the specified depth.

Access Roads, Drill Sites

No bulldozer work was required during the month.

URANIUM PROSPECTORS COMPANY, LTD.

D. C. Deringer
Vice President

CANNON DIAMOND DRILLING CO.

Compton, Calif. • Grand Junction, Colo.

Rotary
Percussion

Calyx
Coring

Compton, Calif.
P. O. Box 549
Tel. Ne. 1-9341

Grand Junction, Colo.
P. O. Box 712
Tel. 2605

July 11, 1955

STATEMENT

TO: Uranium Prospectors Company
718 North 5th Street
Grand Junction, Colorado

Drilling May 27-June 30, 1955

Hole No.	0-300	300-650	0-650(Core)
A14	285		87
A2	300	5	81
A3	300	30	90
A5a	300	100	91
A6	300	100	89
A7	300	107	87
A8	300	145	70
A4	300	130	70
A9	300	90	74
	2685	707	739

2685 feet drilled	@$1.50 per foot		$4027.50
707 " "	@$1.75 " "		$1237.25
739 " "	@$3.30 " "		$2438.70
4131			$7703.45

Cannon Diamond Drilling Co.

Certified Correct

THE BROWN LABORATORY

2263 Broadway
GRAND JUNCTION, COLORADO

RECEIVED
AUG - 8 1955

ANALYTICAL DEPARTMENT

PHONE 1543-W

CERTIFICATE OF ANALYSIS

TO

Uranium Prospectors Co. Ltd.
718 North 5th Street
Grand Junction, Colorado

Date 6-13-55
Order No. 3444-S

Material: Ore Sample
Received: 6-9-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
3444-1	335		0.11		

Analyst.

THE BROWN LABORATORY

2263 Broadway
GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

PHONE 1543-W

RECEIVED
AUG - 8 1955

CERTIFICATE OF ANALYSIS

TO

Uranium Prospectors Co., Ltd.
718 North 5th Street
Grand Junction, Colorado

Date 6-13-55
Order No. 3450-S

Material: Ore Samples
Received: 6-10-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
3450-1	326		0.33		5.0
3450-2	327		0.96		2.1
3450-3	328		0.82		5.1

Analyst.

THE BROWN LABORATORY

2263 Broadway
GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

PHONE 1543-W

CERTIFICATE OF ANALYSIS

TO

Uranium Prospectors Co., Ltd.
718 North 5th Street
Grand Junction, Colorado

Date 6-15-55
Order No. 3474-S

Material: Ore Samples
Received: 6-13-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
3474-1	329		1.85		0.2
3474-2	330		0.07		8.4
3474-3	331		0.08		5.6

Analyst.

THE BROWN LABORATORY

2263 Broadway
GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

PHONE 1543-W

CERTIFICATE OF ANALYSIS

TO

Uranium Prospectors Co., Ltd.
718 North 5th Street
Grand Junction, Colorado

Date 6-23-55
Order No. 3579-

Material: Ore Samples
Received: 6-20-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
3579-1	332		0.13		12.3
3579-2	333		0.07		18.1

Analyst.

THE BROWN LABORATORY

2263 Broadway
GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

PHONE 1543-W

CERTIFICATE OF ANALYSIS

TO

Uranium Prospectors Co., Ltd.
718 North 5th Street
Grand Junction, Colorado

Date: 7-5-55
Order No.: 3705-S

Material: Ore Samples
Received: 7-1-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
3705-1	334		0.03		8.6
3705-2	335		0.32		6.8
3705-3	336		0.15		10.8

Analyst.

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-2 ( )
Inclination Vert Bearing down
Total depth 386.0
Collar elev. 4,481.0 T P
Area San Rafael Reef

Map coord (T) N503400.2 E495,765.8
Map coord (P)
Sec. 22 T. 21S R. 14E
Co. State Emery, Utah

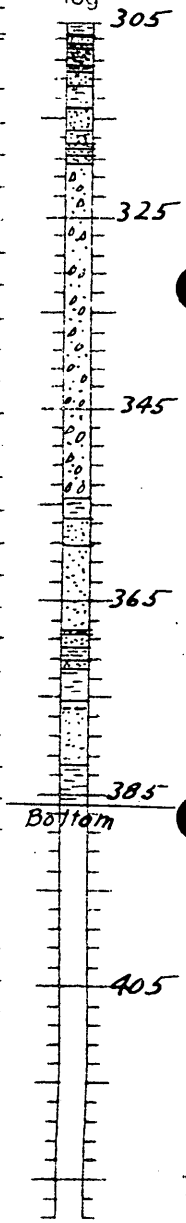
Claim Pee Wee No. 1
Date completed 6-4-55
Date logged 6-4-55
Logged by J E Morgan

Rev		
Ed		

Summary of log Barren Hole, OBSS from 318.4 to 368.0 thick 49.6 ; SS color Lt. Gy ; MS Pbls sparse , Cbn sparse

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft.	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
319.0	14.0	306.8	1.8	100	Sts	R+Gn					Plug bit 0-305 ; Jmb-Jmsw
		307.5	0.7	100	SS	Gy Gn	V.F+silty				Contact 307.9 ???
		307.9	0.4	100	Ms	R+Gn					
		309.5	1.6	100	SS	Lt. Gy	F-V.F				Well cemented
		310.0	0.5	100	Sts	R+Gn					
		311.9	1.9	100	SS	Lt. Gy	F-V.F				Well cemented
		314.1	2.2	100	Sts	R+Gn					
		316.3	2.2	100	SS	Gy Gn	VF+silty				
		317.5	1.2	100	Sts	R+Gn					
		317.9	0.4	100	SS	Gy Gn	V.F				
		318.4	0.5	100	SS	DGy Gn	V.F				
338.0	18.7	319.8	1.4	100	SS	Wh	F				Limy very hard
		354.7	34.9	99.0	SS	Lt. Gy	F-Congl	Angular bleached		Some Gn Pbls	Alternating bands F-g SS + Congl
		356.8	2.1	100	Ms Sts	Gn		Pbls + some R. Chert		Throughout	Xbdg @ 75° near base
357.0	18.0	359.5	2.7	100	SS	Wh	F-V.F		SPX 357.4-358.7		
		368.0	8.5	100	SS	Lt. Gy	M-F				
		368.9	0.9	100	Ms	Gn					
		370.1	1.2	100	SS	DGy	V.F+silty				
371.0	14.0	371.0	0.9	100	Ms	Gn					
		372.2	1.2	100	SS	Gy	V.F+silty				
		375.2	3.0	100	Sts	R+Gn					
		382.2	7.0	100	SS	Lt. Gy	F-V.F			Sm-376.2-376.4	Silty 380.0-382.2
386.0	12.0	386.0	3.8	52.7	Ms	R+Gn					

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-2 Page 1 of 1

GEOLOGIC AND ASSAY LOGS

Drill Hole No. A-3 ( )
Inclination Vert. Bearing down
Total depth 420.0
Collar elev. 4471.0 ft
Area San Rafael Reef
Map coord (T) N503,195.4 E495,987.1
Map coord (P)
Sec. 22 T. 21S R. 14E
County, State Emery, Utah
Claim Dede No 8
Date comp. drilling 6-7-55
Date logged 6-7-55
Logged by J E Morgan

Rev		
Ed		

Summary of log ore hole OBSS from 349.4 to 404.2 = 54.8 SS color Lt. Gy. Min. Some pbls Cbn Locally abundant in mineralized zone

DRILL LOG Depth	Feet	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	Min'ns	Remarks
347.0	17.0	331.4	1.4	100	SS	Gy Gn	F+silty				Plug bit 0-~~349.4~~ 330.0 Jmb-Jmsw contact
		333.0	1.6	100	Sts	R+Gn					349.4?
		334.0	1.0	100	SS	Gy Gn	V.F+silty				
		346.8	12.8	100	Ms sts	R+Gn					
		347.5	0.7	100	SS	Gy Gn	VF+silty				Very well cemented
		348.1	0.6	100	Ms	Gn					
		349.4	1.3	100	SS	Gy Gn	V.F.				Very well cemented, $CaCO_3$ in vert fracture
		349.8	0.4	100	Ms	DGy			Spx		
		351.6	1.8	100	SS	Lt. Gy	F				Well cemented
		352.2	0.6	100	Ms	Gn					
		358.9	6.7	100	SS	Lt. Gy	M-F			Some Gn pbls	
366.0	19.0	370.4	11.5	100	SS	Lt. Gy	F-Congl	Angular bleached pbls		Some Gn pbls	Alternating bands F.g SS+ Congl
		378.8	8.4	100	SS	Lt. Gy					
		379.9	1.1	100	SS	DGy-Bl	V.F+silty		Abundant Sms		U_3O_8 mineralization
385.0	19.0	386.2	6.3	100	SS	Lt. Gy	V.F			0.2' Gn sm at base	Xbdg @ 70° near base
		388.7	2.5	100	SS	Lt. Gy	M				
		389.9	1.2	100	SS	Lt. Gy	V.F.				Xbdg @ 75°
404.0	19.0	404.2	14.3	100	SS	Lt. Gy	F-V.F			Gn pbls at base	Xbdg @ 75° near top
420.0	14.4	420.0	15.6	89.7	Ms-Sts	R+Gn					

Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$
379.9	1.1	0.33		5.0					
Sample No. 326									
1.1' actual Core									

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			380.6	1.1	0.39	
			Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-3 Page 1 of 1

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-4 ( )
Inclination Vert Bearing down
Total depth 500
Collar elev 4,462.9 T P
Area San Rafael Reef

Map coord (T) N502,934.3 E496,723.8
Map coord (P)
Sec. 22 T. 21 S R 14 E
Co., State Emery, Utah

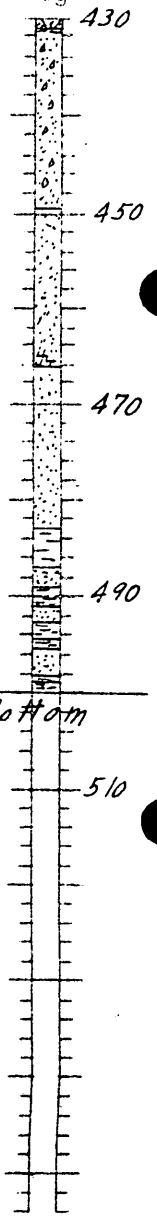
Claim Dede No. 8
Date completed 6-24-55
Date logged 6-24-55
Logged by J. C. Morgan

Rev		
Ed		

Summary of log Barren Hole ; OBSS from 428.0 to 483.4 thick 55.4 ; SS color Lt. Gy ; MS Sparse ; Cbn. some FKS + sms

DRILL LOG Depth	Rec ft	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's	Cbn	MS in SS	Remarks
		431.4	1.4	100	SS	Lt. Gy	F-V.F				Plug bit 0-430; Driller reports
		431.5	0.1	100	Ms	Gn					sandstone penetrated at 428.0'
449.0	19.0	449.5	18.0	100	SS	Lt. Gy	F-M+C Congl	Angular bleached			Jmb-Jmsw Contact 428'
								Pbls in Congl			Jbd. F-M unsorted ss + C. Congl
		466.0	16.5	100	SS	Lt. Gy	F-V.F		thin sms 449.5-450.5	Gy pbls + sms at base	Bdg @ 80° to core
468.0	19.0	483.4	17.4	100	SS	Lt. Gy	F-V.F		FKS 473.5-482.8		Grain at base M-C & poorly sorted
		487.3	3.9	84.9	Ms	Gn					
487.0	18.4	489.4	2.1	100	SS	Gy Gn	V.F-silty				
		490.0	0.6	100	sts	R					
		491.0	1.0	100	SS	Gy Gn	V.F+silty	Abundant Or + R			
		492.4	1.4	100	sts	R		Chert pbls			
		494.3	1.9	100	SS	Lt. Gy Gn	V.F-F				Well cemented
		495.5	1.2	100	sts	R+Gn					
		498.1	2.6	100	SS	Lt. Gy Gn R Br	V.F-F			Some R+Gn Pbls	Well cemented
		498.8	0.7	100	Ms	R+Gn					
500.0	12.7	500.0	1.2	100	sts	Gn					

Graphic log



Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-4

GEOLOGIC AND ASSAY LOGS

Drill Hole No. A-5 ( )
Inclination Vert. Bearing Down
Total depth 446
Collar Elev. 4493.19 ' "
Area San Rafael Reef

Map coord: T. N503203.4 E 496380.5
Map no. of
Sec. 22 T. 21S R. 14E
County, State Emery, Utah

Claim Dede No. 8
Date completed 6-9-55
Date logged 6-9-55
Logged by J E Morgan

Rev		
Ed		

Summary of log OPSS from 416.4 to — ft SS color MS Clay

Graphic log

DRILL LOG Depth	Rec. %	LITHOLOGIC LOG Base	Thick	Rec. %	Rock	Color	Grain	Access. Min's	Cem.	MS in SS	Remarks
		401.7	1.7	100	SS	Gy Gn	V.F+ silty				Plug bit 0-400; Jmb-Jmsw
		403.7	2.0	100	Ms-sts	R+Gn					Contact? 416.4
		409.7	6.0	100	SS	Gy Gn-Lt Gy	F	Some R Chert pbls			Very well cemented
412.0	12.0	412.0	2.3	100	Ms	R					
		416.4	4.4	100	Ms-SS	Gn	F+ silty				Ibd Ms+ silty SS
		419.4	3.0	100	SS	Lt Gy	F				
431.0	19.0	443.8	24.4	100	SS	Lt Gy	F-M-Congl	Angular bleached Pbls.		numerous sms & pbls 438.5-443.0	Alternating bands F-M gr ss+C Congl.
		444.1	0.3	100	SS	Bl-DGy	F	vitreous	thin	sms	Carbon. sms highly radioactive; Trace of Chalcopyrite
		444.9	0.8	100	SS	Lt Gy	M			Gy sms+pbls	Very well cemented
		445.2	0.3	100	SS	Gy-Bl	M	vitreous	thin	sms	Carbon. sms highly radioactive; Tr Chalcopyrite
446.0	15.0	446.0	0.8	100	SS	Lt Gy	F-M				
											Note: Broken bit in hole at 446.0'. Hole moved S 88° 42' E 8.8' and plug bitted to 442.0'. See log hole A-5a.

Sample Base	Sample Thick	Lab assay (%) U_3O_8	V_2O_5	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8	V_2O_5/Cu	$CaCO_3$	Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
444.1	0.3	0.96		2.1									444.1	0.3	1.0+	
Sample No. 327		0.3' actual core											445.2	0.3	1.0+	
													Babbel Counter Check			
445.2	0.3	0.82		5.1												
Sample No. 328		0.3' actual core														

*Assays marked "e" are from lab gamma-ray readings

GPO 93564

Hole No. A-5 (see Hole A-5a)

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-5a ( )
Inclination Vert Bearing Down
Total depth 487.0
Collar elev. 4494.0 T P
Area San Rafael Reef

Map coord (T) N503194.6 E496380.7
Map coord (P)
Sec. 22 T. 21S R. 14E
Co. State Emery, Utah

Claim Dede No. 8
Date completed 6-10-55
Date logged 6-10-55
Logged by J E Morgan

Rev		
Ed		

Summary of log Ore hole OBSS from 416.4 to 471.3 thick 45.1 SS color Lt. Gy MS Pbls Cbn locally abundant

DRILL LOG Depth	Rec'd ft.	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
461.0	18.7										Plug bit 0-442 (see log Hole A-5) Driller reports carbon in cuttings at 441.0'
		444.1	2.1	100	SS	Lt. Gy	F-M			Abundant Gn. pbls	
		444.8	0.7	100	SS	Bl-D Gy	F-M	+ Fx's	sms Abundant		Vitreous asphaltic sms highly radioactive
		446.8	2.0	100	SS	Lt. Gy	F-M			Gn & Gy pbls A	
		447.3	0.5	60.0	Ms	D Gy					
		447.6	0.3	100	SS	Gy	F-M		thn sms	Gn pbls at top	Weak radioactivity in carbon sms
		456.9	9.0	100	SS	Lt. Gy	F-C		thn sms	Gy pbls & sms 448.6-449.6	Well cemented; Grain becomes coarse near base; Xbdg @ 65°
		457.6	0.7	100	SS	Gy	M-C		sp x	Some Gy pbls	Weak radioactivity
		458.2	0.6	100	SS	Lt. Gy	M-C				
		471.3	13.1	100	SS	Lt. Gy	F		sm thn 467.7	Gy pbls at base	
474.0	11.7	476.6	5.3	75.5	Ms	Gn					
		482.0	4.4	100	SS	Gy Gn - Lt. R Br	V. Ft silty				
487.0	12.6	487.0	5.0	88.0	Sts	R & Gn					Note: Hole deepened from 474.0-487.0 6-30-55 JEM

Graphic log: 440, 460, 480, Bottom

Sample Base	Thick	Lab assay (%) U_3O_8	V_2O_5/Cu	$CaCO_3$	Sample Base	Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$
444.8	0.7	1.85		0.2					
Sample No. 329 actual Core 0.7'									
447.9	0.3	0.07		8.4					
Sample No. 330 actual Core 0.3'									
457.6	0.7	0.08		5.6					
Sample No. 331 actual Core 0.7'									

Interval Base	Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			441.6	1.3	0.21	
			444.8	0.7	1.00+	
			447.9	0.3	0.13	
			457.6	0.7	0.14	
			Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-5a (See log A-5)

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GEOLOGIC AND ASSAY LOGS

Drill hole No. A-6 ( )
Inclination Vert Bearing down
Total depth 489
Collar elev. 4505.1 T P
Area San Rafael Reef

Map coord (T) N503,353.1 E496,333.7
Map coord (P)
Sec 22 T 21S R 14E
Co., State Emery, Utah

Claim Dede No. 8
Date completed 6-15-55
Date logged 6-16-55
Logged by JE Morgan

Rev		
Ed		

Summary of log Ore hole OBSS from 420.3 to 470.0 in ca 49.7 SS color Lt. Gy MS thn sms & pbls locally Cbn. minor sms & FKs

Graphic log

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec. ft.	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
410.0	10.0	418.1	18.1	100	Ms-sts	R & Gn					Plug bit 0-400'; Jmb-Jmsw
		418.7	0.6	100	SS	DGy-Gn	F & silty		some FKs.		Contact gradational 418.7
		420.3	1.6	100	SS	Lt. Gy	V.F				Very well cemented
		420.6	0.3	100	Ms	Gn					
427.5	17.5	446.0	25.3	100	SS	Lt. Gy	F-M-Congl	Angular bleached pbls	thn sms 425.8 FKs in		Tbd F-M gr SS & C Congl.
446.5	19.0	447.1	1.1	100	SS	Lt. Br-Gy	F-C		Ms sms	Abundant thn. Gy sms & Pbls	Moderately radioactive throughout; well cemented
450.5	4.0	450.5	3.4	100	SS	Lt. Gy	F-Congl		sms & FKs 450.0	Abundant Gy pbls	
459.0	8.3	451.1	0.6	100	SS	D Gy	F-C		thn sms	Abundant Gy pbls & sms	Moderate radioactivity in thn vitreous carbon sms
		470.0	18.9	100	SS	Lt. Gy	F			Numerous Gy Pbls 453.0-485.0	
478.0	17.7	486.2	16.2	91.4	Ms-sts	R & Gn					
		488.1	1.9	100	SS	Lt. Gy	V.F			Some R. pbls	
489.0	11.0	489.0	0.9	100	SS	Lt. Gy-Br	V.F & silty				

400
420
440
460
480
500
Bottom

Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ ray	γ ray (%e) or Field est			
Base	Thick	U_3O_8	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5
447.1	1.1	0.18		12.3									447.9	1.1	0.26	
Sample No. 332 Actual Core 1.1'													452.4	0.6	0.05	
451.1	0.6	0.07		18.1									Babbel probe results			
Sample No. 333 Actual Core 0.6'																

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-6 Page 1 of 1

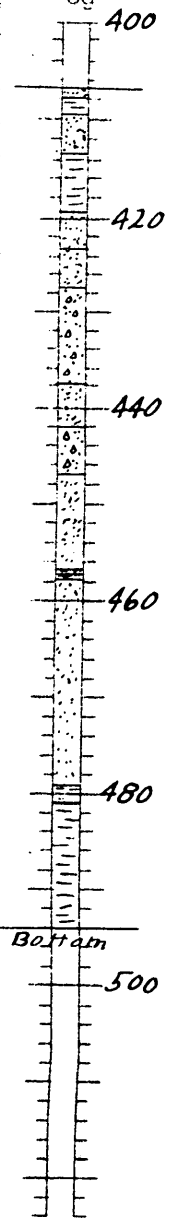
GEOLOGIC AND ASSAY LOGS

Drill hole No. A-7 ( )
Inclination Vert Bearing down
Total depth 494.0
Collar elev. 4,490.4 P
Area San Rafael Reef
Map coord (N) N 503,395.5 E 496,461.0
Map coord (E)
Sec 22 T 21S R 14E
Co. State Emery, Utah
Claim Dede No. 8
Date completed 6-17-55
Date logged 6-17-55
Logged by J. E. Morgan

Rev		
Ed		

Summary of log Barren Hole OBSS from 423.4 to 478.9 55.5 SS or Lt. Gy Some pbls sparse

Graphic log



DRILL LOG Depth	Rec ft.	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		408.0	1.0	100	SS	Lt. Gy	F	R+Or Chert pbls			Plug bit 0-407
		409.8	1.8	100	Ms	R					
		413.5	3.7	100	SS	Gy Gn	V.F+silty	Some R Chert			
		419.7	6.2	100	Ms-sts	R+Gn					
422.5	14.0	423.4	3.7	59.4	SS	Lt.Gn-Lt.Gy	V.F				Jmb-Jmsw Contact 423.4?
		427.4	4.0	100	SS	Lt. Gy	F-M	Some R Chert	FRS 426.6-427.1		Xbdg @ 65° near base
		438.0	10.6	100	SS	Lt. Gy	F+M-C Congl				Tbd F-gr. ss + M-C Congl
441.5	19.0	442.0	4.0	100	SS	Lt. Gy	F				
		447.0	5.0	100	SS	Lt. Gy	F-V.C Congl			Some Gy pbls	
		457.0	10.0	100	SS	Lt. Gy	F			Abundant Gy pbls near base	
		457.1	0.1	100	Ms	Gn					
		457.7	0.6	100	SS	Lt. Gy	V. F.				Well cemented; Xbdg @ 65°
460.5	19.0	457.9	0.2	100	SS	Lt. Gy	M-C Congl			Abundant Gy pbls	Thnsm Gn Ms at base
		478.9	21.0	100	SS	Lt. Gy-Gy	V.F-F		Thnsms 460.0-460.3	Some Gy pbls	
477.0	16.5	481.0	2.1	100	Ms-sts	Gn					
		494.0	13.0	66.2	Ms-sts	R+Gn					Note: Hole deepened from 477.0-494.0 6-30-55 CEM
494.0	13.6										

Sample Base	Sample Thick	Lab assay (%) U_3O_8	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-7

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GEOLOGIC AND ASSAY LOGS

Drill hole No. A-8 ( )
Inclination Vert Bearing down
Total depth 515
Collar elev. 4505.7 T. P
Area San Rafael Reef

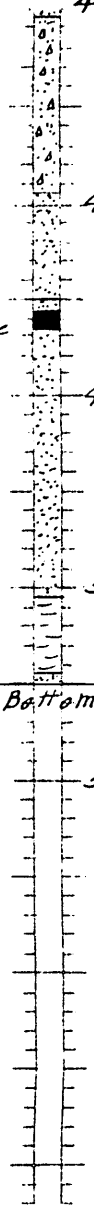
Map coord (T) N503 2322 E 496 519.1
Map coord (P)
Sec 22 T. 21S R 14E
Co. State Emery, Utah

Claim Dede No. 8
Date completed 6-22-55
Date logged 6-23-55
Logged by J E Morgan

Rev
Ed

Summary of log Ore hole OBSS from 445.0 to 505.6 60.6 SS color Lt. Gy MS Sparse Cbn Sparse

Graphic log



DRILL LOG Depth	Rec ft.	LITHOLOGIC LOG Base	Thick	Rec %	Rock	Color	Grain	Access Min's	Cbn	MS in SS	Remarks
		445.9	0.9	100	SS	Lt. Gy	M-F		thn sms 445.8		Plug bit. 0-445; Projected
460.0	15.0	463.6	17.7	100	SS	Lt. Gy	F-C+Congl	Angular bleached pbls + some R chert			Contact 445.0
											Ibd F-C unsorted ss + C Congl.
469.0	8.9	475.0	11.4	100	SS	Lt. Gy	M-F			Abundant small Gy pbls	Poorly sorted well cemented
469.5	0.5										
		476.1	1.1	100	SS	Lt. Gy	F				
		478.3	2.2	100	SS	Gy-Lt. Gy	C-V.F		thn sms		Good radioactivity in thn. cbn sms; moderate to weak radioactivity in enclosing ss.
488.5	19.0										No visible U_3O_8 minl. SS grades from C to V.F. to P to base.
503.5	15.0	505.6	27.3	100	SS	Lt. Gy	F-V.F		thn sms 491.5		
		513.8	8.2	46.3	Ms-sts	Gn					
515.0	6.0	515.0	1.2	100	SS	Gy Gn	V.F+silty				

Sample Base	Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Interval Base	Thick	γ-ray %e U_3O_8	γ ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
476.1	0.3'	0.03		8.6									479.9	2.2	0.20	
Sample No. 334 0.3' actual core													Babbel probe results			
477.4	1.0	0.32		6.8												
Sample No. 335 1.0' actual core																
478.2	0.9	0.15		10.8												
Sample No. 336 0.9' actual core																

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No A-8

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-9 ( )
Inclination Vert Bearing Down
Total depth 464
Collar elev. 4,494.5 T F
Area San Rafael Reef

Map coord (T) N503,587.6 E496,226.7
Map coord (P)
Sec 22 T. 21S R 14E
Co State Emery, Utah

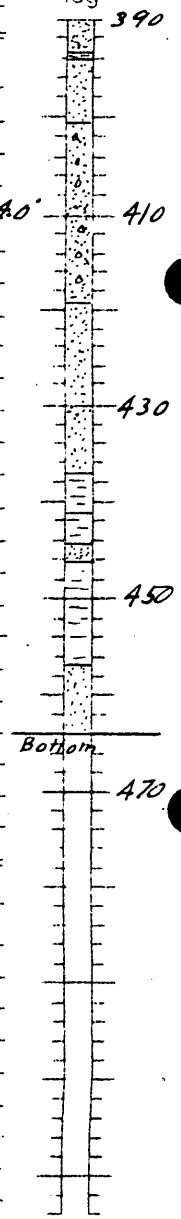
Claim Dede No. 7
Date completed 6-29-55
Date logged 6-30-55
Logged by J.E. Morgan

Rev		
Ed		

Summary of log Barren Hole ; OBSC from 394.1 to 437.2 thick 43.1 ; SS color Wh-Lt.Gy ; MS Nil ; Cbn some sms.

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft.	Base	Thick	Rec %	Rock	Color	Grain	Access Min s.	Cbn	MS in SS	Remarks
		393.8	3.8	100	SS	Lt.Gy Gn Lt.Gy	F-V.F			Gn sm 391.2	Plug bit 0-390 SS well cemented
		394.1	0.3	100	Ms	Gn	Sandy				Jmb-Jmsw Contact gradational 394.0'
409.0	19.0	400.7	6.6	100	SS	Wh-Lt.Gy	F-V.F				
		419.5	18.8	100	SS	Wh-Lt.Gy	V.F-M+C Congl	Angular bleached Pbls in Congl	FKs 403.5		Jbd V.F-M grained ss + C Congl
428.0	19.0	437.2	17.7	100	SS	Wh-Lt.Gy	F-M		426.1-426.6 sms 430.8 sm		
		441.4	4.2	100	Sts	Gy Gn-Gn					
		444.2	2.8	100	Sts-Ms	R+Gn					
447.0	18.4	446.1	1.9	100	SS	Gy Gn	V.F				
		456.8	10.7	74.8	Sts-Ms	R+Gn					
		464.0	7.2	100	SS	Lt.Gy - Lt.R Br	V.F				
464.0	15.2										

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ ray (%e) or Field est			
Base	Thick	U_3O_8*	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8*	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No A-9

GEOLOGIC AND ASSAY LOGS

Drill hole No. A-14 ( )
Inclination Vert Bearing down
Total depth 372
Collar elev 4,424.2 T P
Area San Rafael Reef

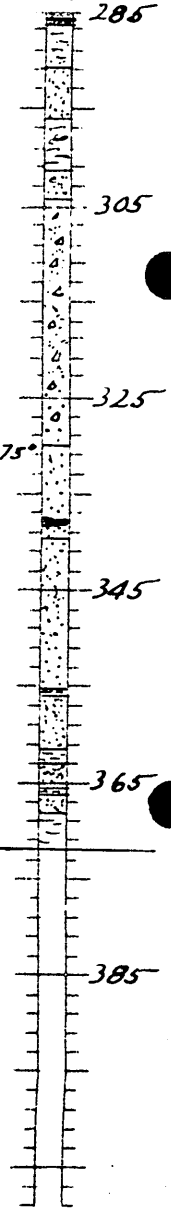
Map coord (T) N504,214.0 E496,312.4
Map coord (P)
Sec 22 T 21S R 14E
County, state Emery, Utah

Claim Dede No. 6
Date completed 6-3-55
Date logged 6-3-55
Logged by J. E. Morgan

Rev	
Ed	

Summary of log Mineralized . OPSS from 301.8 to 361.5 thick 59.7 SS color Lt. Gy MS Some pbls . Cbn. Sporic sms FKs.

Graphic log



DRILL LOG Depth	DRILL LOG Rec'd	LITHOLOGIC LOG Base	Thick	Rec'd %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		286.0	1.0	100	SS	Lt. Gy Gn	V.F+ silty				Plug bit 0-285
		286.9	0.9	100	Ms	Gn					
		291.0	4.1	100	Sts + silty ss	DGy Gn + R					
		296.6	5.6	100	SS	Wh	F	Occ R Chert pbls			Limy + well cemented at base
		301.8	5.2	100	Ms	R+Gn					
304.0	19.0	304.5	2.7	100	SS	Gy Gn-Lt. Gy	F to silty				Jmb-Jmsw contact gradational
		332.9	28.4	100	SS	Lt. Gy	F-C Congl	Angular bleached pbls in congl.			301.8 304.5
323.0	19.0										
		338.2	5.3	100	SS	Lt. Gy	F		Spx 338.0		Thn sm. radioactive asphaltic mtl. in carbonaceous Ms sm 337.9-338.0; Xbdg 75°
		339.7	1.5	100	SS	Lt. Gy	F-M			small Gy pbls	
342.0	19.0	355.1	15.4	100	SS	Lt. Gy	F		Spx 353.2-355.1	Gn pbls	Xbdg near base @ 65°
		355.7	0.6	100	Sts	Gy Gn					
361.0	19.0	361.5	5.8	100	SS	Lt. Gy	V.F				
		363.0	1.5	100	Sts	Gy Gn					
		365.5	2.5	100	SS	Gy	V.F+ silty				
		366.0	0.9	100	Ms Sts	Gy Gn					
		368.3	2.3	100	SS	Gy	V.F+ silty				
372.0	8.9	372.0	3.7	00	Ms	Gy?					Core lost bottom 2'; Driller reports Ms.

Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8*	V_2O_5/Cu	$CaCO_3$
338.0	0.2	0.01							
Sample No 325									
Actual Core 0.2									

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5
			340.8	0.2	0.06	
			Babbel probe results			

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-14

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AUG - 8

Form MF-[illegible] (Rev.)
(April [illegible])

Budget Bureau No. 14-R[illegible]
Approval Expires 6-30-55

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 29 1955
Salt Lake City, Utah

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of May 17-31 5 195 Docket No. DMEA 3620 Contract No. DMA-E792

Operator's Name Uranium Prospectors Company, Ltd. Minerals Uranium

Address 718 North 5th St., Grand Junction, Colo.

Contract Amount, $ 32,742.50 Government Participation: 75 % Amount, $ 24,556.90

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 Contractors:						
Drilling	3,321.75	None	3,321.75			
Bulldozing	208.00	None	208.00			
Crosscutting						
Drifting						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis	10.00	None	10.00			
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify): Incidental allow., F.U. costs per contract Exhibit A	1,098.75	None	1,098.75			
TOTALS	4,638.50	None	4,638.50			

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

Date June 9, 1955 *Payee Uranium Prospectors Co., Ltd.

Per [signature] Title Vice President

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

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

(Instructions on reverse)

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

$ 3,478.88

Signature _____
(Authorized Certifying Officer)

Date 7/12/55 Vou. No. DMA-56-3

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. Idm-E792 in accordance with the terms of the contract.

Signature W. E. Young Title Mining Engineer Date July 5, 1955

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE: Berk.

Signature W. M. Inman Title Executive Officer Date JUL - 8 1955

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 [illegible]-104A
(April [illegible]52)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 0 [illegible] 5

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of May 17-31 195 5 Docket No. DMEA 3620 Contract No. Idm-E792

Operator's Name Uranium Prospectors Company, Ltd. Minerals Uranium

Address 718 North 5th St., Grand Junction, Colo.

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting								
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core	ft.	2,013.00	610	2,013.00	610	3.30	1,490	$ 3.50
Non-core ~~Churn~~ 0' - 300'	ft.	1,125.00	750	1,125.00	750	1.50	9,950	1.75
Non-core ~~Auger~~ 300'-650'	ft.	183.75	105	183.75	105	1.75		
~~Stripping~~ Reservoir Const.	hr.						5	13.00
~~Trenching~~ Incidental allow.	ft.	1,098.75	1,465	1,098.75	1,465	.75	11,440	.75
~~Test Pits~~ Analyses	sample	10.00	2	10.00	2	5.00	60	5.00
Roads and Trails	hr.	108.00	9	108.00	9	12.00	75	13.00
Drill Site Const.	hr.	100.00	8-1/3	100.00	8-1/3	12.00	15	13.00
TOTAL DISTRIBUTED COSTS		4,638.50		4,638.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		4,638.50		4,638.50				$32,742.40

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

REMARKS:

Date June 9, 1955 Operator Uranium Prospectors Co., Ltd.

Per [signature] Title Vice 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)

(For Government use only)

W. C. Young
Mining Engineer
[illegible]

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

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

224 New Customhouse
Denver 2, Colorado

July 8, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: DMEA Docket 3620, Contract Idm-E792, (Uranium), Uranium Prospectors Co., Ltd., Emery County, Utah - Operator's Monthly Progress Report for the month of May, 1955

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

Work has been accomplished as authorized in the contract and payment is recommended for 75 percent of the amount as reported on form MF-104, contingent on your verification of the correctness of applicable rates and arithmetical accuracy of computations.

Remarks:

Date of Report.....June 9, 1955
Date Received in Field Office.....June 29, 1955
Date Received in Region Office.....July 7, 1955

W. M. Traver

W. M. Traver

Enclosures

RDB:sr

cc Subject
Sec. Op. Comm. (2)
Wilson
Chron

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

RECEIVED
DMEA
Date Rec'd
JUL 7 1955
BUREAU OF MINES
Denver, Colorado

July 5, 1955

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-3520 (Uranium), Contract Idm-2792, Uranium Prospectors Co., Ltd., Emery County, Utah. MF-104 forms for May 1955

The attached copies of the subject operator's report describe work accomplished during May 1955. An inspection of the project site was made by W. E. Young June 15, 1955.

Work reported during the period consisted of road construction, drill-site preparation, and diamond drilling. A total of 810 feet of core drilling and 655 feet of non-core drilling was completed during the month. These totals were verified by the inspecting engineer. Work accomplished is in conformance with the contract and it is recommended that the operator be reimbursed by 75 percent of $4,638.80, the amount expended during the period.

The MF-104 forms were received from the operator June 13, 1955. However, because of errors, the forms were returned to the operator. The corrected forms were received in this office June 20, 1955.

Stephen R. Wilson

Stephen R. Wilson

Enclosure

cc: J. Bruce Clemmer

S. E. Wilson July 8, 1955

W. E. Young

Docket No. [illegible]-9520 (Uranium), Contract Ida-2792, Uranium Prospectors Co., Ltd., Emery County, Utah. Progress report and MF-104 forms for May 1955

The subject property was inspected June 15, 1955. The progress reported for May 1955 has been made. Road construction and site construction, as reported for the period, has been done. Three holes were completed.

The operator reports that hole A-15 was caved at 250 feet, so it could not be probed by the ARC unit. However, the company probed the hole immediately after completion with their Ekbaul probe. They plan to reopen the hole at a later date for probing by the USGS unit. The contract calls for 70 feet of core drilling in each hole except A-1 and A-15, which are to be cored through the Salt Wash. Hole A-11 was cored for 187 feet because of excessive thickness of the sandstone.

The operator's narrative report and map are considered adequate. The MF-104 and MF-104A forms agree as to monthly cost and the total project costs to date.

It is recommended that the operator be reimbursed for $3,473.88. This is 75 percent of $4,[illegible].80, the amount expended during May 1955.

W. E. Young
W. E. Young

June 9, 1955

Mr. S. R. Wilson
U.S. Bureau of Mines
1600 East First South Street
Salt Lake City, Utah

Re: Docket DMEA 3620 (Uranium)
Contract Idm-E792

Dear Mr. Wilson:

We submit herewith our first monthly progress report of Exploration Project authorized by above numbered contract.

In accordance with outlined reporting procedures, the following data are attached hereto: (5 copies)

1) Narrative Report
2) Form MF-104 "Operator's Monthly Report and Voucher".
3) Form MF-104A "Operator's Unit Cost and Progress Report".
4) Statement - Cannon Diamond Drilling Company.
5) Certificate of Analysis - Brown Laboratory.
6) Geologic and Assay Logs, Holes A-1, A-11, A-15.
7) Progress Map, Showing Drill Hole Locations.
8) Drillers Reports

This report covers the period of May 17 to May 31, 1955.

Very truly yours,

URANIUM PROSPECTORS COMPANY, LTD.

D. C. Deringer
Vice President

JEB:eb
Encl.: Listed above

CANNON DIAMOND DRILLING CO.

Compton, Calif. ◆ Grand Junction, Colo.

Rotary
Percussion

Calyx
Coring

Compton, Calif.
P. O. Box 549
Tel. Ne. 1-9341

Grand Junction, Colo.
P. O. Box 712
Tel. 2605

June 7, 1955

STATEMENT

TO: Uranium Prospectors Company
718 North 5th Street
Grand Junction, Colorado

Drilling May 17 - May 27, 1955

Hole No.	0-300	300-650	0-650(Core)
A-15	300	105	251
A-1	165		232
A-11	285		127
	750	105	610

750 feet drilled	@ $1.50 per foot	$1125.00
105 " "	@ $1.75 " "	$ 183.75
610 " "	@ $3.30 " "	$2013.00
17 Hrs. 20 Min. Cat Work	@ $12.00 per hour	$ 208.00
		$3529.75

Cannon Diamond Drilling Co.

Jack B. Bailey

CERTIFIED CORRECT -

S. Lemmon

EXPLORATION PROJECT CONTRACT IDM-E792

URANIUM PROSPECTORS COMPANY, LTD.

DICKET NO. DMEA 3620

PROGRESS REPORT May 17-31, 1955

Drilling

The Cannon Diamond Drilling Company of Grand Junction, Colorado was awarded the contract for drilling of the Uranium Prospectors Co., Ltd. property southwest of Green River, Utah, as authorized by contract IDM-E792. The Cannon Diamond Drilling Company bid the following footage prices:

Non Core	0-300'	$1.50
Non Core	300-650'	$1.75
Coring N.X.	0-650'	$3.30

Drilling began with one portadrill on May 17th. As of May 31st, 3 holes have been completed with 855 feet of non-core and 610 feet of core having been drilled. Core recovery to date averages 95.7%. Completed drill holes hare tabulated below:

Hole No.	Non-core	Core	Total Depth	Date Completed	Remarks
A-15	405	251	656	5/23/55	Mineralized
A-1	165	232	397	5/25/55	ore
A-11	285	127	412	5/27/55	barren
Total	855	610	1,465		

The ore-bearing sandstone has been found to be extremely variable in thickness, and in places it is considerably thicker than anticipated. Although 70 feet of core has been designated for each hole, other than holes A-1 and A-15, it is thought unwise to stop coring at 70 feet below the upper saltwash contact, if the hole has not yet penetrated the base of the ore-bearing sandstone.

Progress Report May 17-31, 1955.

Drilling (continued)

As a consequence, it is anticipated that the allotted core footage will have been used prior to completion of the first stage drilling.

Radiometric Logging

The U.S. Geological Survey Barnaby unit was at the project May 25th. Hole A-1 was probed upon completion. An attempt was made to probe hole A-15, which was completed May 23rd, but the hole was caved at a depth of 250 feet. It is planned to open this hole for probing at a later date. It was recommended that the Company have the Atomic Energy Commission probe all future holes with the scintillation logging unit to insure a graphic record of each hole in the event that some of the holes should cave prior to logging by the Barnaby unit. Such arrangements have been made. However, the A.E.C. unit is scheduled for transfer from the area June 2nd, and this service will not be available after that date.

Drill Sites and Access Roads

A D-6 caterpillar has been hired from the Cannon Diamond Drilling Company at a cost of $12.00 per hour for the construction of drill sites and access roads. During this reporting period a total of 8 hours and 20 minutes was required for the construction of 14 drill sites, and 9 hours was required for the construction of approximately 2,000 feet of access road.

URANIUM PROSPECTORS COMPANY, LTD.

D. C. Deringer

Cannon Diamond Drilling Co.

DAILY REPORT

JOB STATION DATE SHIFT

	HOLE NO.	FEET	TOTAL
Percussion Drill			
Diamond Drill			
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS

REMARKS

FOREMAN

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig #R 5

DAILY REPORT

JOB Uranium Prospecting STATION Porter Drill DATE 5/24/55 SHIFT 2

	HOLE NO.	FEET	TOTAL
~~Percussion~~ Rotary Drill	A-1	214-302 cm	88'
Diamond Drill			
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Alexander	8
Vail	8

REMARKS

~~FOREMAN~~ Driller Wayne Alexander

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig R-5

DAILY REPORT

JOB Uranium Prospector STATION Robin Drill DATE 5/25/55 SHIFT 1

	HOLE NO.	FEET	TOTAL
~~Percussion~~ Rotary Drill	A-1	302-397	95'
Diamond Drill		Core	
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Rodgliff	11
Hilson	11
Forcash	11

REMARKS

FOREMAN Driller - Vernon H Rodgliff

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig #R5

DAILY REPORT

JOB Uranium Prospector STATION Porter Drill DATE 5/25/65 SHIFT 2

	HOLE NO.	FEET	TOTAL
~~Percussion~~ Rotary Drill	A-11	0-225 Plug	225'
Diamond Drill			
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Alexander	6
Vail	6

REMARKS

Hole # A-1 4:30 to 5:45

1 hr. 15 min

Stand by for probe

~~FOREMAN~~ Driller Wayne Alexander

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig-R-5

DAILY REPORT

JOB Bronwen Prospects STATION Potts Drill DATE 5/26/55 SHIFT 1

	HOLE NO.	FEET	TOTAL
Rotary ~~Percussion~~ Drill	A-11	0-265	265'
Diamond Drill		plug	
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Radcliff	8½
Gibson	8½
Hancock	8½

REMARKS Broken bit in hole at 225'. Hole redrilled

~~FOREMAN~~ Driller - Vernon A. Radcliff

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig #R5 DAILY REPORT

JOB Uranium Prospector STATION Porta Drill DATE 5/26/55 SHIFT 2

	HOLE NO.	FEET	TOTAL
Rotary ~~Percussion~~ Drill	A-11	265 to 285	20'
Diamond Drill		Plug	
Pipe Installed		285 to 357'	72'
Grout Placed		Core	

CREW

NAME	HOURS
Alexander	8
Vail	8
Gibson	2½

REMARKS

FOREMAN

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rg-R-5

DAILY REPORT

JOB [illegible] STATION [illegible] DATE [illegible] SHIFT 1

	HOLE NO.	FEET	TOTAL
~~Percussion~~ Drill	A-11	357-412	55'
Diamond Drill		core	
Pipe Installed			
Grout Placed		Pattern Hole	

CREW

NAME	HOURS
[illegible]	8
[illegible]	8

REMARKS

Moved to Hole A-14

FOREMAN Driller [illegible]

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig # R-5

DAILY REPORT

JOB Uranium Prospecting STATION Porta Drill DATE 5/17/55 SHIFT 1

	HOLE NO.	FEET	TOTAL
Rotary ~~Percussion~~ Drill	A-15	0-210 Plug	210'
Diamond Drill			
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Driller - Radcliff	8
Alexander	8
Somers	8

REMARKS

~~FOREMAN~~ Driller - Vernon H. Radcliff

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig #R-5

DAILY REPORT

JOB Uranium Prospector STATION Porcupine Drill DATE 5/18/55 SHIFT 1

	HOLE NO.	FEET	TOTAL
~~Percussion~~ Rotary Drill	A-15	210-405	195
Diamond Drill			
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Rodcliff	7
Alexander	7
Hancock	7

REMARKS

~~FOREMAN~~ Driller R. Vernon H. Rodcliff

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig - R-5

DAILY REPORT

JOB Uranium Prospectors STATION Potrero Dhel DATE 5/19/55 SHIFT 1

	HOLE NO.	FEET	TOTAL
Rotary ~~Percussion~~ Drill	A-15	405-529	124'
Diamond Drill		Core	
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Rodcliff	16
Alexander	16
Hancock	16

REMARKS

~~FOREMAN~~ Driller - Vernon H Rodcliff

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig - R-5

DAILY REPORT

JOB Uranium Prospectors STATION Porta Drill DATE 5/29/55 SHIFT 1

	HOLE NO.	FEET	TOTAL
Rotary ~~Percussion~~ Drill	A-15	529-585	56'
Diamond Drill			
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Radcliff	11
Alexander	11
Hancock	11

REMARKS

~~FOREMAN~~ Driller - Vernon H Radcliff

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Reg-R-5 **DAILY REPORT**

JOB Wonnum Prospects STATION Porta Drill DATE 5/23/55 SHIFT 1

	HOLE NO.	FEET	TOTAL
~~Percussion~~ Rotary Drill	A-15	585-619	34'
Diamond Drill			
Pipe Installed			
Grout Placed			

CREW

NAME	HOURS
Radcliff	9
Gibson	9
Hancock	9

REMARKS

~~FOREMAN~~ Driller - Vernon H Radcliff

ENGINEER IN CHARGE

Cannon Diamond Drilling Co.

Rig # R5 **DAILY REPORT**

JOB Uranium Prospector STATION Porter Drill DATE 5/23/55 SHIFT 2

	HOLE NO.	FEET	TOTAL
~~Percussion~~ Rotary Drill	A-15	619 to 656 core	37'
Diamond Drill			
Pipe Installed	Hole bottomed		
Grout Placed			

CREW

NAME	HOURS
Alexander	8
Vail	8

REMARKS

~~FOREMAN~~ Driller Wayne Alexander

ENGINEER IN CHARGE

THE BROWN LABORATORY

2263 Broadway
GRAND JUNCTION, COLORADO

ANALYTICAL DEPARTMENT

PHONE 1543-W

CERTIFICATE OF ANALYSIS

TO

Uranium Prospectors Co., Ltd.
718 North 5th Street
Grand Junction, olorado

Date 6-2-55
Order No. 3318-S

Material: Ore Samples
Received: 5-31-55
For: Analysis

Lab. No.	Your No.	Description	%U_3O_8	%V_2O_5	%$CaCO_3$
3318-1	323		0.02		3.5
3318-2	324		0.22		7.5

Analyst.

GEOLOGIC AND ASSAY LOGS

Drill hole No. A-11 ( )
Inclination Vert Bearing down
Total depth 413
Collar elev. 4,425.2 T ___ P
Area San Rafael Reef

Map coord (T) N503,855.5 E496,204.3
Map coord (P) ___
Sec. 22 T. 21S R. 14E
Co., State Emery, Utah

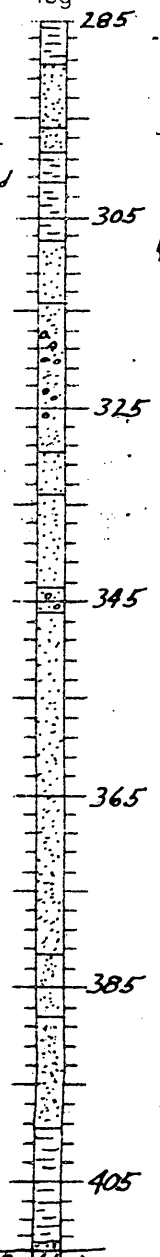
Claim Dede No. 7
Date completed 5-27-55
Date logged 5-27-55
Logged by J.E. Morgan

Rev		
Ed		

Summary of log barren hole ; OBSS from 307.3 to 399.6 thick 92.3 ; SS color Lt. Gy ; MS Sparse ; Chn. some

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft.	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Chn	MS in SS	Remarks
299.0	14.0	289.5	4.5	100	Ms	R+Gn					Plug bit 0-285; Jmb-Jmsw contact
		296.3	6.8	100	SS	Lt. Gy	F			Thn. Rsm at base	abrupt at 289.5; vert carbonate filled
		298.8	2.5	100	SS	Gy Gn	F+silty				fractures in ss below contact.
		301.4	2.6	100	Ms	R					
309.0	10.0	307.3	5.9	100	Sts-Ms	R+Gn					
		314.5	7.2	100	SS	Lt. Gy	F			Gy. sm. 313.5	Xbdg @ 65° 313.5-314.5
328.0	19.0	329.5	15.0	100	SS	Lt. Gy	F-Congl.	Bleached Pbls		Some pbls in Congl	Alternating bands Congl & F.G. ss
		334.2	4.7	100	SS	Lt. Gy	M-F				
338.0	10.0	343.5	9.3	100	SS	Lt. Gy	M		Sm 340.0		Thn. sms asphaltic mtl. 340.0-340.2
		346.4	2.9	100	SS	Lt. Gy	M Congl.		Sm 345.4		
357.0	19.0	381.4	35.0	100	SS	Lt. Gy	F		Sm 375.5	Occ. Gn. pbls	
376.0	19.0	387.9	6.5	100	SS	Lt. Gy	V.F.			Occ. Gn sms	
395.0	19.0	399.6	11.7	100	SS	Lt. Gy	F-M		Spx 396 Spx 399	Abundant Gn. Pbls. 396.8	Loosely cemented; Xbdg @ 55°
		412.4	12.8	100	Ms Sts	R+Gn					
412.0	17.0	412.0	0.6	100	SS	Lt. Gy	V.F			Abundant Gn. pbls throughout	Very hard & well cemented

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-11 Page 1 of 1

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-1 ( )
Inclination Vert Bearing down
Total depth 397
Collar elev 4,395.2 T P
Area San Rafael Reef

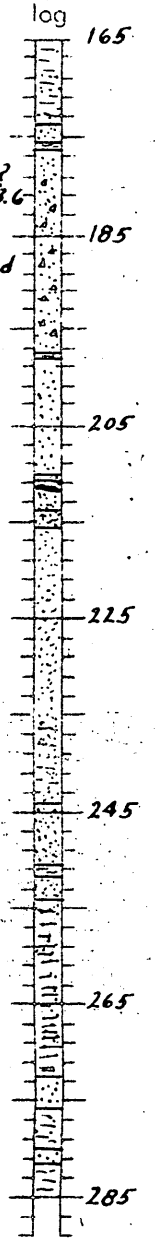
Map coord (T) N503,282.3 E495,325.3
Map coord (P)
Sec. 22 T. 21S R. 14E
Co. State Emery, Utah

Claim Pee Wee No 1
Date completed 5-25-55
Date logged 5-26-55
Logged by J.E. Morgan

Rev		
Ed		

Summary of log ore hole ; OBSS from 173.6 to 254.5 thick 80.9 ; SS color Gy ; MS some ; Cbn. some

Graphic log



DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft.	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		173.6	8.6	100	Tbd Ms Sts, SS	R-Gn-ppl	VF & silty		Sm 172.8		Plug bit 0-165.0
		175.4	1.8	100	SS	Lt. Gy					Jmb-Jmsw contact gradational ? 173.6
		176.3	0.9	100	Ms	D. Gy	VF				
184.0	18.0	197.3	11.0	90.9	SS	Lt. Gy	M-Congl	Bleached angular pbls in congl.			Alternating lenses M-grained well sorted SS + M-C grained congl; pbls to ½"
		197.6	0.3	100	Ms	Gn					
203.0	19.0	210.6	13.0	100	SS	Wh	F			Occ. Gn pbls	
		210.8	0.2	100	SS	Lt. Gy	C	Some bleached grains			
		213.8	3.0	33.3	SS	Lt. Gy	F		Sm 211.8	Gn pbls at base	Good R.A in vitreous asphaltic sm 211.8
214.0	10.0										1.0' core loss in ore zone
		215.6	1.8	100	SS	Lt. Gy	M-C		Sm 215.6	Some Gy Pbls	
233.0	11.7	244.5	28.9	65.3	SS	Lt. Gy	F			Abundany Gy sms Xbdg @ 75° 215.6-216.0; 236.0-244.5	SS soft & poorly cemented
249.0	13.3	251.8	7.3	100	SS	Lt. Gy	V.F				Becomes silty near base
		252.3	0.5	100	Ms	D Gy					
		254.5	2.2	100	SS	Lt. Gy	V.F			Thn. Gy sms.	Well cemented; Xbdg @ 65° near base
264.0	15.0	272.9	18.4	100	Ms-sts	D Gy					
		276.0	3.1	100	SS	Wh	F-V.F		Spx. 274		Hard well cemented
		280.0	4.0	100	Ms-sts	R+Gn			Sm 278		
283.0	19.0	281.3	1.3	100	SS	Lt. Gy	F				Very hard + well cemented
		306.2	24.9	100	Ms-sts	R+Gn					Occ thn lenses Gy silty SS

Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5
211.8	1.0'	0.22		7.5									211.8	1.0'	0.27	
Sample No. 324													Bobbel probe results			
Actual core 0.1'																

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

Hole No. A-1 Page 1 of 2

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-1 ( )
Inclination Vert Bearing down
Total depth 397.0
Collar elev 4,395.2 T P
Area San Rafael Reef

Map coord (T) N503,282.3 E495,325.3
Map coord (P)
Sec. 22 T 21S R 14E
Co., State Emery, Utah

Claim Pee Wee No. 1
Date completed 5-25-55
Date logged 5-26-55
Logged by J.E. Morgan

Rev		
Ed.		

Summary of log OBSS from to thick ; SS color ; MS Cbn

DRILL LOG

Depth	Rec ft.
321.0	19.0
340.0	19.0
359.0	19.0
378.0 ~~368.0~~	19.0
397.0	19.0

LITHOLOGIC LOG

Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
311.0	4.8	100	SS	Wh	F				Hard & well cemented
311.6	0.6	100	Ms	R&Gn					
315.3	3.7	100	SS	Wh	F			Gn pbls near base	Very hard & well cemented
317.4	2.1	100	Ms	R&Gn			Sm 317.2		
319.2	1.8	100	SS	Lt. Gy	F				
321.4	2.2	100	Ms	Gn					Becomes sandy near base
327.2	5.8	100	SS-sts	Gy	VF & silty				Tbd sts & silty SS
331.6	4.4	100	sts	R&Gn					
339.0	7.4	100	SS	Wh	F				
347.7	8.7	100	Ms-sts	R&Gn					Thn. gypsum stngrs. 344.0-346.0
354.0	6.3	100	SS	Wh	F				Becomes coarse & poorly sorted at base
361.0	7.0	100	Ms-sts	R&Gn					
370.2	9.2	100	SS	Wh	V.F.			Gn pbls & sms.	364.0-370.2
384.6	14.4	100	sts	R&Gn					Abundant Gypsum nodules 378.6-385.2;
									Some R. chert nodules 382.2-385.2
390.6	6.0	100	SS	Lt. Gy	F				Grain becomes coarse near base; Numerous
									fibrous gypsum veins throughout
394.2	3.6	100	sts	R&Gn					Some Gypsum & R. chert nodules throughout
									Base Jmsw 394.2
397.0	2.8	100	Gypsum	Wh	Massive				Some contorted Gy sts beds throughout
									Abundant chert nodules near top

Graphic log

285
305
325
345
365
385
Bottom 397
405

Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Sample Base	Sample Thick	Lab assay (%) U_3O_8 *	V_2O_5/Cu	$CaCO_3$

Interval Base	Interval Thick	γ-ray %e U_3O_8	γ-ray (%e) or Field est Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-15 ( )
Inclination Vert Bearing down
Total depth 656
Collar elev. 4,471.6 T P
Area San Rafael Reef

Map coord (T) N504,866.7 E497,180.6
Map coord (P)
Sec. 22 T. 21S R. 14E
Co., State Emery, Utah

Claim Dede No. 5
Date completed 5-23-55
Date logged 5-24-55
Logged by JE Morgan

Rev		
Ed		

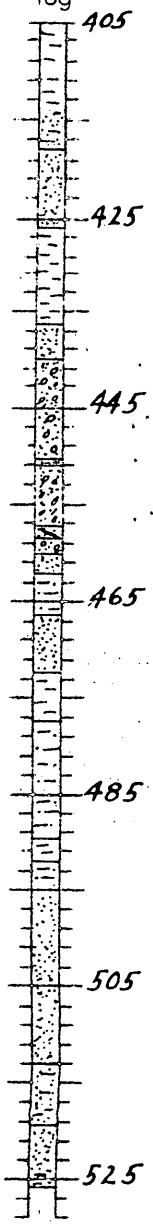
Summary of log mineralized hole; OBSS from 436.8 to 462.6 thick 26.6; SS color Lt. Gy; MS Some; Cbn. Some

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft.	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
		418.3	13.3	100	Ms	R&Gn	Sandy				Plug bit 0-405' Jmb-Jmsw
424.0	19.0	426.0	8.7	100	Ss	Lt. Gy	F-VF	Angular red Chert Pbls near base			Contact 418.3
		436.8	10.8	100	Ms	R&Gn	Sandy				Grain becomes coarse & poorly sorted
443.0	19.0	442.5	5.7	100	Ss	Lt. Gy	M-F				near base
		451.0	8.5	100	Ss	Lt. Gy	Congl.	Angular bleached appearing Pbls		Gn pbls, A	
		451.8	0.8	100	Ss	Lt. Gy	F				
		457.3	5.5	100	Ss	Lt. Gy	Congl.	Angular bleached appearing pbls		Gn pbls, some	
		457.9	0.6	100	Ss	D Gy	F		blebs	thn DGy sms	Weak R.A. in vitreous asphaltic blebs
		459.3	1.5	100	Ss	Lt. Gy	Congl.				within carbonaceous Ms sms.
462.0	19.0	462.6	3.3	100	Ss	Lt. Gy	F	Angular red Chert Pbls near base			Grain coarse & poorly sorted near base.
		466.4	3.8	100	Sts	Gy-Gn					
		472.1	5.7	100	Ss	Lt. Gy	VF & silty			Occ. thn Gy sms	
476.0	12.9	477.1	5.0	78.0	Ms	R&Gn					
		489.8	12.7	100	Sts	R&Gn					
		491.8	2.0	100	Ms	R&Gn					Occ. thn lenses Gy Gn silty ss
495.0	19.0	495.0	3.2	100	Sts	R&Gn					
		513.0	18.0	100	Ss	Wh ~~R&Gn~~ Lt Gy	F-VF	Occ. R. chert pbls			
514.0	19.0	519.3	6.3	100	Ss	Wh-Lt Gy	F-VF		blebs	Gy sms & pbls, A	Vitreous asphaltic blebs 517.5
		525.5	6.2	100	Ss	Wh-Lt Gy	F-VF			Gy sms & pbls near base	
529.0	15.0										

Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5
457.9	0.6	0.02		3.5									457.9	0.6	0.01	
Sample No. 323													Babbel probe results			
Actual core 0.6'																

*Assays marked "e" are from lab gamma-ray readings

Graphic log



GPO 835041

GEOLOGIC AND ASSAY LOGS

Drill-hole No. A-15 ( )
Inclination Vert Bearing down
Total depth 656
Collar elev. 4471.6 T P
Area San Rafael Reef

Map coord (T) N504,866.7 E497,180.6
Map coord (P)
Sec. 22 T. 21S R. 14E
Co., State Emery, Utah

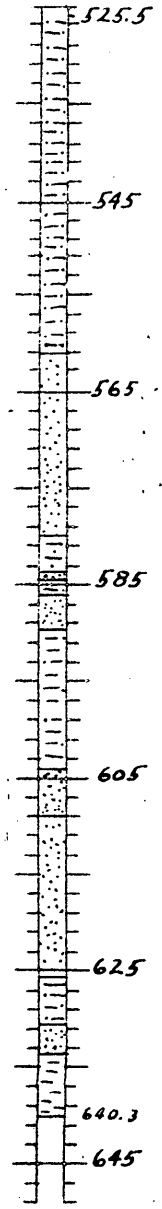
Claim Dede No. 5
Date completed 5-23-55
Date logged 5-24-55
Logged by J.E. Morgan

Rev		
Ed		

Summary of log ; OBSS from to thick ; SS color ; MS ; Cbn.

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
548.0	17.2	561.0	35.5	94.7	Sts	R+Gn					
		579.8	18.8	100	SS	Wh	F-V.F			Gn pbls, S at base	
566.0	18.0	583.3	3.5	100	Ms+sts	R+Gn					
		584.2	0.9	100	SS	Lt. Gy	V.F				SS well cemented
585.0	19.0	586.0	1.8	100	Sts	R+Gn					
		589.8	3.8	100	SS	Lt Gy	V.F	Thn R. Chert congl. lens			
604.0	19.0	604.0	14.2	100	Sts+Ms	R+Gn					
		609.0	5.0	100	SS	Lt. Gy	VF+Silty			Thn gn Sms	
623.0	9.5	625.8	16.8	43.5	SS	Lt. Gy	VF				
		630.9	5.1	100	Sts	D Gy					
		633.6	2.7	100	SS	Lt. Gy	V.F				SS very well cemented
		640.3	6.2	91.9	Ms	D Gy	Sandy near base				Abundant R. chert & white gypsum nodules 638.8 – 648.8

Graphic log



Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

RECEIVED
JUL 21 1955

GEOLOGIC AND ASSAY LOGS

Drill Hole No. A-15 ( )
Inclination Vert Bearing down
Total depth 656
Collar elev. 4471.6 T P
Area San Rafael Reef

Map coord (T) N 5048667 E 497180.6
Map coord (P)
Sec. 22 T 21 S R. 14 E
Co., State Emery, Utah

Claim Dede No. 5
Date completed 5-23-55
Date logged 5-24-55
Logged by J E Morgan

Rev		
Ed		

Summary of log ; OBSS from to thick ; SS color ; MS ; Cbn.

DRILL LOG		LITHOLOGIC LOG									
Depth	Rec ft.	Base	Thick	Rec %	Rock	Color	Grain	Access. Min's.	Cbn	MS in SS	Remarks
642.0	18.5	648.8	8.5	83.3	Sts	R-Br					Base Jmsw? 648.8
656.0	12.6	656.0	7.2	100	Gyp	Wh & Or	massive			Thn. sms. Gy Sts	

Graphic log

640.3

Bottom 660

Sample		Lab assay (%)			Sample		Lab assay (%)			Interval		γ-ray	γ-ray (%e) or Field est			
Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	U_3O_8 *	V_2O_5/Cu	$CaCO_3$	Base	Thick	%e U_3O_8	Base	Thick	U_3O_8	V_2O_5

*Assays marked "e" are from lab gamma-ray readings

GPO 835041

RECEIVED
JUL 21 1955

SEP 7 1965

Vitro Chemical Company
400 West 33rd South
Salt Lake City, Utah

Re: DMEA-3620 (Uranium)
Uranium Prospectors Company, Ltd.
Dede, et al., Claims
Emery County, Utah
Contract Idm-E792

Gentlemen:

By the terms of the subject Exploration Project Contract and the certification of discovery or development dated November 25, 1955, all minerals mined or produced from April 28, 1955, to April 28, 1965, were subject to the Government's royalty as set forth in said contract.

As the period during which production was subject to royalty has now expired, the Government according to its present records retains no claim or lien against the property subject to the contract or any future production therefrom. We, therefore, are closing our books and records on this contract. Your attention, however, is called to the provisions of the contract which require that certain records of the former Operator be kept and preserved for the periods indicated.

Sincerely yours,

(signed) FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Mbarrithew/mm (9/7/65)
cc: David A. Rowland, 8105 West 16th Place, Denver 15, Colo.
Director's Reading File
Division File
Economic Geology File
OMR File
OMR Reading File
Region III
Audit
Budget and Finance, Rm. 5408 Interior

ct Adm. & Audit Division

CERTIFICATION BY THE UNITED STATES OF AMERICA
OF A DISCOVERY OR DEVELOPMENT UNDER
AN EXPLORATION PROJECT CONTRACT

To: Uranium Prospectors Company, Ltd.
718 North 5th Street
Grand Junction, Colorado

Pursuant to the provisions of Exploration Project Contract No. Idm-E792, dated April 28, 1955, (Docket No. DMEA-3620), hereinafter called the "contract" between you and the United States of America, hereinafter called the "Government"; to establish and fix the Government's percentage royalty on production and its lien thereon and on the land described in the contract, the Government considers and therefore certifies that discovery or development from which production may be made has resulted from the exploration work.

The nature of said discovery or development is described broadly or indicated as follows:

Exploratory drilling on the subject claims resulted in the discovery of tabular-shaped lenses of uranium ore in sandstone of the ~~upper~~ Salt Wash member of the Jurassic Morrison formation.

Dated: NOV 2 5 1955

FMMurphy/gla
11-16-55

THE UNITED STATES OF AMERICA

cc to: Operator (original)
David A. Rowland) Signers of
Andrew G. McDermott) Owners' Consent to Lien
Contract Adm. & Audit Division
DMEA Field Team, Region III (2)
Finance Office
Docket
Rare and Misc. Metals Division
Admr.'s Reading File
Operating Committee
Robert W. Geehan, Rm. 3608
T. H. Kiilsgaard, Rm. 5224
F. E. Johnson
Mr. Murphy

By Frank E. Johnson
ACTING Administrator, Defense Minerals
Exploration Administration

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

224 New Customhouse
Denver 2, Colorado

RECEIVED
AUG - 1 1955

July 26, 1955

Uranium Prospectors Company, Ltd.
718 North 5th Street
Grand Junction, Colorado

Attention: Mr. D. C. Meringer

Re: Docket DMEA-3620
Contract Idm-E792

Gentlemen:

With reference to your letter of July 12, 1955 wherein you request the Region III DMEA Field Team authorization for performance of work under Stage II of the contract this constitutes confirmation of the Government's verbal approval of the same date for you to perform the work only as outlined under Stage II of the contract.

The additional four holes beyond the eight that are allowed which you have requested under Stage II will have to be referred to the Washington office, DMEA for consideration.

Nothing in the Stage II approval shall be construed to increase the estimated total cost of the project, the amount of the Government's contribution, nor any item of allowable cost which is expressly designated "allowable maximum."

Very truly yours,

DMEA Field Team, Region III

W. M. Traver

E. N. Harshman

WMT:sr

cc Subject
Chairman Op. Comm. (4)
Harshman
Wilson
Osterstock
Townsend
Chron
Hasler
Amendment - Christensen

Docket No. 3620

Commodity Uranium

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget & Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E 792

Date of Contract ~~Amendment~~: April 28, 1955

Name and Address of Operator:

Uranium Prospectors Co., Ltd.
718 North 5th Street
Grand Junction, Colorado

Amount of Government participation $ 24,556.90

Percent of Government participation 75 %

Region: III State: Utah

Note: Please release $3,611.76

E R Talbut
(Name)
for J. E. Chambers, Chief
Contract Administration and
Audit Division
(Title)

Date Delivered to Bureau of Mines, Washington. 10/11/55

54458

Docket No. DMEA - 3620

Commodity Uranium

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

STRATEGIC AND CRITICAL MINERALS EXPLORATION PROGRAM

TO: Chief, Finance Section, Budget and Finance Branch, Bureau of Mines

Please enter on the records of the Defense Minerals Exploration Administration under the Strategic and Critical Minerals Exploration Program, the following contract, or amendment to contract.

Contract No. Idm-E ~~792~~

Date of Contract or Amendment: ~~XXXXXXXXXXXX~~ April 28,1955

Name and Address of Operator:

Uranium Prospectors Co., Ltd.,
a Colorado Corp.
718 North 5th Street
Grand Junction, Colorado

Amount of Government participation ____ $ 24,556.90

Percent of Government participation ~~75~~ %

Region: ~~Utah~~ 111 State: Utah

(Name)

J. L. Chambers
Chief, Contract Administration and Audit Division

(Title)

Date Delivered to Bureau of Mines, Washington. 4/28/55

54458

Government's copy

DEPT. OF THE INTERIOR
Minerals Administration
RECEIVED
MAY 12 1955

MF-200
(Revised June 1954)

Docket No. DMEA -3620

Commodity Uranium

Contract No. Idm-E 792

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

EXPLORATION PROJECT CONTRACT[1]

It is agreed this 28th day of April, 1955, between the United States of America, acting through the Department of the Interior, Defense Minerals Exploration Administration, hereinafter called the "Government," and [2] Uranium Prospectors Company, Ltd., a Colorado corporation, whose mailing address is 718 North 5th Street Grand Junction, Colorado, hereinafter called the "Operator," as follows:

ARTICLE 1. *This contract* is entered into under the authority of the Defense Production Act of 1950, as amended. It consists of this form (MF-200), the attached Exhibit "A," Annex I, and

The Operator shall not transfer or assign this contract or any right thereunder without the written consent of the Government.

ARTICLE 2. *Operator's property rights.*—(a) The land which is the subject of this contract (hereinafter called "the land") is in the State of Utah, County of Emery, and is described in Annex I.[3]

(b) The Operator represents and undertakes that:

(1) The Operator is the [4] lessee of [5] the mineral rights in the land, in possession and entitled to possession for all of the purposes of this contract, under and by virtue of a [6] lease, [7] unrecorded in Book , page , official records of said County; and

(2) The Operator's right, title, or interest (whether as owner, lessee, or otherwise) is subject only to the following claims, liens, or encumbrances: None

(c) The Subordination Agreement of the holder of any claim, lien, or encumbrance listed above, and (if the Operator does not hold the legal title) the Consent to Lien of any holder of the legal title

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] Insert name, and if an organization, its nature (corporation and place of incorporation, partnership with names of partners, etc.).
[3] State on a separate sheet marked "Annex I" the legal description or enough to identify the property, particularly excluding any areas from which the production is not to be subject to the Government's percentage royalty.
[4] Insert "owner," "lessee," "contract purchaser," "locator," etc.
[5] Insert "the entire interest," "the mineral rights," "an undivided one-third," etc.
[6] Insert "deed," "lease," "contract," "location notice," "patent," etc.
[7] If not recorded, so indicate by inserting "un."

of the land (lessor, seller, optionor, etc.), are attached, as follows: Owner's Consent to Lien signed by David A. Rowland and Andrew G. McDermott, lessors.

(d) The Operator shall preserve and maintain his right, title, and interest in the land and his right to the possession thereof for the purposes of this contract, and shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of this contract. Until the lapse of the time within which the Government may make a certification of discovery or development without any such certification having been made, and after any such certification has been made, the Operator shall neither transfer, convey, nor surrender the land nor any right, title, or interest therein, nor permit nor suffer any claim, lien, or encumbrance thereon, without expressly referring to and providing in the instrument of conveyance, lien, or encumbrance for the preservation of the Government's right to a percentage royalty on production and lien for the payment thereof. If the Government makes no certification of discovery or development within the time limited in Article 8, it shall thereafter have no claim against the land or any production therefrom except for any production referred to in Article 8(b)(1).

ARTICLE 3. *The exploration project.*—The project is a search for indicated or undeveloped deposits of Uranium. The work to be performed is described in Exhibit "A." The Operator on or before June 1, 1955 shall commence the work, and on or before November 30, 1955 (unless the Operator's obligation to prosecute the work is terminated—see Article 10) shall either have completed the work or shall have incurred allowable costs (see Article 6) in a sum not less than the estimated total allowable cost set forth in Exhibit "A."

ARTICLE 4. *Performance of the work.*—(a) *Operator's responsibility.*—The work shall be performed with reasonable diligence, efficiently, expertly, in a workmanlike manner, in accordance with good mining standards and State regulations for health and safety and for liability insurance covering employment; and with suitable and adequate equipment, facilities, materials, supplies, and labor, to bring it to completion within the time fixed.

(b) *Independent contracts.*—To the extent that the allowable costs are estimated in Exhibit "A" with express reference to performance by independent contractors on a unit-price basis (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations), the work may be so performed; but if the reference in Exhibit "A" to any such independent contract requires the Government's approval thereof, payments under such contract will not be allowable costs unless the Government gives its written approval of the contract. Any such independent contract shall refer to some specific and identifiable part of the work, and shall be subject to all of the pertinent terms and conditions of this exploration contract; but the Government shall not be considered a party thereto, and its rights under this contract, including the right to terminate its contributions, shall not be affected thereby. Regardless of the provisions of any such independent contract and regardless of the Government's approval thereof, the Government will participate in payments to the independent contractor only on account of work performed in accordance with the provisions of this exploration project contract, and only to the extent that the Government deems the unit prices for the work under the independent contract to be reasonable.

(c) *Government may inspect.*—The Operator shall consult with and inform the Government on all phases of the work as it progresses. The Government may enter at all reasonable times to inspect the work under the contract, and also after a certification of discovery or development to inspect production operations and underground workings. The operator shall provide the Government with all reasonable means of access for such inspections.

ARTICLE 5. *Contribution by the Government.*—The estimated total allowable cost of the project, set forth in Exhibit "A," is the sum of $32,742.50. The Government shall contribute 75 percent of the allowable costs as they are incurred in a total sum not in excess of $24,556.90: *Provided,* That until the Operator has rendered to the Government his final report, and any final auditing required by the Government has been made, and a final settlement of the contract has been made, the Government may withhold from the last

voucher or vouchers such sums as it sees fit not in excess of 10 percent of the estimated total cost of the work or not in excess of the amount of the Government's contribution to the cost of property which is or may become subject to disposal as provided in Article 9(c), whichever is greater. The Government will make its contribution on the basis of the monthly vouchers referred to in Article 7(b), but all payments by the Government are provisional only, subject to audit, until the account between the Operator and the Government is finally audited and settled. "Costs incurred" mean costs that have been paid or have become due and payable, or that in the opinion of the Government have become an obligation. The Government may make payments directly to independent contractors and suppliers for the account of the Operator rather than to the Operator.

ARTICLE 6. *Estimated costs.*—(a) *Categories of costs.*—The allowable costs of the work to which the Government shall contribute are limited to those that are direct, reasonable, necessary, and that are estimated in Exhibit "A" by categories as specified in this article. If any category or subcategory is omitted from the estimate of costs, or if the word "none" is annexed to the listing thereof, costs under such category or subcategory are not allowable. Any excess over any estimate which is indicated as the maximum of any category, subcategory, or item, either as to requirement or related cost, and any excess over the estimated total allowable cost of the work, shall not be allowable. Any excess over the estimate of any category, subcategory, or item, either as to requirement or related cost, not indicated as a maximum shall be allowable within the limit of the estimated total allowable cost of the work. To the extent that excesses over maximums other than the estimated total allowable cost of the work may be necessary for the performance of the work, the Operator shall incur such excesses for his own account without contribution by the Government; but except for any such necessary excesses in categories, subcategories, or items thereunder the Operator is not obligated to incur more than his agreed percentage of the estimated, total allowable cost of the work.

To the extent specified in this article or in Exhibit "A" the following categories, subcategories, and elements thereof are maximums; but if not so specified either here or in Exhibit "A" they are not maximums, and may be exceeded within the limit of the estimated total allowable cost of the work:

CATEGORY (1)—INDEPENDENT CONTRACTS.—Work to be performed under independent contracts (see Article 4(b)). The estimated total amount of this category and the estimated cost of each unit of work for performance under an independent contract are maximums.

CATEGORY (2)—PERSONAL SERVICES.

Subcategory (a)—Supervision.—All elements of this subcategory (number of supervisors, periods of employment, rates of pay, and total) are maximums.

Subcategory (b)—Technical services.—All elements of this subcategory (number of technicians, periods of employment, rates of pay, and total) are maximums.

Subcategory (c)—Labor.

CATEGORY (3)—OPERATING MATERIALS AND SUPPLIES.—Includes such items as drill bits and steel, explosives, fuel, pipe, power, small tools costing less than $50 each, timber, track.

CATEGORY (4)—OPERATING EQUIPMENT.

Subcategory (a)—Rental.—The number of each object to be rented [6 mine cars, 1 truck], the rate of rental [$100 per month, $5 per hour], and the total of this subcategory are maximums.

Subcategory (b)—Purchases.—The estimated total of this subcategory is a maximum.

Subcategory (c)—Depreciation.—All elements of this subcategory (time periods, rate of depreciation, and subcategory total) are maximums.

CATEGORY (5)—INITIAL REHABILITATION AND REPAIRS.—Estimates under this category include all requirements and related costs, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The estimated total of this category is a maximum.

Subcategory (a)—Initial rehabilitation and repairs of existing buildings, fixtures, and installations (exclusive of mine workings).—The estimated total of this subcategory is a maximum.

Subcategory (b)—Initial rehabilitation and repairs of operating equipment.—The estimated total of this subcategory is a maximum.

CATEGORY (6)—NEW BUILDINGS, FIXTURES, AND INSTALLATIONS (EXCLUSIVE OF MINE WORKINGS).—Estimates under this category include all requirements and related costs, such as labor, materials and supplies, and supervision at a rate not higher than provided for in Category (2), and shall not be duplicated under any other category. The estimated total of this category is a maximum.

CATEGORY (7)—MISCELLANEOUS.—Repairs and maintenance (other than initial) of operating equipment, analytical work, prints and other reproductions, accounting, Operator's share of payroll taxes, liability insurance covering employment, travel, communications, and any other items of requirement or cost that do not fall within any of the first 6 categories.

THE ESTIMATED TOTAL ALLOWABLE COST of the work is a maximum.

(b) *Nonallowable costs.*—The following costs are not allowable for contribution by the Government:

(1) *Costs of the land,* such as rental, depreciation, depletion, or other cost of acquiring, owning, or holding possession;

(2) *Indirect costs,* such as general overhead, corporate management, interest, taxes (other than payroll and sales taxes), insurance (other than liability insurance covering employment), damages to persons, damages to property (other than necessary repairs or replacements of equipment or other property used in the work);

(3) *Previous work* performed or costs incurred before the date of this contract; and

(4) *Deferred payments.*—Any costs incurred by the Operator under any rental-purchase agreement, installment-purchase agreement, or any agreement for the purchase of goods under the provisions of which payment of the full purchase price is deferred more than 90 days from the delivery of the goods; unless the purchase agreement is approved by the Government in writing.

(c) *Reductions in costs.*—The Operator shall account for and give the Government credit for any incidental benefits, credits, or money received in the ordinary course of business in prosecuting the work (as by salvage or sale of materials or equipment, furnishing of room or board, furnishing of power or services to third persons, rebates or discounts on purchases, etc.), in the same ratio in which the Government contributes to costs; and such amounts shall be treated as a reduction in costs incurred so that they are available for use within the limit of the original estimated total cost. This provision does not apply to receipts from production which are subject to the Government's percentage royalty under the provisions of Article 9.

And see Article 13.

ARTICLE 7. *Reports, accounts, audits.*—(a) *Operator's records.*—The Operator shall keep suitable records and accounts of the work performed and of any production in which the Government may have an interest; and shall preserve those with respect to work performed for at least three years after final payment by the Government, and those with respect to production for at least three years after any obligation to pay royalties to the Government has terminated. The Government may inspect and audit said records and accounts at any time, either by itself or by a certified public accountant. If the Government elects to audit said records and accounts relating to the exploration work by certified public accountant, it may do so as a cost of the work to which the Operator shall contribute. The Comptroller General of the United States or his representative, until the expiration of said three-year periods, shall have access to and the right to examine any pertinent books, documents, papers, and records of the Operator. All of the Operator's vouchers and records and accounts relating thereto and the Government's payments thereof remain subject to adjustment until final audit by the Government. If work under this contract is carried on in conjunction with any other operations, or if labor, supervision, services, materials, supplies, equipment, facilities, or other requirements for carrying on the work are also used in connection with other operations, the costs shall be segregated and accounted for on a basis and by methods and accounts that are satisfactory to and approved by the Government.

(b) *Progress reports and vouchers.*—The Operator shall provide the Government with five copies of monthly progress reports in three sections as follows: (1) Operator's Monthly Report and Voucher showing detailed costs incurred during the reporting period; (2) Operator's Unit Cost and Progress Report showing the various types of work performed during the reporting period and costs incurred for each type of work; and (3) a Narrative Report of the work performed during the reporting period including adequate engineering-geological maps or sketches, drill hole logs and locations, and assay reports on samples taken concurrently with advance in mineralized ground. (Forms for reporting under (1) and (2) above will be provided by the Government.)

(c) *Final report.*—Upon completion of the work or termination of the Government's obligation to contribute to costs, the Operator shall furnish the Government with five copies of a final report (in addition to the final progress report and voucher). This final report shall include a geological and engineering evaluation of the results of the work performed under the contract with an estimate of the ore reserves resulting from such work, complete assay data, adequate geological and engineering maps or sketches, and a summary of the work performed and related costs incurred.

(d) *Report of sales.*—The Operator shall provide the Government with suitable accounting and documentary evidence covering all production to which the Government's percentage royalty relates, such as copies of smelter or concentrator settlement sheets, and certified accounts of production and sale or other disposition of production.

(e) *Compliance with requirements.*—If in the opinion of the Government any of the Operator's reports, records, or accounts are insufficient or incomplete, or if the Operator fails to make them, the Government may procure the making or completion of such with suitable attachments as an expense of the work to which the Operator shall contribute. The Government may withhold approval and payment of any vouchers relating to insufficient or incomplete reports, records, or accounts.

ARTICLE 8. *Repayment by Operator.*—(a) *Certification.*—If the Government considers that a discovery or development from which production may be made has resulted from the work, the Government, at any time not later than six months after a sufficient final report and final account (see Article 7) has been rendered, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

(b) *Royalty on production.*—The Operator, as principal if the Operator is the producer, or as surety if the Operator is not the producer, shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; or (2) if the Government makes a certification of discovery or development, within a period of ten years from the date of the contract, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first.

(c) *Basis for computation.*—The Government's royalty shall be a percentage of the gross proceeds (including any bonuses, premiums, allowances, or other benefits) from the production sold, in the form sold (ore, concentrates, metal, or equivalent), at the point of delivery (the f. o. b. point); *except,* that charges of *the buyer* arising in the regular course of business, and shown as deductions on the buyer's settlement sheets, on account of the cost of treatment processes performed by *the buyer,* sampling and assaying to determine the value of the production sold, and freight paid by *the buyer* to a carrier (not the Operator), shall be allowed as deductions in arriving at the "gross proceeds" as that term is used herein. Any costs of treatment processes, sampling or assaying, or transportation, performed or paid by the Operator or by anyone other than the buyer, are not deductible in arriving at the "gross proceeds" as that term is here used. The term "treatment processes," as here used, means those processes (such as milling, concentrating, smelting, refining, or equivalent) applied to the crude ore or other production after it is extracted from the ground, to put it into a commercially marketable form; excluding fabricating or manufacturing.

(d) *Unsold production.*—If any production (ore, concentrates, metal, or equivalent), after the lapse of six months from the date the ore was extracted from the ground, remains neither sold nor used by the Operator in integrated manufacturing or fabricating operations (for instance, if it is stockpiled), the Government, at its option, as long as it so remains, may require the computation and payment of its royalty on the value of such production in the form (ore, concentrates, metal, or equivalent) it is in when the Government elects to require computation and payment. If any production is used by the Operator in integrated manufacturing or fabricating operations before the Government makes its election, the Government's royalty on such production shall be computed on the value therof in the form in which and at the time when it is so used. "Value" as here used means what is or would be gross income from mining operations for percentage depletion purposes in Federal income tax determination, or the market value, whichever is greater.

(e) *Percentages of royalty.*—The percentages of the Government's royalty shall be as follows:

One and one-half (1½) percent of amounts ("gross proceeds" or "value") not in excess of eight dollars ($8.00) per ton of production in the form in which sold, held, or used, plus one-half (½)

percent for each additional full fifty cents ($0.50) by which such amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) percent of such amounts.

(For instance: the royalty on an amount of five dollars ($5.00) per ton would be one and one-half (1½) percent; on an amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

(f) *Time for computation and payment.*—The Government's royalty shall be computed and paid currently upon each lot sold, held, or used in integrated operations, as the case may be, as above provided in this article.

(g) *Lien for payment.*—To secure the payment of its percentage royalty, there is hereby granted to the Government a lien upon the land or the Operator's interest in the land and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(h) *Notice to purchasers.*—The Operator shall give notice of the Government's claim for royalty to any purchaser of the production, and shall authorize and direct such purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets. If the records of any production and sales or other disposition of production, whether the production is by the Operator or by others, are not made available to the Government, the amount of the royalty may be estimated by the Administrator, Defense Minerals Exploration Administration, or his successor, and his estimate thereof shall be final and binding upon the Operator.

(i) *No obligation to produce.*—Nothing in this contract is to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any production operations.

(j) *Government not obligated to buy.*—Nothing in this contract shall be construed as imposing any obligation on the Government to purchase any minerals mined or produced from the land.

ARTICLE 9. *Interests in purchased property.*—(a) *Title and ownership.*—All costs under this contract shall be incurred by the Operator in the Operator's own name and for the Operator's own account; but any property acquired to the cost of which the Government contributes shall belong to the Operator and the Government jointly in proportion to their respective contributions, although title thereto shall be taken in the name of the Operator.

(b) *Preservation of property.*—Until the final disposal of any property in which the Government has an interest the Operator shall preserve and protect same for the best interest of the Government, any reasonable and necessary costs thereof to be treated as an allowable cost of the project. After the completion of the work or termination of the Government's obligation to contribute, or when such property is not in use for or needed for the work, the Operator shall neither use it without the written consent of the Government nor without paying a reasonable rental to be fixed by the Government for its interest.

(c) *Disposal of property.*—Upon the completion of the work or termination of the Government's obligation to contribute to costs, or when the property is no longer needed for the work, the Operator shall promptly dispose of salable or salvageable property in which the Government has an interest for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator or the Government at a price at least as high as could be obtained from others, unless the Government in writing waives its interest in any such property. Without advance approval of the sales price by the Government the Operator shall not sell at any price any item of property the cost of which was more than $500, and shall not sell at less than 25 percent of the purchase price any item of property which cost $500 or less. The Government, in lieu of approving the sales price for any such item, may itself purchase the item at the best price which the Operator is able to obtain or himself cares to give. Property remaining upon any termination of the work shall be considered in groups or categories (such as drill steel, or explosives, or pipe, or rails), and if the original cost of the remaining unexpended portion of any such group or category is less than $50, the Government waives its interest therein. If necessary to accomplish the disposal of any item the Operator shall dismantle and sever it from the land, the cost thereof to be treated as a cost of the project.

(d) *Default of the Operator re disposal.*—If within 90 days after the completion of the work or termination of the Government's obligation to contribute to costs, or after the property is no longer needed for the work, or after such further time as the Government may in writing allow, the Operator has failed to sell or otherwise liquidate or dispose of any property in which the Government has an interest, the Government, at any time prior to final settlement under the contract, may pursue one of the following two courses: (1) the Government, by written notice to the Operator, may place upon such property what in its opinion is a fair valuation thereof, not in excess of the cost less 1.66 percent per month from the

date such property was purchased under this contract to the termination of said 90-day period; and such property shall thereupon be considered and accounted for as having been purchased by the Operator at the valuation so fixed by the Government; or (2) the Government may enter and take possession of such property wherever it may be found, and remove and dispose of it for the joint account of the parties.

ARTICLE 10. *Termination of the Government's obligations.*—(a) If in the opinion of the Government operations at any time have failed to achieve anticipated results that indicate the probability of making a worthwhile discovery, and in the opinion of the Government further operations are not justified, the Government may give the Operator written notice thereof, and thereupon: (1) the Government shall be free of all obligation to contribute to costs not then incurred other than such as may be allowable under the provisions of the contract as necessary and incidental to winding up, reporting, and accounting; and (2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting.

(b) If in the opinion of the Government the Operator is in any manner in default under the terms of the contract, the Government may give the Operator written notice of such default with a specification of reasonable time within which the default must be cured; and if the Operator fails to cure such default as required, thereupon: (1) the Government shall be relieved of all obligation to contribute to costs not incurred when the notice was given, other than such as may be allowable by the provisions of the contract as necessary and incidental to winding up, reporting, and accounting; and (2) the Operator shall be free of all obligation to prosecute the work other than such as may be necessary and incidental to winding up, reporting, and accounting. The remedy provided for the Government in this paragraph "(b)" is in addition to any other remedy provided in this contract, and in addition to any other remedy the law may provide for breach of contract.

(c) The giving of any notice by the Government under the provisions of this Article 10 shall not affect the Government's rights as provided for in the contract with respect to a percentage royalty, and such rights shall be fully preserved.

ARTICLE 11. *Notices to be given by the Government* may be delivered to the Operator, or may be sent by registered mail addressed to the Operator at his mailing address stated in this contract. If mailed, notices are deemed to have been delivered five days after the date of mailing.

ARTICLE 12. *Officials not to benefit.*—No member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

ARTICLE 13. *Changes and added provisions.*—
To the extent that costs are set forth in Exhibit "A" as "Fixed Unit Costs" they are in lieu of the actual costs that otherwise would be allowable costs of the project under Article 6 of the contract.

Executed in sextuplicate the day and year first above written.

THE UNITED STATES OF AMERICA

By O. Mittendorf
Administrator, Defense Minerals
Exploration Administration

URANIUM PROSPECTORS COMPANY, LTD.
(Operator)

By D. C. Deringer
Vice President

I, Ben H. Parker, certify that I am the secretary of the corporation named as Operator herein; that D. C. Deringer who signed this contract on behalf of the Operator, was then vice president of said corporation; that said contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Ben H. Parker

[CORPORATE SEAL]

U. S. GOVERNMENT PRINTING OFFICE 16—70617-1

DEPARTMENT OF THE INT
Defense Minerals Administration
RECEIVED
MAY 12 1955

EXPLORATION PROJECT CONTRACT
URANIUM PROSPECTORS COMPANY, LTD.
DOCKET NO. DMEA-3620

ANNEX I

The land referred to in Article 2 of the contract form consists of thirteen (13) unpatented lode mining claims, which are recorded in the office of the County Recorder, Emery County, Utah, as follows:

Claim	Book No.	Page No.
Dede No. 1	J-49	359
Dede No. 2	"	360
Dede No. 3	"	361
Dede No. 4	"	362
Dede No. 5	"	363
Dede No. 6	"	364
Dede No. 7	"	365
Dede No. 8	"	366
Pee Wee No. 1	"	367
Pee Wee No. 2	J-28	377
Pee Wee No. 3	J-60	81
Simon J. No. 1	J-49	369
Simon J. No. 2	"	370

These claims are in sections 15 and 22, T. 21 S., R. 14 E., S.L.M., and are shown on the map entitled "Figure 2. Map Showing Location of Drill Holes on or near Dede, Pee Wee and Simon J. Groups of Claims . . .," attached hereto and made a part hereof.

The claims were leased by David A. Rowland and Andrew G. McDermott to the Operator in an instrument dated November 24, 1954, for a period of 10 years, renewable.

Defense Minerals Administration
RECEIVED
MAY 12 1955

EXPLORATION PROJECT CONTRACT
URANIUM PROSPECTORS COMPANY, LTD.
DOCKET NO. DMEA-3620

EXHIBIT "A"

Description of the Work

The object of this project is the discovery of uranium ore in a sedimentary rock formation of Jurassic age, known locally as the Salt Wash member of the Morrison formation. To penetrate this member will require drill holes ranging from 270 to 500 feet in depth.

The work shall be performed in two successive stages. The Operator shall perform all the work under Stage I and shall perform so much of Stage II as is approved in advance in writing by the Government based upon the results of the completed work under Stage I.

Stage I

Stage I consists of bulldozing water reservoirs for drilling; constructing approximately 14,000 feet of access roads to and leveling, with bulldozer, each of seventeen (17) drill hole locations approximately indicated on the attached map Figure 2; and drilling one exploratory hole at each of the 17 sites. The approximate locations of the drill holes are indicated by numbers A-1 through A-17; however, the holes need not be drilled in this numerical sequence.

Each hole in Stage I shall be started with a noncore bit; however, starting at the contact of the Brushy Basin and Salt Wash members of the Morrison formation, the remainder of the hole shall be cored. All holes shall penetrate a minimum of 70 feet into the Salt Wash member, with the exception of holes A-1 and A-15 which shall be cored through the total thickness of the Salt Wash member, estimated to be 220 feet thick.

Approximately 6330 feet of noncore and 1490 feet of core drilling shall be completed under Stage I of this contract.

Stage II

Stage II consists of preparing an aggregate of approximately 1000 feet of access roads to and leveling, with bulldozer, 8 drill hole locations; and drilling not in excess of eight (8) noncore offset holes around any favorably mineralized hole drilled during Stage I.

Not more than an aggregate of 3620 feet of noncore hole shall be drilled under Stage II. Each hole shall be drilled to penetrate a minimum of 70 feet into the Salt Wash member of the Morrison formation.

General Provisions

Three contract drill rigs will be employed during the period of this contract.

A supervising engineer and a geologist shall be employed full time during the project work. Their duties shall include a daily examination and logging of the drill core, hole probing, determination of drilling depths, necessary surveying and mapping of access roads and drill hole locations, sampling, and all other duties necessary to the satisfactory technical progress of the work described in this Exhibit "A".

The Government shall not contribute to the cost of any hole which does not bottom with an AX size minimum core, nor to the cost of any hole which cannot be probed with radiometric logging equipment.

No offset hole shall be drilled closer than 100 feet to any other hole.

Drill hole cuttings and cores shall be stored in a suitable location for Government inspection and disposal. The Government and the Operator shall agree on the manner and time the cuttings and core shall be split. One-half of the core and the cuttings shall be furnished by the Operator for Government use.

The Operator's monthly report shall contain certified drill and geologic logs, and certified copies of analytical returns.

and The supervision, the extent and method of sampling/logging holes, the manner of storing and splitting drill cuttings and core, the laboratory making the chemical analyses, the location of the access roads and drill sites, and the drilling method used, are all subject to Government approval.

Estimated Costs of the Project

Actual Costs

Stage I

Category (1) Independent Contracts

70 hours of bulldozing access roads @ $13/hr.	$ 910.00	
Preparing 17 drill sites with bulldozer--10 hours @ $13/hr.	130.00	
Construction of water reservoirs with bulldozer--5 hours @ $13/hr.	65.00	
6330 feet of noncore drilling @ $1.75/ft.	11,077.50	
1490 feet of core drilling @ $3.50/ft.	5,215.00	
		$17,397.50

Stage II

Category (1) Independent Contracts

Bulldozing access roads to drill sites--5 hours @ $13/hr.	65.00	
Level 8 drill sites with bulldozer--5 hours @ $13/hr.	65.00	
3620 feet of noncore drilling @ $1.75/ft.	6,335.00	
		$ 6,465.00

The Government will contribute to the requirements set forth below on the basis of the "Fixed Unit Costs" specified therefor, as these costs accrue, in lieu of actual costs. These costs include all costs of the project whatsoever except those actual costs of bulldozing and drilling scheduled above under the category "Independent Contracts." No other categories of actual costs in Article 6 are allowable costs under this contract.

Fixed Unit Costs

Stage I

50 chemical analyses for U_3O_8 and $CaCO_3$ @ $5/ea.	$ 250.00	
Incidental allowance 1/ for each foot of drilling completed--7820 feet @ $0.75/ft.	5,865.00	
		$ 6,115.00

Stage II

10 chemical analyses for U_3O_8 and $CaCO_3$ @ $5/ea.	50.00	
Incidental allowance 1/ for each foot of drilling completed--3620 feet @ $0.75/ft.	2,715.00	
		2,765.00

S U M M A R Y

Estimated Total Costs, Stage I	$23,512.50	
Estimated Total Costs Stage II	9,230.00	
Estimated Total Cost of Project		$32,742.50
Government Participation @ 75%		$24,556.90

1/ The "incidental allowance" includes all costs of the project whatsoever that are not included in the estimates for bulldozing and drilling, and the fixed unit cost for analyses, and is in lieu of Categories (2) through (7) of actual costs under Article 6(a) of the contract. It includes such items as supervision, radiometric and geological work, engineering, equipment, materials and supplies, transportation, etc.

DMEA
Date Rec'd.

MF-203
Revised March 24, 1955

APR 11 1955

BUREAU OF MINES
Denver, Colorado

For Government's Use Only
EXPLORATION PROJECT CONTRACT
Operator Uranium Prospectors Co., Ltd.
Docket No. DMEA- 3620
Contract No. Idm-E
Contract Date

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
APR 15 1955

CONSENT TO LIEN

To the United States of America:

Referring to that certain land in the County of Emery, State of Utah, described as follows:1/

Certain mining claims located in Sections 15 and 22, T.21 S., R.14 E. and recorded in the official records of said County, as shown in Annex I which is attached and made a part hereof.

which is the subject of a proposed exploration project contract, hereinafter called the "contract," with the United States of America, hereinafter called the "Government;" in consideration of the contract and as an inducement to the Government to enter into it, the undersigned hereby--

1. Undertakes and agrees that property in which the Government may acquire an interest or equity under the contract may be dismantled, severed from the land, and removed, as may be provided in the contract; and the Government's interest and equity in such property shall be prior and superior to any adverse right or claim of the undersigned;

2. Grants to the Government a lien upon all of the undersigned's right, title, and interest in the land and upon any production of minerals therefrom to secure the payment to the Government of a percentage royalty on production as may be provided for by the contract;2/ and represents and undertakes that there are no claims, liens, or encumbrances upon the undersigned's right, title, or interest in the land prior to that hereby granted to the Government other than the following:3/

none

3. Undertakes and agrees neither to commit any act nor assert any claim in conflict with the provisions of this Consent to Lien; and to give advance notice of the Government's rights under this Consent to Lien to any subsequent transferee, mortgagee, encumbrancer, or lessee of any of the undersigned's right, title, or interest in the land; and

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

3/ Write "none" if that is the case. Do not leave lines blank.

4. Consents to all amendments and assignments of the contract without notice thereof, and agrees that this Consent to Lien shall extend and apply thereto.

5. Added provision: _____

_____

_____

_____

_____

_____

_____

_____

Dated this 9th day of April, 1955.

David A. Rowland, and [Seal]

Andrew L. McDermott [Seal]

By: David A. Rowland [Seal]
attorney-in-fact

I, _____ certify that I am the _____ _____ (Secretary, etc.) of the corporation named herein; that _____ _____ who signed this agreement was then _____ (President or Vice-President, etc.) of said corporation; that said agreement was duly signed for and in behalf of said corporation by authority of its governing body, and was within the scope of its corporate powers.

_____

[Corporate Seal]

Lease Minerals
APR 1 5 1955

ANNEX I

Claim Name	Identification, Marking and Posting Data:	Notice of Lease Application Recorded in Book:	at Page:
Dede No. 1	5-15-54	J-20	331
Dede No. 2	5-15-54	J-20	332
Dede No. 3	5-15-54	J-20	333
Dede No. 4	5-15-54	J-20	334
Dede No. 5	5-15-54	J-20	335
Dede No. 6	5-15-54	J-20	336
Dede No. 7	5-15-54	J-20	337
Dede No. 8	5-15-54	J-20	338
Pee Wee No. 1	5-15-54	J-20	341
Pee Wee No. 2	7-12-54	J-28	377
Pee Wee No. 3	10-15-54	~~I-60~~	~~81~~
Simon J. No. 1	5-15-54	J-20	339
Simon J. No. 2	5-15-54	J-20	340

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET 3620

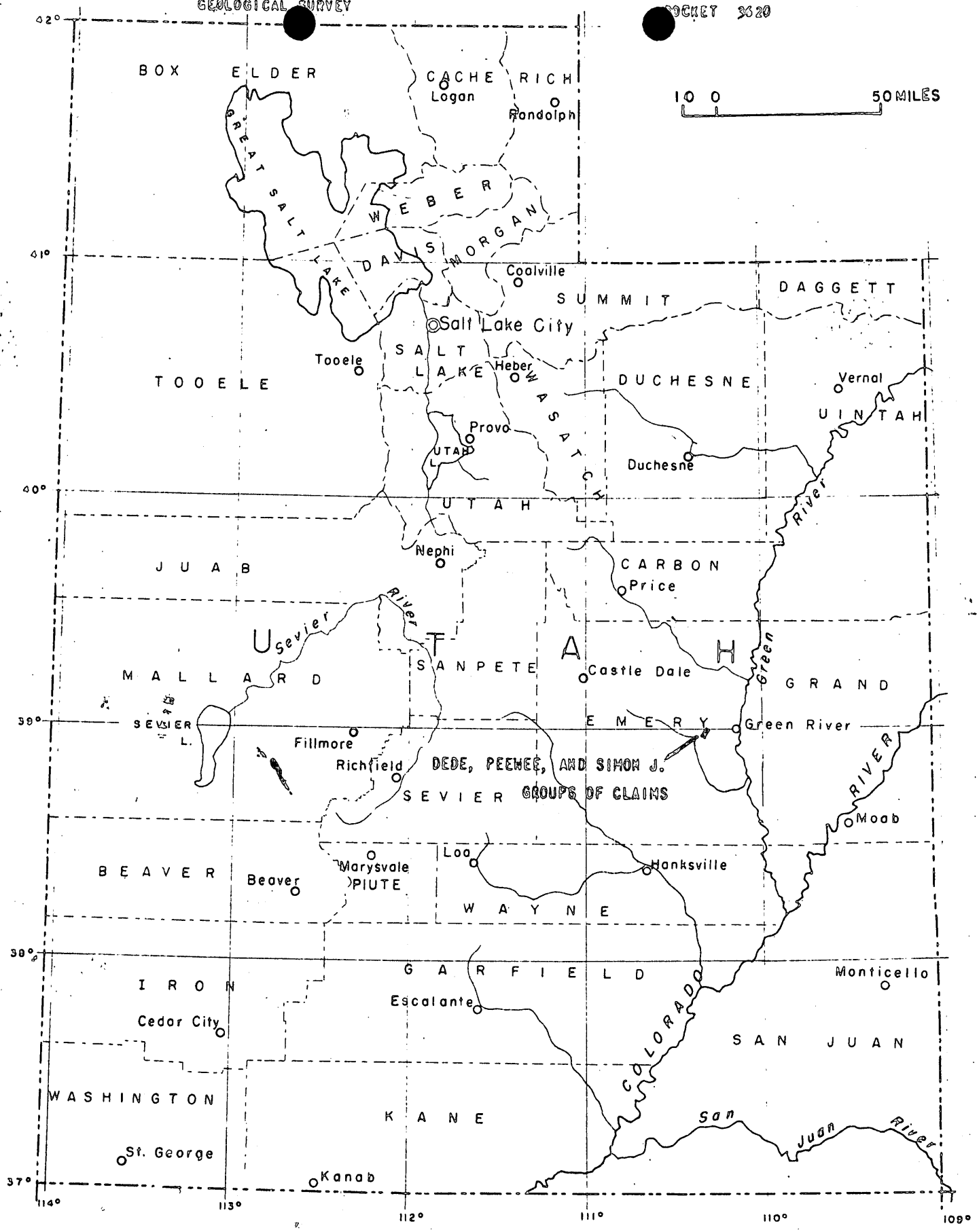


Figure 1. INDEX MAP OF UTAH SHOWING LOCATION OF DEDE, PEEWEE, AND SIMON J. GROUPS OF CLAIMS, URANIUM PROSPECTORS CO. LTD. EMERY COUNTY, UTAH.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
DOCKET NO. 3620

EXPLANATION

Jmsw / Jmbb — FORMATION CONTACT BETWEEN MORRISON SALTWASH AND BRUSHY BASIN

6° — STRIKE AND DIP OF BEDS

ADIT

DRILL HOLES, (ATOMIC ENERGY COMMISION HOLES HAVE PREFIX X, PRIVATE COMPANY HOLES HAVE PREFIX RR)

○ BARREN

MINERALIZED

● ORE-BEARING, 1 FOOT OR MORE OF 0.10% U_3O_8 OR BETTER

X LOCATION OF PROPOSED DRILL HOLE

NOTE: GEOLOGY, CLAIM BOUNDARIES, LAND SECTION CORNER, AND DRILL HOLE LOCATIONS FROM OWNERS MAP

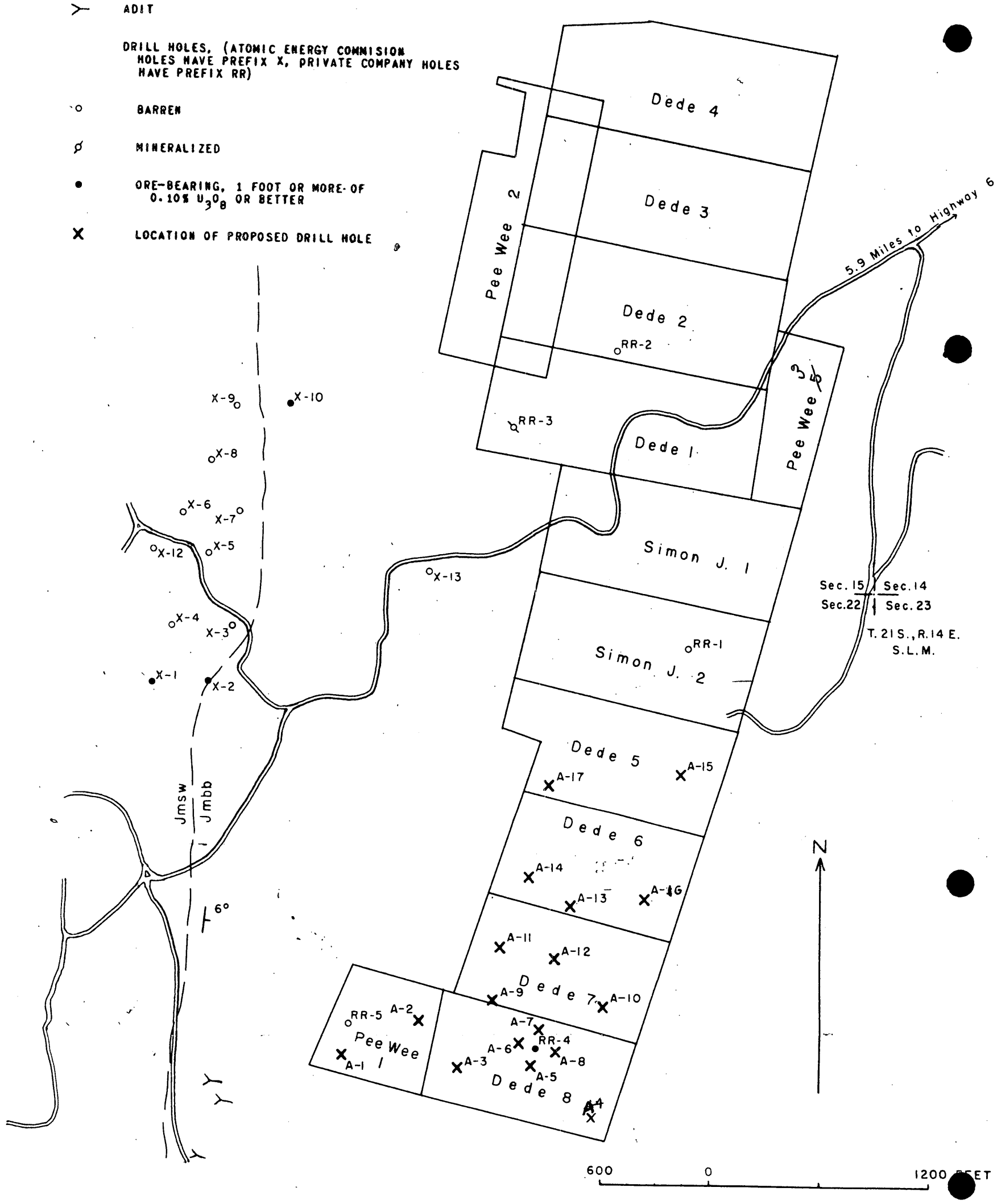
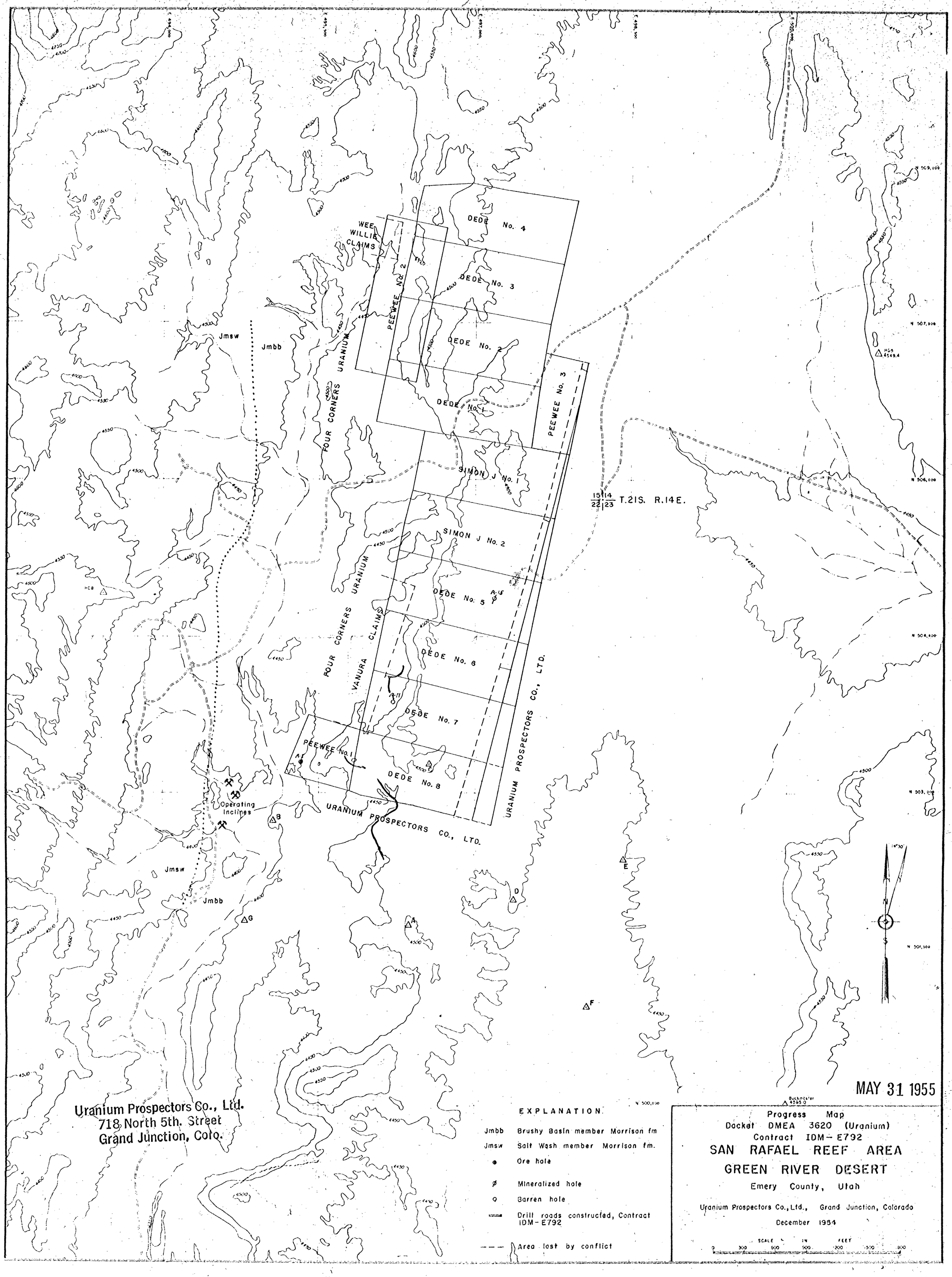
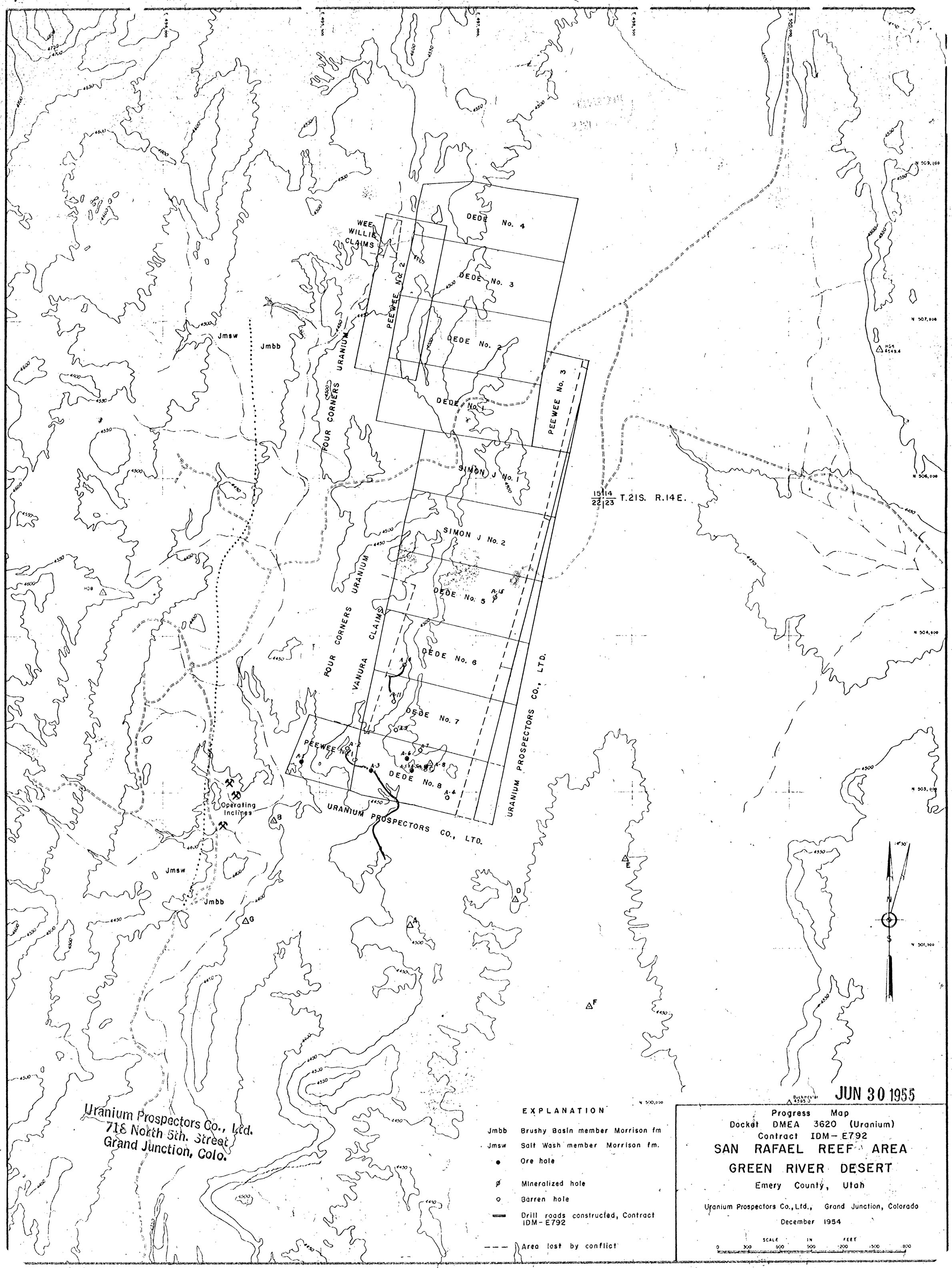
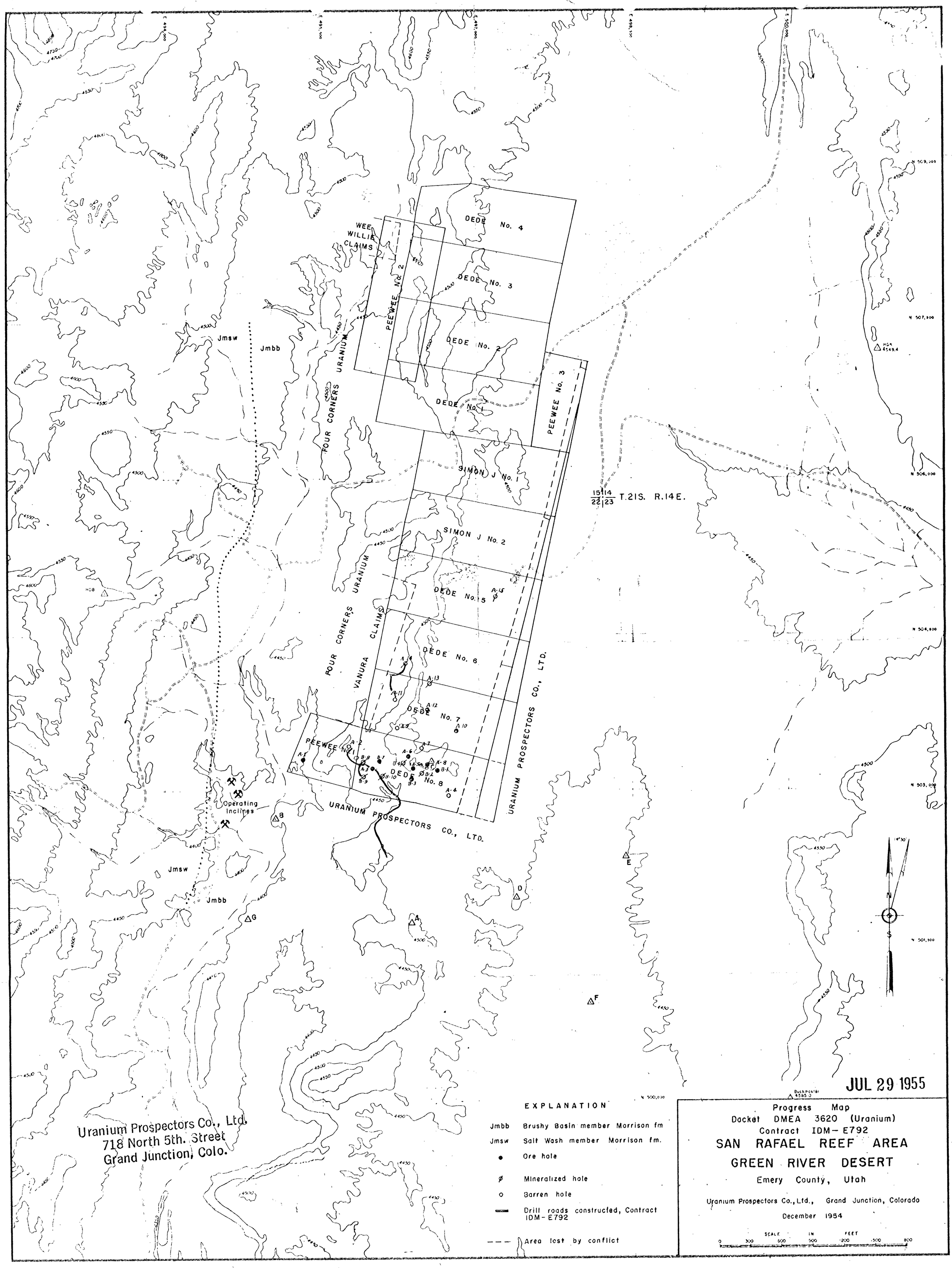


Figure 2. MAP SHOWING LOCATION OF DRILL HOLES ON OR NEAR DEDE, PEE WEE AND SIMON J GROUPS OF CLAIMS AND PROPOSED DRILL HOLES, URANIUM PROSPECTORS, COMPANY LTD.
EMERY COUNTY, UTAH


WEE WILLIE CLAIMS
PEEWEE No. 2
DEDE No. 4
DEDE No. 3
DEDE No. 2
DEDE No. 1
PEEWEE No. 3
SIMON J No.
SIMON J No. 2
DEDE No. 5
DEDE No. 6
DEDE No. 7
DEDE No. 8
PEEWEE No. 1
FOUR CORNERS URANIUM
FOUR CORNERS URANIUM CLAIMS
VANURA
URANIUM PROSPECTORS CO., LTD.
URANIUM PROSPECTORS CO., LTD.
15 14 / 22 23 T.21S. R.14E.
Jmsw
Jmbb
Operating Inclines
MAY 31 1955
Uranium Prospectors Co., Ltd.
718 North 5th. Street
Grand Junction, Colo.
EXPLANATION
Jmbb Brushy Basin member Morrison fm
Jmsw Salt Wash member Morrison fm.
Ore hole
Mineralized hole
Barren hole
Drill roads constructed, Contract IDM-E792
Area lost by conflict
Progress Map
Docket DMEA 3620 (Uranium)
Contract IDM-E792
SAN RAFAEL REEF AREA
GREEN RIVER DESERT
Emery County, Utah
Uranium Prospectors Co., Ltd., Grand Junction, Colorado
December 1954
SCALE IN FEET
0 300 600 900 1200 1500 1800



Uranium Prospectors Co., Ltd.
718 North 5th. Street
Grand Junction, Colo.


DEDE No. 4
DEDE No. 3
DEDE No. 2
DEDE No. 1
PEEWEE No. 3
PEEWEE No. 2
WEE WILLIE CLAIMS
SIMON J No. 1
SIMON J No. 2
DEDE No. 5
DEDE No. 6
DEDE No. 7
DEDE No. 8
PEEWEE No. 1
FOUR CORNERS URANIUM
VANURA CLAIMS
URANIUM PROSPECTORS CO., LTD.
15 14 / 22 23 T.21S. R.14E.
Jmsw
Jmbb
Operating Inclines
HOB
HGR 4549.4
Buckmaster 4585.0
N 509,000
N 508,000
N 507,000
N 506,000
N 505,000
N 504,000
N 503,000
N 501,500
N 500,000
E 494,000
E 495,000
E 496,000
E 497,000
E 498,000
E 499,000
E 500,000
JUL 29 1955
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718 North 5th. Street
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