DMEA Form 9
(Rev. 5/57)

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Idm-E No.____

DMEA NO. 4758

Application (Denied ✓
(~~Withdrawn~~
(After disposition, delete items not applicable)

Contract
(Terminated - not Certified
(Cancelled
(Terminated - Certified
(Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

Royalty Audits 1/
Certification of Discovery
Cost Audits 2/
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments
Contract with all exhibits and annexes
✓ Owner's Consent to Lien
✓ Subordination Agreement
✓ Application and attachments
Envelope for maps

Right Side

Project summary
Work completed analysis
All other material filed in chronological order including the following reports if checked:

Field Team Semi-Annual Report for Certified Project
Final Field Team Report (Tab)
Operator's Final Report (Tab)
Interim Field Team Reports
Operator's monthly reports and all attachments
✓ On-site Exam Report (Tab)
Settlement Sheets
Drill Logs

Additional Folders:

Left Side

Folder No.____:
Analysis of Semi-Annual Inspection Reports
Interim Summary Reports by DMEA Engineers

Right Side

Field Team Semi-Annual Report for Certified Project
Field Team Interim Reports
Operator's Monthly Report with transmittal, narrative, maps.

Folder No.____: Maps (Use pocket folder or envelope.)

Folder No.____: Settlement Sheets

Folder No.____: Drill Logs

Folder No.____: Royalty material

1/ Or reports of royalty review
2/ Or cost reports of review

16592

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

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June 7, 1957

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Application for DMEA AID, (Uranium) Utah ~~Plateau~~
Uranium Corporation (Black Oxide et al Claims)
San Juan County, Utah

Enclosed are the original and one copy of the subject application. One copy of the application is being forwarded to the Grand Junction Office, DMEA. One copy of the application is being retained in our file.

The Applicant proposes to explore a mineralized target area by 27,800 feet of drilling and 1,000 feet of drifting at a total estimated project cost of $188,750.

Cursory inspection of the application indicates the lowest bid submitted was not used in estimating the cost for road construction and drill site preparation.

E. N. Harshman

E. N. Harshman
Acting Executive Officer

MF-205
(Combines and Supercedes MF-201 and MF-203)

For Government Use
EXPLORATION PROJECT
Operator
Docket No. DMEA-
Contract No. Idm-
Contract Date

CONSENT TO LIEN
AND
SUBORDINATION AGREEMENT 1/

To the United States of America:

Referring to that certain land in the County of San Juan, State of Utah, described as follows: 2/

NAMES OF CLAIMS	LOCATION NOTICES RECORDED IN SAID COUNTY	
	BOOK	PAGE
Black Oxide	R-1	491
Tacoma	R-3	540
Columbia	R-3	541
Boston	R-3	541
Happy Day	R-3	541
Scenic	R-3	541
Cherokee	R-3	540
May Day	R-3	540
Little Spring	R-3	539
Rim	R-3	539
Compton	R-3	539
Portland	R-3	538
Snohomish	R-3	538
Oregon	R-3	538
Black Rock	R-3	538
Bremerton	R-3	537
4 o'clock	R-3	537
Yakima	R-3	537
Lucky 13	R-3	440
Lucky 7	R-3	439
Little Jewel	R-3	439
Slim Chance	R-3	438
Five (5) Mile	R-3	438
Sleepy	R-3	439

which are also named and designated as SAND BAR NOS. 1 to 24, inclusive, comprising the same area as the above mentioned claims,

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

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UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

[illegible] severed from [illegible] removed, or [illegible] under the contract; and the Government's interest [illegible] in such property shall be prior and superior to any [illegible] or claim of the undersigned.

2. Grants to the Government a lien upon all of [illegible] signed's right, title, and interest in the land and upon [illegible] duction of minerals therefrom, to secure the payment to the Government of a percentage royalty on production as may be [illegible] for by the Contract;

3. Subordinates the undersigned's right, title, claim, or interest in or against the land and in any production therefrom to the rights of the Government under the contract with respect [illegible] royalty on production and liens to secure same;

. Represents and undertakes that there is no claim, lien or encumbrance upon the undersigned's right, title, claim, or interest in or against the land other than the following: NONE

5. Undertakes and agrees (a) neither to commit any [illegible] assert any claim in conflict with the provisions of this Agreement and (b) to give advance notice of the Government's rights under this Agreement to any subsequent transferee, mortgagee, or [illegible] cer, or lessee of any of the undersigned's right, title, claim, or interest in or against the land, or any production therefrom furnishing the Government with two copies of such notice; and

6. Consents to all amendments (including an agreement of termination) and assignments of the contract without notice thereof, and undertakes and agrees that this Agreement shall [illegible] and apply thereto.

7. Added provisions: NONE

Dated this 2nd day of ~~January~~ May, 1957.

Byron A. Howard	Huntington, Utah Address
M. L. Guymon by his Attorney in fact, Byron A. Howard	Elko, Nevada Address
LeGrande L. Belnap by his Attorney in fact, Byron A. Howard	Salt Lake City, Utah Address
Willis H. Howard by his Attorney in fact, Byron A. Howard	Huntington, Utah Address

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

STATE OF UTAH)
: ss.
County of Carbon)

On this 2nd day of January, A.D., 1957, personally appeared before me Byron A. Howard, M. L. Guymon, by his attorney in fact, Byron A. Howard, LeGrande L. Belnap, by his Attorney in fact, Byron A. Howard, Willis H. Howard, by his Attorney in fact, Byron A. Howard, the signers of the above and foregoing instrument, who duly acknowledged that they executed the same.

Lola Gallagher
Notary Public
Residing at: ~~Price~~ Helper, Utah

My Commission Expires:
May 10, 1960
~~April 2, 1958.~~

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

[illegible] and Supercedes MF-201 and [illegible])

For [illegible]

EXPLORATION PROJECT [illegible]
Operator _____
Docket No. DMEA-_____
Contract No. Idm-[illegible]
Contract Date _____

CONSENT TO LIEN
AND
SUBORDINATION AGREEMENT 1/

[illegible] the United States of America:

Referring to that certain land in the County of San Juan, State of [illegible] described as follows: 2/

NAMES OF CLAIMS	LOCATION NOTICES RECORDED IN SAID [illegible] BOOK	PAGE
Black Oxide	R-1	49[illegible]
Tacoma	R-3	540
Columbia	R-3	54[illegible]
Boston	R-3	541
Happy Day	R-3	541
Scenic	R-3	541
Cherokee	R-3	540
May Day	R-3	540
Little Spring	R-3	5[illegible]9
Rim	R-3	539
Compton	R-3	[illegible]
Portland	R-3	538
Snohomish	R-3	538
Oregon	R-3	[illegible]
Black Rock	R-3	536
Bremerton	R-3	537
4 o'clock	R-3	537
Yakima	R-3	537
Lucky 13	R-3	140
Lucky 7	R-3	439
Little Jewel	R-3	[illegible]
Slim Chance	R-3	4[illegible]
Five (5) Mile	R-3	4[illegible]
Sleepy	R-3	4[illegible]

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DATE	INITIALS	CODE

which are also named and designated as SAND BAR Nos. 1 to [illegible], inclusive, comprising the same area as the above mentioned claims,

which is the subject of a proposed exploration project contract, herein 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, removed from the land, and removed, as may be provided in the contract, so 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 [illegible] of production as may be provided for by the Contract;

3. Subordinates the undersigned's right, title, claim, [illegible] in or against the land and in any production therefrom to the rights of the Government under the contract with respect to royalty on production [illegible] secure same;

4. Represents and undertakes that there is no claim, lien, [illegible]

UTAH PRINTING [illegible]
20 N. CARBON AVE.
PRICE, UTAH

[illegible] the undersigned rights, title, claim, or [illegible] [illegible] other than the following: NONE

[illegible]. Undertakes and agrees (a) neither to commit any [illegible] in conflict with the provisions of this Agreement; and [illegible] of the Government's rights under this Agreement [illegible] trustee, mortgagee, [illegible], or lessee of any [illegible] right, title, claim, or interest in or against the [illegible] therefrom furnishing the Government with two copies [illegible]

[illegible]. Consents to all amendments (including an agreement [illegible] assignments of the contract without notice thereof, and [illegible] that this Agreement shall extend and apply thereto.

7. Added provision: NONE

Dated this 21st day of ~~December~~ January, 1957.

[illegible]
Surviving Widow of [illegible] Howard, deceased.

Tooele, Utah

Attorney

STATE OF UTAH)
) SS.
CITY OF TOOELE)

On the 21st day of January, 1957, personally appeared before [illegible], Helen R. Howard, known by me to be the surviving widow of [illegible] Howard, deceased, and signer of the within instrument and who [illegible] duly acknowledged to me that she executed the same.

[illegible]
Notary Public
Tooele, Utah

[illegible] Commission expires
[illegible] 6, 1958

Page [illegible]
[illegible]
20 N. [illegible]
PRICE, UTAH

MEE-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved.
Budget Bureau No. 42-R1035.2.

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DMEA
DEPARTMENT OF THE INTERIOR
JUN 6 - 1957
REGION III
DENVER, COLORADO

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. 4758
Metal or Mineral URANIUM
Date Received 6-10-57
Estimated Cost $ 188,750
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Utah Plateau Uranium Corp., a Utah Corporation principal place of business at 20 North Carbon Ave., Price, Utah.

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers. See Supplement

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract See Supplement

(*b*) State any mine name by which the property is known. See Supplement

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Lessee - see supplement

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. See Supplement

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See supplement

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See supplement

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See supplement

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. See Supplement

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power. See supplement

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore uranium

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc. See supplement and exhibits

(*c*) The work will start within 45 days and be completed within 12 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. See supplement

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs? money, use of equipment and other.

[X] Money [X] Use of equipment owned by you [X] Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated June 3rd, 1957

UTAH PLATEAU URANIUM CORPORATION
(Applicant)

By F. K. Colombo

President
20 North Carbon Avenue
Price, Utah

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

SUPPLEMENT TO APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED.

1. Utah Plateau Uranium Corporation, a Utah Corporation, with its principal place of business at 20 North Carbon Avenue, Price, Utah.

(c) That the applicant is a Utah Corporation, and that the titles, names and addresses of the officers are as follows:

President-Director -- F. V. Colombo, 20 North Carbon Ave. Price, Utah.
Vice-President-Director -- F. T. Jones, 17 So. Carbon Ave. Price, Utah
Sec'y-Treasurer & Director -- Thorit Hatch, 155 So. Main, Helper, Utah
Director -- A. R. Demman, 131 S. Main St., Helper, Utah.
Director -- George T. Jackson, 650 N. 1st E., Price, Utah.
Director -- Ray Leavitt, 271 North 5th Ave., Price, Utah
Director -- Julius Christianson, Provo, Utah.
Director -- Robert Stone, Provo, Utah

3. (a) Beginning at a point 3260 feet South and 1335 feet East of a meander corner located on the West side of the Colorado River in 1923, in Township 34 South, Range 13 East, S L M., running thence 600 feet South 9° West; thence 600 feet South 15° 30' East; thence 590 feet South 6° West; thence 575 South 9° 15' East; thence 600 feet South 16° 2' East; thence 600 feet South 8° East; thence 600 feet South 20° East; thence 600 feet South 21° East; thence 1500 feet South 20° East; thence 600 feet South 26° 35' East; thence 600 feet South 20° East; thence 600 feet South 19° 10' East; thence East 1500 feet; thence 600 feet North 19° 10' West; thence 600 feet North 20° West; thence 200 feet North 26° 35' West; thence East 2000 feet more or less to the Southeast corner of the Yakima claim; thence 1800 feet North 20° West to the Northeast corner of Compton Claim; thence West 900 feet; thence 3000 feet North approximately 19° West to the Northeast corner of the Happy Day Claim; thence 1500 feet North approximately 10° West to the Northeast corner of the Colombia Claim; thence West 1200 feet; thence 800 feet North 9° East to the Northeast corner of the unnamed claim; thence West 1500 feet; thence 600 feet South 9° West more or less to point of beginning.

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(b) The mine operation on said property is known as the Black Oxide.

(c) Lessee

(d) See Exhibit No. 1.

(f) Land consists of twenty-four (24) unpatented mining claims. Several filings have been made on these claims, and they overlap and represent the same property. All book and page numbers for each recorded location notice are contained in Exhibit No. 2.

4. (a) There is a mining operation in progress on said property which consists of a tunnel which is located on the Black Oxide claim. This mine consists of a tunnel running in a Northeasterly direction approximately 250 feet, as shown on map which is part of this application and designated as Exhibit No. 3.

(b) Past and current production from said property is as follows:

Date	U_3O_8 lbs	Dry Tons
May, 1954	51.75	25.8765
July, 1954	15.10	7.5500
Dec. 1956	59.20	21.1425
Jan. 1957	230.38	54.8320
Jan. 1957	30.60	6.3745
Feb. 1957	51.42	15.1250
Feb. 1957	215.92	51.4085
Mar. 1957	143.95	55.3645
Apr. 1957	112.61	29.63
Totals	910.93	267.3035

(c) Geological description is included in geological report which is marked Exhibit No. 4.

(d) The property and project is readily accessible. The State highway from Hanksville to Monticello, Utah, passes five miles from this property. We have constructed approximately five miles of private access roads from the public road to our property located South of Hite, Utah, a distance of five miles.

The distances to shipping points are as follows:

1. To the White Canyon buying station, approximately 21 miles.
2. To the mill operated by the National Lead Company at Monticello, Utah, approximately 126 miles.
3. To the Texas-Zinc Company mill located at Mexican Hat, Utah, approximately 105 miles.

(e) There is available in the areas adjacent to the property involved sufficient manpower to carry out and complete the proposed operations. Mining materials, supplies, equipment and manpower are available at Blanding and Monticello, Utah, approximately 126 miles from this property; at Greenriver, Utah, approximately 110 miles from this property; at Price, Utah, approximately 175 miles from this property, and at Moab, Utah, approximately 150 miles from this property. Power can be supplied by air compressors and gasoline or diesel driven equipment.

5. (a) Uranium

(b) The proposed work consists of a total of 27,800 feet of drilling, which shall consist of 46 drill holes at approximately 300 feet each, with 250 feet rotary and 50 feet core, and 35 drill holes of approximately 400 feet each, with 350 feet rotary and 50 feet core.
Drifting of 1000 feet of tunnel following the ore strata in both directions of indicated channel.

In order to carry out the above mentioned drilling project it will be necessary to prepare 65 drill sites, and to construct 3.25 miles of roads to drill sites. Proposed work is shown on map which is part of this application and designated as Exhibit No. 3.

(c) The work will start within 45 days and will be completed within 12 months from the date of exploration.

(d) The various officers and directors of the corporation have had many years of mining and exploration experience, and one, Kenneth Cockran, has been employed to oversee and direct the exploration program. Mr. Cockran has had twenty-five years of experience in exploration and operation of hardrock mines. We plan to obtain the services of competent engineers and geologists to lay out and supervise the proposed exploration program.

6. (a) The following is a detailed estimate of cost of project:

46 drill holes at 300 feet each, 250 feet of each to be rotary at $4.25 per foot, and 50 feet of each to be core at $7.50 per foot.		$ 66,125.00
35 drill holes of approximately 400 feet each, 350 feet of each to be rotary at $4.25 per foot, and 50 feet of each to be core at $7.50 per foot .		$ 72,625.00
(See three drill bids marked Exhibit Nos. 5)		
Drifting 1000 feet of tunnel at $37.00 per foot . . (See bid for tunneling marked Exhibit No. 6)		$ 37,000.00
65 drill sites at $50.00 each	$ 3,250.00	
3.25 miles of road to drill sites at $3,000 per mile	$ 9,750.00	$ 13,000.00
(See Drill site and road bids marked Exhibit No. 7)		
GRAND TOTAL		$ 188,750.00

(b) Itemized statement of numbers, classes and rats of wages and equipment costs are setforth in detail in Exhibit No. 8.

(c) See Exhibit No. 8.

(d) See Exhibit No. 8.

(e) None

(f) None

(g) None

(h) There should be added to the totals listed in labor schedules as setforth in Exhibit No. 8, an additional eight (8%) per cent to cover Workmen's Compensation insurance, Social Security, Unemployment insurance and other indirect costs.

7. (a) We are prepared to furnish our share of the cost of the project in accordance with the regulations on Government participation.

(b) The equipment to be used on said project which will be leased by applicant to project and consists of machinery and equipment setforth in Exhibit No. 8. It is our plan to use the mining equipment and machinery we have acquired; to furnish supervision and other personnel from the members of our corporation as our share of the cost of

the proposed project so far as these items will do so, and to furnish the balance in money.

Dated June 3, 1957.

Respectfully submitted,

UTAH PLATEAU URANIUM CORPORATION

BY F. V. Colombo M D

President

20 North Carbon Avenue

Price, Utah.

NOTE:

We do not propose to carry on the drilling program and the drifting of the tunnel on the Black Oxide claim simultaneously. It is our plan to drill back of the tunneling operation which we now have, and in the event that the drill hole discloses a sufficient showing of ore to justify further operation, we intend to make further exploration by running the tunnel into any ore that may be discovered in the drill hole.

E X H I B I T NO. 1

Exhibit No. 1 consists of:

LEASE AND AGREEMENT

AGREEMENT

ASSIGNMENT OF LEASE

AGREEMENT

POWER OF ATTORNEY

POWER OF ATTORNEY

POWER OF ATTORNEY

POWER OF ATTORNEY

QUIT CLAIM DEED

CONSENT TO LIEN
AND
SUBORDINATION AGREEMENT 1/

CONSENT TO LIEN
AND
SUBORDINATION AGREEMENT 1/

The documents contained in Exhibit No. 1 setforth the rights of the Utah Plateau Uranium Corporation inunto the property herein described.

LEASE AND AGREEMENT

This lease and agreement made and entered into this 19th day of December, 1952 by and between Bryon A. Howard, Bruce S. Howard, and Willis M. Howard all of Huntington, Utah, Lessors and [illegible] E. Peterson and A. G. Reid of Seattle, Washington, Lessees

WITNESSETH:

1. Lessors hereby lease to lessees and lessees lease from lessors for a term of 40 years the following described unpatented uranium and vanadium mining claims situated approximately 5 miles down the river from the White Ferry in San Juan County, Utah:

Lucky Seven	Black Oxide
Tecoma	Portland
4:0'clock	Boston
Rim	Yakima
Bremerton	May Day
Columbia	Black Rock
Scenic	Oregon
Snohomish	Little Spring
Compton	Cherokee
Lucky 13	Sleepy
Slim Chance	5-Mile
Little Jewel	Happy Day

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2. Lessees agree to take immediate possession of said claims and to mine, work, and develop the same in accordance with good mining practices.

3. Lessees shall have a right to surrender this lease at any time provided that at the time of such surrender they are not in default in performance of any of their covenants herein set forth and provided they give to the lessors at least 60 days prior written notice of the effective date of such termination and provided further that they have performed sufficient labor in the year in which they make such surrender to hold said claims under the laws of the United States and the State of Utah for such assessment year. So long as [illegible] Lessees shall have the right to [illegible]

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

[illegible]

[illegible]

said [illegible] per cent shall be [illegible] on the returns which [illegible] receive from the ore purchasing agency [illegible] paid under the [illegible] development allowances and the haulage allowances [illegible] program. The haulage allowance [illegible] the [illegible] allowances shall belong to the lessee [illegible] development allowances [illegible] used and expended solely for the purpose of [illegible] haulage settlement sheets as set are received from said claims shall be furnished to lessors as the same are received and [illegible] ore purchasing agency will do [illegible] the [illegible] paid to lessors shall be [illegible] directly [illegible] agency and if for any reason said arrangement [illegible] then lessee agree to pay [illegible] after they receive their [illegible] settlements. [illegible] keep accurate and complete books, records, maps, and surveys of said property and the same shall be available for the use, inspection and looking for lessors at any [illegible] all times [illegible]

6. Throughout the life [illegible] this lease [illegible] agree to [illegible] the annual assessment work required to hold said claims under [illegible]

UTAH PLATEAU URANIUM CORP.
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mining laws, to duly post notices and file proof of labor as required by law commencing with the assessment year ending July 1, 1954 and they agree to carry all state and federal insurances, compensations, and liability coverages which are or may be required by law and to save lessors harmless on account thereof and to also save them harmless on account of any accident or liability whatsoever which may arise or grow out of their operations of said mining claims.

7. In consideration of the execution of this lease by lessees and for $3000.00 receipt of which is hereby acknowledged, lessors hereby grant to lessees the right to purchase the said mining claims at any time to and including 3 years from date hereof at the total purchase price of $150,000.00. In the event lessees to exercise this option to purchase said property said $3000.00 plus any and all royalties paid from date hereof until said option is exercised shall apply on the said purchase price.

8. In the event suit is filed contesting the validity of any said claims, except insofar as any alleged invalidity is chargeable to acts or omissions of lessees, lessors shall use their best efforts to maintain and establish title thereto and they shall stand the costs and expenses of such litigation and they agree to save lessees harmless on account of any labor or material liens which may be assessed against said property on account of lessors ownership or operation thereof, and lessors upon receipt of the said total purchase price shall make, execute, and deliver to lessees a mineral quit claim deed to said mining claims.

9. Any royalty not paid when due shall bear interest at the rate of 10 per cent per annum both before and after judgment and

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in the event of the failure of lessees to pay any of such royalty within 30 days from the date the same falls due or in the event that lessees fail to rectify any other alleged breach of this contract within 60 days after being notified in writing of the existence thereof by lessors, the lessors shall have the right to wholly cancel and terminate this agreement.

10. At the expiration of the term of this lease or at its earlier termination lessees shall have the right to remove their personal property and equipment situated thereon provided they are not then in default in the performance of any of their covenants hereunder.

11. In the event either of the parties hereto employs an attorney to enforce any of the provisions of this agreement or to pursue any remedies on account of the breach thereof the losing parties agree to pay all court costs and a reasonable attorney's fee.

IN WITNESS WHEREOF the parties hereto have set their hands to this instrument in quadruplicate this 14th day of December, 1953.

LESSORS:

Bryon A. Howard

Agent for Bruce S. Howard

Agent for Willis H. Howard

LESSEES:

UTAH PLATEAU URANIUM CORP.
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Exhibit I

(5)

A G R E E M E N T

This agreement made and entered into this 16th day December, A.D., 1955, by and between A. G. Reid of Seattle, ... ington, and L. R. Peterson, of Salt Lake City, Utah, hereinafter referred to as first parties, and Dr. F. T. Jones and Dr. F. ... Colombo, both of Carbon County, Utah, hereinafter referred to as second parties,

WITNESSETH:

WHEREAS the first parties hereto are the owners of a lease and agreement made and entered into between said second parties, as lessees, and Byron A. Howard, Bruce S. Howard, and Willis H. Howard, as lessors, and dated the 16th day of December, 1955, whereby they are leasing 24 mining claims located approximately five miles downstream on the Colorado River from the White Ferry in San Juan County, Utah, said claims are particularly described and set forth in said lease and agreement, a copy of which is hereto attached and labeled "Exhibit A" and by reference made a part of this agreement.

AND WHEREAS the parties to this agreement desire to form a corporation for the purpose of developing said mining property described and set forth in said "Exhibit A".

NOW, THEREFORE, in consideration of the covenants and agreements hereinafter contained, said parties hereto agree as follows:

1. That the first parties for and in consideration of the sum of $3,000.00, paid to them by said second parties, the receipt whereof is hereby acknowledged, do hereby assign and set over unto said second parties the lease and agreement attached hereto and marked "Exhibit A".

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2. That the [illegible] rties hereto shall form [illegible] at the earliest possible date hereafter, under the [illegible] "C lorado Plateau Uranium Corporation", which will be [illegible] the laws of the state of Ut[illegible]. As soon as said corp[illegible] organized, said lease and agreement (Exhibit A) shall [illegible] to said corporation by the second parties.

3. That said corporation shall be organized under the terms set forth on the attached document, [illegible] and by such referrence expressly made a part of this [illegible].

4. That the parties hereto understand [illegible] the first parties have tentatively and orally agreed with [illegible] third party to lease not more than one-half of the [illegible] cribed on "Exhibit A" hereof. If said tentative oral agree[illegible] is carried through and said third party leases said one-[illegible] said claims, it is understood that the lease will be given [illegible] said third party by the corporation after its organization [illegible] lease to said third party shall be in consideration of the [illegible] of $[illegible],000.00, and a reservation of at least fifteen [illegible] royalty on the net mill returns f r all ores mined therefr[illegible]. The claims to be leased to said third party shall be [illegible] the first parties and second parties hereof at the time [illegible] execution of such lease to said third party. If said tent[illegible] oral agreement to lease is not a reed upon within thirt[illegible] after the organization of said corporation, then [illegible] event the corporation shall be free to lease such c[illegible] party or parties that it so desires, and upon such ter[illegible] be agreed upon.

UTAH PLATEAU URANIUM CORP.
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1 [illegible]

ASSIGNMENT OF LEASE

KNOW ALL MEN BY THESE PRESENTS:

That we, Dr. F. V. Colombo and Dr. F. T. Jones, [illegible] of Price, Carbon County, State of Utah, for and in consideration [illegible] the sum of Ten ($10.00) dollars and other good, valuable, [illegible] sufficient consideration, to us in hand paid by the Utah [illegible] Uranium Corporation, a Utah corporation, with its principal [illegible] of business at 17 South Carbon Avenue, Price, Utah, receipt [illegible] of is hereby acknowledged, do by these presents sell, [illegible], assign, transfer and set over unto said Utah Plateau Uranium [illegible]poration, all of our right, title and interest in and to [illegible] certain Lease and Agreement bearing date the 16th day of [illegible] 1953, wherein Byron A. Howard, Bruce S. Howard and Willis [illegible] all of Huntington, Utah, appear as lessors and L. [illegible] Peterson and A. G. Reid of Seattle, Washington, appear as lessees [illegible] Lease and Agreement was assigned to the undersigned by [illegible] Peterson and A. G. Reid [illegible] Agreement bearing date the [illegible] of December, A.D., 1[illegible], [illegible] which Lease and Agreement [illegible] premises situated and being in San Juan County, Utah and [illegible] of Twenty-four (24) unpatented lode mining claims [illegible] set forth in the notices of location recorded [illegible] the county recorder of San Juan County, Utah [illegible]

Name of Claim	Book	Page
Black Oxide	R-1	491
Decorma	R-[illegible]	[illegible]
Columbia	R-[illegible]	141
Boston	R-[illegible]	[illegible]
Happy Day	R-[illegible]	[illegible]
Scenic	R-[illegible]	141
Cherokee	R-[illegible]	[illegible]
Lay Day	R-[illegible]	[illegible]
Little Spring	R-[illegible]	[illegible]
Kim	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]ntland	R-[illegible]	[illegible]
[illegible]nchorish	R-[illegible]	[illegible]
[illegible]reen	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]erton	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
Little [illegible]vel	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]
[illegible]	R-[illegible]	[illegible]

UTAH PLATEAU URANIUM CORP.
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PRICE, UTAH

NOTARY
PUBLIC
PRICE, STATE OF UTAH

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

EXHIBIT B

Corporation to be formed shall be as follows:

1. It shall be named "Colorado Plateau Uranium Corporation."

2. It shall be organized under the laws of the State of Utah.

3. The names and addresses of the incorporators are as follows:

Dr. F. W. Coloma, of Grosvenor, Utah,
Dr. F. T. Jones, of Price, Utah,
L. H. Peterson, of Salt Lake City, Utah,
A. G. Reid, of Seattle, Washington,
Luke G. Pappas, of Price, Utah.

Said corporation shall be capitalized for 1,000,000 of stock having a share value of 1¢ per share.

Said shares shall be subscribed to as follows:

~~8~~5,000 shares to each of the following:

Dr. F. W. Coloma,
Dr. F. T. Jones,
A. G. Reid,
L. H. Peterson.

40,000 shares of stock shall be given to Luke G. Pappas.

2,500,000 shares of stock shall be retained in the corporation as treasury stock.

The officers of the corporation shall be the following, to wit:

President - Dr. F. W. Coloma,
Vice-President - A. G. Reid,
Sec.-Treas. - Luke G. Pappas,
Director - Dr. F. T. Jones,
Director - L. H. Peterson.

R 1841
10-2-57 10'72 100 158

UTAH PLATEAU URANIUM CORP.
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[illegible] S. PAPPAS
NOTARY
PUBLIC
PRICE, STATE OF UTAH

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

(E X H I B I T No. 2)

A G R E E M E N T

This Agreement made and entered into this _____ day of July, A.D., 1956, by and between the Utah Plateau Uranium Company, a Utah corporation, with its principle place of business at [illegible] South Carbon Avenue, Price, Utah, hereinafter referred to as Company, and BYRON A. HOWARD and WILLIS H. HOWARD both of Huntington, Emery County, Utah, hereinafter referred to as owners,

WITNESSETH:

WHEREAS, the Company, by assignment, is now the owner of a lease and agreement dated December 16, 1953, wherein BYRON A. HOWARD, BRUCE S. HOWARD, and WILLIS H. HOWARD appear as lessors and L.R. PETERSON and A.G. REID, appear as lessees, to twenty-[illegible] unpatented mining claims located approximately Five (5) miles [illegible] the Colorado River from the Hite Ferry in the State of Utah,

AND, WHEREAS, since obtaining said lease by assignment, a litigation has been filed in the District Court of San Juan County, concerning the title to the afore mentioned claims,

AND, WHEREAS, the owners by virtue of said lease and agreement were responsible to defend the company's possession of said premises and thus defend said law suit,

AND, WHEREAS, the owners desire that the company take over said litigation and defend same,

AND, WHEREAS, said company is willing to undertake said litigation for the consideration and on the conditions hereinafter mentioned and set forth,

NOW, THEREFORE, in consideration of the covenants and agreements hereinafter contained the parties hereto agree as follows:

1. That the company will undertake to defend that certain litigation now on file in the District Court in San Juan County and entitled Civil No. 848.

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2. That the owners [illegible] said company [illegible] contesting said litigation [illegible] said litigation [illegible] and agreement, if said company believes that such [illegible] be to the best interest of said company and the owners [illegible]

3. That as a consideration for undertaking [illegible] the owners herein agree that Paragraph 5 of the aforesaid lease and agreement and any other provisions of said [illegible] agreement in conflict herewith, to the extent that the royalty Twelve and one-half (12½%) per cent provided for in said [illegible] agreement, be changed to three-(3%) per cent; that is [illegible] company shall pay the owners a royalty on the net [illegible] all ores sold from said premises a sum equal to [illegible] instead of the Twelve and one-half (12½%) per cent [illegible] said lease and agreement, less the haulage and [illegible] ances; that said change shall continue for term set forth [illegible] lease and agreement and for as long as it shall remain in [illegible] and effect.

IN WITNESS THEREOF the parties have hereunto [illegible] this [illegible] day of July 1946.

UTAH PLATEAU URANIUM CORPORATE SEAL

[illegible]

[illegible]

By [illegible]
Attorney-in-[illegible]
(Owners)

UTAH PLATEAU URANIUM [illegible]

By [illegible]
President
(Company)

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That we , the undersigned, Bruce S. Howard and Willis H. Howard, both of Teele, Utah, do hereby appoint and nominate Byron A. Howard of Huntington, Emery County, Utah, as our true and lawful Attorney in Fact, with full authority to sign any and all contracts, leases or other legal documents that may be necessary in representing us in the location and [illegible] mining claims situated approximately [illegible] miles downstream on the Colorado River from the Hite Ferry in San Juan County, Utah and more particularly described as follows;

Lucky seven	Black Oxide
[illegible]	Portland
4:Colock	Boston
Kim	Yakima
Brewerton	May Day
Columbia	Black Rock
[illegible]	[illegible]
Snow [illegible]	[illegible]
Lorraine	Cherokee
[illegible]	Treasury
Gila [illegible]	[illegible]
Little Jewel	[illegible]

That said mining claims are owned jointly by the undersigned and by said Attorney in fact.

We, the undersigned, hereby specifically authorize our said attorney in fact, Byron A Howard, to sign that certain lease and agreement to be entered into by the undersigned and said Byron A. Howard as lessors and [illegible] as A.G. Reid as lessee; In the event that said lease & agreement has heretofore already been executed and signed, we hereby ratify and confirm the signature of [illegible] thereto by our said Attorney in Fact.

Dated this 29, day of December 1953.

Bruce S. Howard

Willis H. Howard

State of Utah
County of _____ ss.

On this 29, day of December 1953, personally appeared before me Willis H. Howard and Bruce S. Howard, the signers of the above and foregoing [illegible] and each for himself duly acknowledged to me that he executed the same.

My commission Expires: _____

Notary Public
Residing at: _____

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UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

24 March

Martin L. Grymo

County of Lincoln

24 March

UTAH PLATEAU URANIUM CORP.
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PRICE, UTAH

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

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POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That, I, LeGrande L. Belmap, the undersigned, a part owner of that certain unpatented mining claim known as the Red Oxide Claim, located in San Juan County, Utah, at a point approximately five (5) miles down stream on the Colorado River, from [illegible] Utah, the Notice of Location of said claim being recorded in Book R-1, page 491 in the office of the County Recorder in Monticello, San Juan County, Utah, do hereby appoint as my attorney in fact, Byron A. Howard of Price, Carbon County, Utah, to sell or lease my interest in said claim on such terms or conditions as he may, at his own discretion deem advantageous to our mutual interest.

I hereby specifically ratify and confirm the signature of my said attorney in fact as same appears on that certain Agreement bearing date the 16th day of July, 1956, wherein the Utah Plateau Uranium Corporation, is therein referred to as Lessee, and W. L. Guymon, LeGrande L. Belmap, Byron A. Howard, [illegible] H. Howard are referred to as owners.

This Power of Attorney shall remain in full force and effect until the same is revoked by the undersigned in writing after notice to said attorney in fact or until the same is revoked by death.

Witness my hand this 9 day of Feb, [illegible] 1957.

LeGrande L. Belmap
LeGrande L. Belmap

STATE OF UTAH)
: ss.
County of Salt Lake)

On this 9 day of Feb, A.D., 1957, personally appeared before me LeGrande L. Belmap, grantor, of the Power of Attorney, who is personally known to me, and who acknowledged to me that he executed the same.

[illegible]
Notary Public

Residing at [illegible]

MISS C. LEWIS
NOTARY PUBLIC
COMMISSION EXPIRES
APR. 7, 1960
SALT LAKE CITY STATE OF UTAH

My Commission Expires:

Entry No. P-1845
Date 4-22-57 [illegible]
FEE PAID
$1.60

UTAH PLATEAU URANIUM CORP.
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QUIT CLAIM DEED

THIS DEED made and entered into this 30 day of September, 1956, by MONTIE J. McFADDEN, NEPHI L. FOSTER and RUSSELL WINTERS and MACFOS URANIUM, INC., a Utah corporation, Grantors, to UTAH PLATEAU URANIUM CORPORATION, a corporation, Grantee;

W I T N E S S E T H:

In consideration of Ten Dollars ($10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Grantors hereby quit-claim to Grantee, its successors and assigns, all of their right, title, claim and interest in and to those certain unpatented lode mining claims situate in San Juan County, State of Utah on the East side of the Colorado River approximately three to five miles down river from Hite, Utah, as recorded in the office of the County Recorder of San Juan County, Utah, to-wit:

South View No. 1
South View No. 2
South View No. 3

Blue Jay No. 1
Blue Jay No. 2
Blue Jay No. 3
Blue Jay No. 4

Joe No. 1
Joe No. 2

Yellow Cat No. 1, also known as Yeller Cat No. 1

Yellow Cat No. 2, also known as Yeller Cat No. 2,

which said claims above named conflict on the ground with all or part of the following described claims owned or held by Grantee

Name of Claim	Book	Page
Black Oxide	R-1	491
Tacoma	R-3	540
Columbia	R-3	541
Boston	R-3	541
Happy Day	R-3	541
Scenic	R-3	541
Cherokee	R-3	540
May Day	R-3	540
Little Spring	R-3	539
Rim	R-3	539
Compton	R-3	539
Portland	R-3	538
Snohomish	R-3	538
Oregon	R-3	538
Black Rock	R-3	538
Bremerton	R-3	537
4 o'clock	R-3	537
Yakima	R-3	537
Lucky 13	R-3	440
Lucky 7	R-3	439
Little Jewel	R-3	439
Slim Chance	R-3	438
Five (5) Mile	R-3	438
Sleepy	R-3	439

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also:

The High Reef mining claims numbers 1 to 12, inclusive, as described in Notices of Location recorded in the records of the

UTAH PLATEAU URANIUM CORP.
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County Recorder in San Juan County in Book 47, Pages 97 to 109, inclusive;

also:

The Bow Rim mining claims numbers 1 to 12, both inclusive, as described on the Notices of Location recorded in the Office of the County Recorder in San Juan County, in Book 47, Pages 109 to 120, inclusive;

also:

The Sand Bar mining claims numbers 1 to 24, inclusive, as described on the Notices of Location dated September 5, 1954 and recorded in the office of the County Recorder in San Juan County, Utah, in Book 173 Pages 75 to 98, inclusive.

Together with any and all right, title and interest now held in and to the property and premises covered by said mining claims, whether such titles, claim or interest is based upon the said Notices of Location or Amended Notices of Location or upon any other Notices of Location or Amended Notices of Location or otherwise.

IN WITNESS WHEREOF, these presents are executed as of the day and year first above written.

The officers who sign this deed on behalf of MacFos Uranium, Inc. certify this deed and the transfer represented thereby was duly authorized under a resolution duly adopted by the board of directors of the grantor at a lawful meeting duly held and attended by a quorum.

In witness whereof said grantor has caused its corporate name and seal to be hereunto affixed by its duly authorized officers on October 24, 1956.

Montie J. McFadden

Nephi L. Foster

Russell Winters

MACFOS URANIUM, INC.

By L. D. Gardner

President

Secretary

STATE OF NEW MEXICO)
) ss.
COUNTY OF Santa Fe)

On the 17th day of ~~September~~ October, 1956, personally appeared before me MONTIE J. McFADDEN, one of the signers of the foregoing instrument who duly acknowledged to me that he executed the same.

Elvera B. Wieder

Notary Public
Residing in: Santa Fe, N.M.

My Commission Expires: [illegible], 1959

UTAH PLATEAU URANIUM CORP.
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PRICE, UTAH

P. 847
4-2257 10 9a

STATE OF UTAH)
) ss.
COUNTY OF CARBON)

On the 30 day of September, 1956, personally appeared before me NEPHI L. FOSTER, one of the signers of the foregoing instrument who duly acknowledged to me that he executed the same.

My Comm Exp: 6-10-58

Notary Public
Residing in: Price

STATE OF UTAH)
) ss.
COUNTY OF CARBON)

On the 30 day of September, 1956, personally appeared before me RUSSELL WINTERS, one of the signers of the foregoing instrument who duly acknowledged to me that he executed the same.

My Comm Exp: 6-10-58

Notary Public
Residing in: Price

STATE OF UTAH)
) ss.
COUNTY OF)

On this _____ day of September, 1956, personally appeared before me _____, who being by me first duly sworn did say that he, the said _____, is the _____ of MacFos Uranium, Inc., a Utah corporation, and that the within and foregoing Quit Claim Deed was signed in behalf of said corporation by authority of its Board of Directors and that he duly acknowledged to me that said corporation executed the same and that the seal affixed is the seal of said corporation.

Notary Public
Residing in:

STATE OF UTAH)
) ss.
COUNTY OF SALT LAKE)

On the 24 day of October, 1956 personally appeared before me L. D. Gardner and F. L. Maxwell, who being by me duly sworn, each for himself, that he, the said L. D. Gardner is the [illegible] and he, the said F. L. Maxwell is the secretary of the [illegible] Inc., and that the within and foregoing instrument was [illegible] of said corporation by authority of a resolution of [illegible] Directors and said L. D. Gardner and F. L. Maxwell [illegible] to me that said corporation executed the same and [illegible] is the seal of said corporation.

Notary Public
Residing in Salt Lake [illegible]

My commission expires: Feb 6, 1959

UTAH PLATEAU URANIUM CORP.
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END OF EXHIBIT NO. 1

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EXPLANATION OF EXHIBIT NO. 2

The numerous claims setforth in Exhibit 2 covers the property which is regularly described in Paragraph 3-A of application. In Exhibit No. 2 there are a large number of claims setforth. The reason for this is that this property has been located on several occasions. The property covered when originally located was in a withdrawn area, and when this property was released by the Federal Powers Commission and the U S Department of Interior, new locations were made in compliance with the Stipulations contained in the releases by the two above mentioned federal agencies. The property was also filed on by one, Montie J. McFadden, Nephi L. Foster, and Russel Winters of the Macfos Uranium, Inc., a Utah Corporation. This filing created a confliction in interest which resulted in litigation. The litigation was settled and the interests of the last mentioned parties was conveyed to applicant by Quit Claim Deed, which is a part of Exhibit No. 1.

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Claim (Page) Name	No.	Nature Instr.	Date of Instr.	Date of Record	Book	Page	Grantor or Locator	Grantee or Remarks
TITLE INFORMATION OF UTAH PLATEAU URANIUM COMPANY								
South View 1	to 3	Notice of Location	9/18/53	9/23/53	35	446-447	Monte J. McFadden	Filed San Juan Co.
Yellow Cat 1	to 3	Notice of Location	10/1/53	10/3/53	13	430-431	"	San Juan Cty
Blue Jay	1	"	10/21/53	10/29/53	29	461	" "	" " "
Blue Jay 2	to 4	"	10/21/53	10/22/53	25	461-462	" "	" "
Joe 1	to 3	"	11/3/53	11/5/53	31	529-530	" "	" "
Black Oxide		"	2/6/48	5/5/48	R-1	491	C. X. Bacon M. L. Guyman	" "
Black Oxide		Quit Claim Deed	4/14/49	10/31/49	R-2	115	C. X. Bacon	" "
Black Oxide		Labor Lien	8/1/49	8/1/49	R-2	74	M. L. Guyman	" "
Black Oxide		Quit Claim Deed	11/4/49	5/4/50	R-2	150	M. L. Guyman & wife	" "
Black Oxide		Amended notice of Location	12/2/53	12/2/53	41	57	B. A. Howard	" "
Lucky	13	Notice of Location	4/13/51	4/18/51	R-3	440	Stott Howard & Willis Howard	" "
Lucky	12	Amended Not. of Location	12/1/53	12/2/53	41	76	" "	" "
Lucky	7	Notice of Location	4/13/51	4/18/51	R-3	439	" "	" "
Lucky	17	Amend. Not. of Location	12/1/53	12/2/53	41	75	" "	" "
Little Jewel		Notice of Location	4/13/51	4/18/51	R-3	439	" "	" "
Little Jewel		Amend. Not. of Location	12/1/53	12/2/53	41	80	" "	" "
Sleepy		Notice of Location	4/13/51	4/18/51	R-3	439	" "	" "
Sleepy		" "	12/1/53	12/2/53	41	77	" "	" "
Slim Chance		" "	4/13/51	4/18/51	R-3	438	" "	" "
Slim Chance		Amend. Not of Location	12/1/53	12/2/53	41	78	" "	" "
Five Mile		Notice of Location	4/13/51	4/18/51	R-3	438	" "	" "
Five Mile		Amend. Not of Location	12/1/53	12/2/53	41	79	" "	" "
Tocoma		Notice of Location	5/25/51	6/8/51	R-3	540	" "	" "
Tacoma		Amended Not. of Location	12/1/53	12/2/53	41	66	" "	" "
Columbia		Notice of Location	5/25/51	6/8/51	R-3	541	" "	" "

UTAH PLATEAU URANIUM CORP.
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Claim (PAGE 2) Name	No.	Nature Instr.	Date of Instr.	Date of Record	Book	Page	Grantor or Locator	Grantee or Remarks
Colombin		Amend.Not. of Location	12/1/53	12/2/53	41	64	Stott Howard and Willis Howard	Filed San Juan Cty
Boston		Notice of Location	5/25/51	6/8/51	R-3	541	" "	" "
Boston		Amend. Not. Of Location	12/1/53	12/2/53	41	50	" "	" "
Happy Day		Notice of Location	5/25/51	6/8/51	R-3	541	" "	" "
Happy Day		Amend. Not. of Location	12/1/53	12/2/53	41	72	" "	" "
Scenic		Notice of Location	5/25/51	6/8/51	R-3	541	" "	" "
Scenic		Notice of Location	12/1/53	12/2/53	41	67	" "	" "
Cherokee		Notice of Location	5/25/51	6/8/51	R-3	540	" "	" "
Cherokee		Amend. Not. Of Location	12/1/53	12/2/53	41	73	" "	" "
May Day		Notice of Location	5/25/51	6/8/51	R-3	540	" "	" "
May Day		Amend. Not. of Location	12/1/53	12/2/53	41	63	" "	" "
Little Spring		Notice of Location	5/25/51	6/8/51	R-3	539	" "	" "
Little Spring		Amend. Not. of Location	12/1/53	12/2/53	41	70	" "	" "
On The Rim		Notice of Location	5/25/51	6/8/51	R-3	539	" "	" "
On The Rim	Amend	Notice of Location	12/25/53	12/2/53	41	60	" "	" "
Compton		Notice of Location	5/25/51	6/8/51	R-3	539	" "	" "
Compton		Amend.Not. of Location	12/1/53	12/2/53	41	71	" "	" "
Portland		Notice of Location	5/5/53	6/8/51	R-3	538	" "	" "
Portland		Amend.Not. of Location	12/1/53	12/2/53	41	74	" "	" "
Snohomish		Notice of Location	5/25/53	6/8/53	R-3	538	" "	" "
Snohomish		Amend.Not. of Location	12/1/53	12/2/53	41	69	" "	" "
Oregon		Notice of Location	5/25/53	6/8/51	R-3	538	" "	" "
Oregon		Amend.Not. of Location	12/1/53	12/2/53	41	68	" "	" "
Black Rock M.C.		Notice of Location	5/25/51	6/8/51	R-3	538	" "	" "
Black Rock M.C.		Amend.Not. of Location	12/1/53	12/2/53	41	65	" "	" UTAH PLATEAU URANIUM CORP.
Prewerton		Notice of Location	5/25/51	6/8/51	R-3	537	" "	" 20 N. CARBON AVE. PRICE, UTAH

Claim Name (PAGE 3)	No.	Nature Instr.	Date of Instr.	Date of Record	Book	Page	Grantor or Locator	Grantee or Remarks
Brewerton		Amend. Not. of Location	12/1/53	12/2/53	41	62	Stott Howard and Willis Howard	Filed San Juan Cty
4 O'Clock		Notice of Location	5/25/51	6/8/51	R-3	537	" "	" " "
4 O'Clock		Amend. Not. of Location	12/1/53	12/2/53	41	58	" "	" " "
Yakima		Notice of Location	5/26/51	6/8/51	R-3	537	" "	" " "
Yakima		Amend. Not. of Location	12/1/53	12/2/53	41	61	" "	" " "
Owl	1 & 2	Notice of Location	5/3/51	5/11/51	R-3	404	Monte McFadden	" " "
Legg		Notice of Location	5/5/51	5/11/51	R-3	405	" " "	" " "
Cricket	8,9,&10	Notice of Location	9/25/51	9/28/51	R-4	214-216	" " "	" " "
Red Hat	3 & 4	" "	9/25/51	9/27/51	R-4	215	" " "	" " "
Dorothy		" "	9/28/51	9/28/51	R-4	216	" " "	" "
Howard Group		Agreement	11/19/53	11/19/53	37	425-427	B.A.Howard, Willis Howard & Bunce S. Howard	" "
Howard Group		"	11/10/53	11/20/53	37	422-424	" " "	" "
Sun Down	1 & 2	Notice of Location	12/16/53	12/19/53	45	187	Nephi Foster and Claude Bird	" "
Frits	1	"	12/16/53	12/19/53	45	161	Montie J. McFadden and Nephi Foster	" "
Several claims		"	1/13/54	1/13/54	47	470-471	Emmett Terry Eckel	" "
South View	1 to 3	Amend. Not. of Location	1/14/54	1/28/54	51	385-386	Montie J. McFadden	" "
Yeller Cat	1 & 2	Amend. Not. of Location	1/14/54	1/28/54	51	389-390	" "	" "
Blue Jay	1 to 4	Amend. Not. of Location	1/14/54	1/28/54	51	388-389	" "	" "
Joe	1 & 2	Amend. Not. of Location	1/4/54	1/28/54	51	388-389	" "	" "
Howard Group		Assign. of Lease	1/19/56	4/22/57	166	145-146	T.V. Colombo.M.D. Dr. F. T. Jones	" "
Howard Group		Disclaimer	9/30/56	4/22/57	166	148-149	Montie J. McFadden Nephi Foster & Russel Winters	" "
" "		Quit Claim Deed	9/30/56	4/22/57	166	150-152	" " "	" "
" "		Agreement	7/16/56	4/22/57	166	142-144	Byron A. Howard	" "
" "		"	8/8/56	4/22/57	166	139-141	Helen Howard	" "
" "		"	12/16/53	4/22/57	166	128-138	A.G.Reid, L.R.Peterson Dr's F.T.Jones & F.V.Colombo	" "

UTAH PLATEAU URANIUM CORP
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[illegible]	[illegible]	Nature of Instrument	Date of Instrument	Date of Record	Book	Page	[illegible]	[illegible] Remarks
[illegible]		Agreement	12/16/53	4/22/57	166	122-138	Myron Howard Willis Howard	Utah Uranium Corp.
" "		Power of Attorney	12/30/57	4/22/57	166	122-138	Irene L. Howard	" " "
" "		Power of Attorney	3/24/55	4/22/57	166	122-138	Martin L. Guymon	" " "
" "		" "	1/4/53	4/22/57	166	122-138	Le Grande L. Belnap	" " "
" "		" "	2/9/57	4/22/57	166	147	" " " "	" " "
Sand Bar 1 to 25		Affidavit	8/14/57	8/15/57	136	146	Luke G. Pappas	" " "
Sand Bar 1 to 25		Notice of Location	7/1/56	7/27/56	132	141-165	Luke G. Pappas	" " "
Sand Bar 1 to 24		Notice of Location	9/5/54	9/7/54	173	75-98	" " "	" " "
Sand Bar 1 to 24		" "	6/18/54	6/18/54	121	415-426	" " "	" " "
Sand Bar 1 to 24		Proof of Labor	6/27/56	6/30/56	118	139	F. V. Colombo	" " "
Howard Group		" "	6/15/55	6/16/55	321	54-55	Byron A. Howard	" " "
Howard Group		Proof of Labor	6/5/54	6/11/54	107	302-304	Byron A. Howard	" " "

UTAH PLATEAU URANIUM CORP.
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EXHIBIT NO. 4

GEOLOGIC REPORT

The Geologic Report which follows, was prepared in 19 at the time the Utah Plateau Uranium Corporation was incorporated.

As this report very accurately described the property, we did not deem it necessary to incur the expense of a new geologic report.

We would like you to note that relative to Paragraph No. 6 on Page 8, that difficulty is anticipated because of the clay formation that will form on the roof of the tunnel. As our tunnelling progressed this condition has changed and we have a very substantial sand stone roof and no difficulty has been encountered, and no timbering has been necessary. . .

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RECONNAISSANCE GEOLOGIC REPORT ON THE HOWARD URANIUM CLAIMS, MOUND CANYON, SAN JUAN COUNTY, UTAH

Location and Accessibility

The Howard group of claims lie two to three miles southwest of Hite, Utah in the Colorado Plateau Mining District. They are near the central portion of San Juan County along the western county line. The Colorado River forms a horseshoe bend to the southwest of Hite, and bounds the property on the north, west, and south sides. The claims lie on the east side of the river within the bend. Mount Holmes in the Henry Mountains lies about 5 miles to the west.

The area lies in a remote portion of the Colorado Plateau, but is accessible to Hite by dirt roads from Blanding and Greenriver. Hite is 90 miles west of Blanding and 116 miles south of Greenriver. The area lies 127 airline miles south of Price. Two landing strips are present on opposite sides of the Colorado River at Hite. A sand bar along the river, adjacent to the Howard Claims, can be used as a landing strip.

Ownership

The Howard group of uranium claims are held by the Utah Plateau Uranium Corporation, which holds a 40 year lease on the property. This company has an office in Price, and correspondence should be addressed to Dr. F. T. Jones. A total of 24 claims have been staked in the area. The Black Oxide claim was filed in 1948, and the other 23 in 1951. There are no patented claims on the property.

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General Geology

The rocks on the Howard Claims consist of sedimentary formations belonging to the Triassic and Jurassic ages (see Stratigraphic Section and Geologic Map). The formations belonging to these rocks have a regional dip of only 2 to 3° southwest. Below is a brief description of the formations, and a tabulated summary is given on Table 1.

Moenkopi formation (Triassic age)

The Moenkopi formation comprises 200 to 300 feet of thin-bedded dark-brown to grayish-red siltstone, grayish-red to light-gray sandstone, and brown, yellow, and greenish-gray shale. Only the upper 150 feet of this formation is exposed on the Howard Claims. The sandstone beds often contain abundant clay balls. Two lenticular beds of light-gray sandstone on the Howard claims contain abundant stringers of hydrocarbons, one of which forms the uranium horizon.

Shinarump conglomerate (Triassic age)

The Shinarump conglomerate rests upon the Moenkopi formation. It is composed of interbedded gray, red, and brown sandstone, conglomerate, siltstone, and clay. The bed is decidedly lenticular and varies from 40 to 100 feet thick. Some places molds of logs remain, the wood having been removed and replaced by silica. This formation usually forms near vertical cliffs; and constitutes the ore horizon in the White Canyon area.

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TABLE 1. Stratigraphic Section of the Rock Formation at the Howard Claims Area, near Hite, Utah

Age	Formation	Description	Thickness (feet)
	Navajo sandstone	Sandstone, yellow to gray, cross-bedded	200 to 300
Jurassic	Kayenta formation	Sandstone, dark-red thin-bedded	150 to 200
	Wingate sandstone	Sandstone, reddish-brown, massive, cross-bedded	200 to 300
	Chinle formation	Sandstone, reddish-brown, calcareous, Mudstone, variegated, calcareous and bentonitic. Clays, gray, variegated	450 to 550
Triassic	Shinarump conglomerate	Sandstone, yellow to gray, some conglomerate	40 to 100
	Moenkopi formation	Siltstone, dark-brown to gray. Brown, yellow to greenish-gray shale. White to gray sandstone, with clay balls.	200 to 350

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Chinle formation (Triassic age)

The Chinle formation shows a variable thickness of approximately 450 to 550 feet thick. It overlies the Shinarump conglomerate. The lower Chinle formation consists of variegated gray bentonitic clay and lenticular beds of sandstone. The middle unit is composed of variegated calcareous shales and bentonitic mudstone. The upper Chinle is made of reddish-calcareous sandstone and mudstone. This formation usually forms moderate slopes, with occasional cliffs where sandstone members outcrop.

Wingate sandstone (Jurassic age)

The Wingate sandstone consists of about 200 to 300 feet of reddish-brown, fine-grained, cross-bedded, massive sandstone. This formation produces the prominent vertical cliffs on the eastern side of the Howard Claims.

Kayenta formation (Jurassic age)

The Kayenta formation consists of finely-bedded red sandstone. It caps the Wingate formation and varies from 150 to 200 feet thick in this area.

Navajo sandstone (Jurassic age)

The Navajo sandstone consists of light-yellow and gray to reddish sandstone. It is a cross-bedded, massive, cliff-forming sandstone. Remnants of this formation can be seen in the adjoining areas, whose thickness ranges from 200 to 300 feet.

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Structure

The sedimentary rocks on the Howard Claims dip about 2 to 3 degrees to the southwest. Occasional slump blocks with steep dips are present. One of the largest slump blocks was observed to the north of the property where a mass nearly 2000 feet long in the Chinle formation has been tilted to 30 degree dips.

The rocks of the different formations are strongly jointed and usually have vertical dips. No major faults are present in this area. Where faulting was observed the displacement was only minor, measured in terms of a few inches to a foot or more.

Uranium Deposits

The ore horizon on the Howard Claims is found in the Moenkopi formation. Here uranium occurs in two sandstone lenses that lie at the same geologic horizon, about 130 feet below the Shinarump conglomerate.

Localization of deposits

Some of the important clues that have been observed in producing uranium deposits include: channel fills, visible uranium minerals, visible copper minerals, hydrocarbons, bleaching, and alunite. Each of these clues are discussed in the following paragraphs with pertinent data presented that bears upon the Howard claims.

There are two channel sandstone lenses on the Howard claims that contain uranium ores. They lie at the same stratigraphic horizon in the Moenkopi formation and are separated from each other by about 200 feet along the strike of the beds. The south lense (see Geologic Map) is

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veinlets. Some of the veinlets are strongly radioactive. The sandstone about four to eight feet above the uranium bearing sandstone lenses, also has abundant hydrocarbons but apparently carries no uranium.

Only a slight amount of bleaching of the adjoining rocks was observed. No alunite was detected on the property.

Distribution and Grade of Ore

The two sandstone lenses that contain ore do not show a uniform distribution of the uranium minerals, either vertically or horizontally. Tobernite occurs usually in the lower portion of the sandstone lenses, near where also malachite is abundant. The upper portion of the sandstone contains uraninite. The uranium is not uniformily distributed horizontally along the sandstone lenses, but in each case where the lenses are thickest the uranium is most concentrated. The best ore in each sandstone lense is about 20 to 30 feet long, and from 3 to 5 feet thick.

No samples were taken by the writer for chemical analyses, but the outcrops were tested with the geiger counter. A few localized hot spots topped the 100 scale. The average ore read from about 3 to 10 on the 100 scale. The low bearing sandstone rock of the two lenses read about ten or less on the second scale. The ore possibly may average from 0.2 to 0.3 uranium in the thickest part of the two sandstone lenses when shipped.

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Development and Recommendations

(1) It is recommended that the property be developed by two adits, one on each lease, where the radioactive count is greatest.

(2) If the shipments of ore obtained from the underground workings prove commercial, then drift with the ore.

(3) If the ore leases out in the workings a diamond drilling program is proposed to try to relocate mineralization.

(4) It is recommended that a series of diamond drill holes be positioned on the shelf (formed by the Shinarump and Chinle formations) about 350 feet above the uranium horizon. They should be spaced in approximately a north-south line at 100 feet intervals.

(5) If uranium bearing sandstone leases are continuous for 1200 to 1300 feet, or similar ones lie at the same stratigraphic horizon they should be encountered between 300 to 375 feet of drilling; provided there is no faulting or major leasing of other beds.

(6) Some difficulty will be encountered in the adits by the 4 to 8 feet of clay that will form the roof. This may be solved by timbering.

Kenneth C. Bullock, Geologist

(Signed) Kenneth C. Bullock

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
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MINERALS ENGINEERING COMPANY

P. O. BOX 1951
GRAND JUNCTION, COLORADO

May 10, 1957

(E X H I B I T NO. 5)

Mr. Thorit Hatch
Helper, Utah

Dear Mr. Hatch:

In reply to your letter dated May 4, 1957, please accept the following proposal as our estimate for D.M.E.A. drilling for The Utah Plateau Uranium Corp., whose address is 20 North Carbon Avenue, Price, Utah.

A total contract of 27,000 feet to a maximum depth per hole of 500 feet, located approximately 5 miles down river from Hite in San Juan County, State of Utah.

Depth	Wet or Dry Rotary	BX Minimum Core
0-100'	$2.75	$4.00
100-200'	2.75	4.50
200-300'	2.75	5.50
300-400'	3.25	6.50
400-500'	3.75	7.50

It is understood that there will be a minimum of 50 feet of core per hole.

Standby time is at the rate of $15.00 per hour.

All access and drill roads, suitable for two-wheel drive trucks, to be furnished by you.

Above prices would include all costs of water delivered to drill.

Yours very truly,

MINERALS ENGINEERING COMPANY

Edson Foster

Edson Foster
Assistant Drill Superintendent

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UTAH PLATEAU URANIUM CORP,
20 N. CARBON AVE.
PRICE, UTAH

PHONE ~~4133~~
1-3594

KARL P. LILLY, MANAGER

POCAHONTAS CORE DRILLING COMPANY

DIAMOND DRILLING CONTRACTORS
SPECIALIZING IN TESTING COAL LANDS & PRE-GROUTING SHAFT SITES
EXPERIENCED WORKMEN • EXPERT SUPERVISION
~~GREEN RIVER,~~ UTAH

Wellington, Utah May 20, 1957

The Utah Plateau Uranium Corp.
20 North Carbon, Ave.
Price, Utah.

Dear Sir:

My bid is as follows for drilling in San Juan, County near Hite. Utah.

Plug drilling $ 2.25 a ft

Core Drilling $ 4.50 a ft

Stand by time $ 15.00 per hr.

Mr. Karl P. Lilly
Pocahontas Plug & Core drilling Co.
Wellington, Utah.

Karl P. Lilly

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UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

MOAB DRILLING COMPANY

DIAMOND CORE DRILLING CONTRACTORS

BOX 307

MOAB, UTAH

TELEPHONE 3-4181

CHARLES A. STREN
PRESIDENT

WILLIAM H. (BILL) LEWIS
GENERAL MANAGER

May 7, 1957

Utah Plateau Uranium Corporation
20 North Carbon Avenue
Price, Utah

Attn: Mr. Thorit Hatch, Attorney

Dear Sir,

Moab Drilling Company is pleased to submit the following bid on your proposed drilling in San Juan County, Utah.

Plug Drilling	$ 2.00 / ft.
Core Drilling	4.50 / ft.
Standby time	17.50 / hr.
(Standby time is charged for: (a) Casing the hole, (b) When locations are not made or passable, (c) Waiting on orders from Contractor's geologist, or other Contractor personnel in charge.)	
Lost or ruined casing	Cost plus 10%
Lost circulation material	Cost plus 10%
Moving time	1.25 / [illegible]

Moab Drilling Co. has Cats and Compressors for rent if so desired by the Contractee. We can also furnish geological services at request.

Thank you very much for this opportunity.

Wm. H. Lewis

Wm. H. Lewis
General Manager

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UTAH PLATEAU URANIUM CORP.
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about 250 feet long and has a maximum thickness of about 4 feet [illegible] out to nothing. The north lense is about 350 feet long with a maximum thickness of 5 feet and tapers out to nothing. The north lense is exposed along a cove in such a manner that it shows the sandstone lense thickens into the hill. It is doubtful however that this lense will exceed much over 5 feet maximum thickness. These two uranium bearing sandstone lenses lie about 40 feet above a reddish shale which contains some sandstone and silt layers. This is the lowest bed exposed in the Moenkopi formation on the Black Oxide claim, since the Colorado River alluvium lies below this point. Overlying the uranium bearing sandstone lenses there occurs a blocky appearing carbonaceous shale varying from 4 to 8 feet thick. Above this lies a light-gray sandstone containing abundant veinlets of organic matter. This is overlain by about 100 feet of light-gray and greenish shale containing some sandstone and siltstone layers. The Shinarump conglomerate then caps the Moenkopi formation.

The uranium minerals observed include pale yellow uraninite and apple green torbernite. Other secondary uranium minerals may possibly be present. Small quantities of pitchblende could be present where the geiger count was highest.

Copper minerals are present near the base of the uranium bearing sandstone lenses. These consist of malachite, and above but usually within the next foot occurs the copper bearing uranium mineral tobernite.

Both of the uranium bearing sandstone lenses carry carbonaceous material (hydrocarbons). This material occurs as small logs, seams, and

UTAH PLATEAU URANIUM CORP.
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(E X H I B I T NO. 6)

BYD FOR DRIVING TUNNEL FOR THE UTAH PLATEAU URANIUM CORP.

Gentlemen:

I, Kenneth Cockran of Hite, Utah, hereby submit a bid for driving a tunnel on Utah Plateau Uranium Corp., mining claims located near Hite, Utah, which are known and designated as the Howard claims.

I will drive one thousand (1000) feet more or less of tunnel, six feet wide and seven feet high, on this property on any course that may be designated, and furnish all labor and material in so doing for the sum of Thirty-seven Dollars ($37.00) per foot, and will drive said tunnel in accordance with map and specifications to be furnished to me by the Utah Plateau Uranium Corp., and will do the same in a good workman like manner in accordance with accepted mining procedures, and will comply with all state and Federal laws relating to such operation, and I agree that I will commence operation in carrying out this tunnel immediately upon receipt of instructions to do so.

Respectfully submitted,

Kenneth Cochran

STATE OF UTAH)
) SS.
COUNTY OF CARBON)

On this 11th day of May, A. D., 1957, personally appeared before me, KENNETH COCKRAN, the signer of the foregoing Bid, and acknowledged to me that he executed the same.

NOTARY PUBLIC,

Residing at Helper, Utah.

My Commission Expires:

October 26, 1958.

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E X H I B I T NO. 7

Exhibit No. 7 consists of two bids as follows:

L-J-B Construction Company
Price, Utah

Ray Leavitt
Price, Utah

XXXXXXXXXXXXXX Pres.
John Bene 331

John Bene, Vice-Pres.
Phone 683

Harold "Hap" Johnstun, Sec'y.-Treas.
Phone 476-R

L - J - B Construction Company

General Contractors

PRICE, UTAH

(E X H I B I T NO. 7)

UTAH PLATEAU MINING CO.
c/o F. V. Colombo
Price, Utah

5/8/57

L.J.B. Construction Company will furnish all labor, materials and equipment to construct the following items of work:

65 drill sites @ $50.00	$3,250.00
3.25 miles construction road 18 ft. traveling surface @$3000.00/Mi	9,750.00
	$13,000.00

Work must be layed out so that construction work can begin in 15 days and completed in 30 work days.

JOHN BENE

UTAH PLATEAU URANIUM
20 N. CARBON AVE.
PRICE, UTAH

RAY LEAVITT
Price, Utah
May 21, 1957

Utah Plateau Uranium Company
% F.V. Colombo
20 North Carbon Avenue
Price, Utah

I, RAY LEAVITT, a contractor residing at Price, Carbon County, State of Utah, hereby submit a bid for all labor and materials in constructing access roads and drill sites on Utah Plateau Uranium Company, property at Hite, Utah, as follows:

65 drill sites, each $45.00 - - - - - - - - -	$ 2,925.00
3.25 miles of road construction, traveling surface 18 feet, $2,850.00 per mile - - - - - - - - -	9,262.50
TOTAL	$12,187.50

Ray Leavitt

Ray Leavitt
271 North 5th Avenue

UTAH PLATEAU URANIUM CORP.
20 N. CARBON AVE.
PRICE, UTAH

JOHN BENE

CIVIL ENGINEER
and
Licensed Land Surveyor

Office Phone: 977
Residence Phone: 683

Office:
Carbon County Court House

Price, Utah

(EXHIBIT NO. 8)

ESTIMATED COST OF PROPOSED WORK

Drilling Program:	
20,000 ft. drilling, avg. depth 300 ft.; 15% to be cored for samples. Est. cost per foot $6.93	$138,750.00
Drifting on ore strata:	
Tunnel 1000 ft. 6'x8', est. cost @ $37.00 per ft.	37,000.00
Road and drill site work	13,000.00
GRAND TOTAL	$188,750.00

LABOR SCHEDULE:

Mucking machine operator	$2.50/hr.
Drillers	2.25/hr.
Welder	3.25/hr.
Powder Man	2.25/hr.
Truck driver (3 ton & over)	2.60/hr.
Tractor Operator	2.50/hr.
Mechanic	2.25/hr.
Laborer	2.00/hr.
Supervisor	3.50/hr.
Cook	2.50/hr.
Assayst	5.00/hr.
Engineering	50.00/day
Geological Consultant	75.00/day

NOTE:

Daily Subsistence allowance	4.50/day

EQUIPMENT RENTAL SCHEDULE:

Mucking Machine	$1.50/hr.
Air Compressor, 125 c.f. complete with steel & hammers	5.00/hr.
Air Compressor, 650 c.f. (No hammers)	7.50/hr.
Truck, 5-6 ton dumps	2.00/hr.
A.C. #7 tractor with dozer	10.00/hr.
Winch truck with complete hoisting equipment	5.00/hr.
Stationary drill - core	1.75/hr.
Welding set (complete with gas tanks)	1.50/hr.
3/4 ton pickups	1.50/hr.
1/2 ton pickups	1.25/hr.
Water pump, gasoline driven, 200 G.P.M.	2.50/hr.
Mine cars, comp. with rails & other accessories	.50/hr.

UTAH PLATEAU URANIUM CO.P.
20 N. CARBON AVE.
PRICE, UTAH

JOHN BENE

CIVIL ENGINEER
and
Licensed Land Surveyor

Office Phone: 977
Residence Phone: 683

Office:
Carbon County Court House

Price, Utah

EQUIPMENT RENTAL SCHEDULE: (Cont'd.)

Ore bin & chutes (metal).	$1.00/day
Electric blasting machine	.25/hr.
Mine Safety Lamp.	3.00/mo.
Electric light plant (110 volt)	1.75/hr.
2 house trailers, completely furnished.	75.00/mo.
New 1/2 pick up truck.	2.00/hr.
2 - 1000 gal. storage tanks.	60.00/mo.
Repair shop, complete with tools.	100/00/mo.
Battery charger.	30.00/mo.
Ventilation equipment.	10.00/day
Scootcrete.	26.00/day

UTAH PLATEAU URANIUM CO.
20 N. CARBON AVE.
PRICE, UTAH

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/24	Murphy	700
9/25	[illegible]	700
9/25	Selfridge	130
"	[illegible]	110
"	Mittendorf	100
		220
		225

Mr. F. V. Colombo, President SEP 25 1957
Utah Plateau Uranium Corporation
20 North Carbon Avenue
Price, Utah

Re: Docket No. DMEA-4758 (Uranium)
Black Oxide, et al., Claims
San Juan County, Utah

Nelson Lamb

Dear Mr. Colombo:

Your application for aid in an exploration project and other information available to us in Washington concerning your above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of all our information, although noting the occurrence of uranium ore on your property, indicates that the probability of disclosing significant ore reserves is not sufficiently promising to justify Government participation. We regret to advise you that, under these circumstances, your application for exploration assistance is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Program and for bringing your property to our attention.

Sincerely yours,

C. O. Mittendorf (fw)

Administrator

FMMurphy/gla
9/24/57
cc to: Admr.'s Reading File
Operating Committee
THKiilsgaard, Rm. 5224
Mr. Murphy
DMEA Field Team, Region III (2)

8623

Docket Copy

Murphy
Ellis

September 24, 1957

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No.: DMEA-4758

Commodity: Uranium

Applicant: Utah Plateau Uranium Corporation
20 NorthCarbon Ave.
Price, Utah

Amount of application: $188,750.00

Property: Lessee of 24 claims, referred to as the "Howard" group of unsurveyed sections 3, 10, 11, and 15, T. 355, R. 13 E., S.L.B.M., San Juan County, Utah.

Date of application: June 3, 1957

Referred to Region III: June 17

Field examination made: August 8

Field Team report received: September 16, 1957

Work proposed: Drilling two rows of holes, one containing 46 holes averaging 300 feet in depth and the other 35 holes averaging 400 feet in depth; also 1,000 feet of drifting.

Estimated Costs:

First row: (46-300-foot holes)

11,500 feet non-core drilling @ $4.25/ft.	$48,875.00	
2,300 feet core drilling @ $7.50/ft.	17,250.00	$66,125.00

Second row: (35-400-foot holes)

12,250 feet non-core drilling @ $4.25/ft.	$52,062.50	
1,750 feet core drilling @ $7.50/ft.	13,125.00	72,625.00*

Other work: (See the following page)

Other work:

1,000 feet of drifting @ $37.00/ft.	$37,000.00	
3.25 miles access roads @ $3,000/mile	9,750.00	$50,000.00
Total Estimated Cost of Project		$188,750.00

* Applicant's figures are lumped. The cost of drilling the 35 holes (second row) is $7,437.50 in error.

Excerpts from Field Team report:

The claims lie along the eastside of the Colorado River about two miles southwest of Hite, Utah. The Moenkopi, Chinle, Wingate, Kayenta, and Navajo formations of Triassic and Jurassic age crop out on the claims where they form steep slopes, benches, and steep cliffs.

"The basal Shinarump member of the Chinle formation is the ore-bearing sandstone in the White Canyon area to the east and it occurs on the subject property as discontinuous lenses of sandstone and mudstone filling broad scours cut into the underlying Moenkopi formation. Two such Shinarump-filled scours occur on the Howard group of claims. One, called the Two Mile channel, is near the northern edge of the property and is classed as unfavorable for the occurrence of significant uranium deposits. The other, the Black Oxide channel in the southern part of the property, although containing some small uranium deposits, also is considered to be unfavorable for the occurrence of significant uranium ore deposits. Two hundred and seventy-two tons of ore, averaging 0.16 percent U_3O_8 have been mined from this part of the property to date. Although AEC geologists, on the basis of regional studies, consider the Two Mile and Black Oxide channels as trending west, surface and underground mapping by the examining team indicate that the ore minerals in the Black Oxide channel are in a local, narrow, northerly-trending scour within the broader 'channel'. Potential reserves in this feature are about 750 tons of low-grade uranium-copper ore. There is no evidence that would suggestthe presence of similar but larger scours that might contain significant ore deposits under deeper cover to the east."

The estimated reserves are probably contained in pods up to 100 feet long, 15 feet wide, and about 3 feet thick. These pods are believed to be strung out in a small area long the bottom of the Black oxide channel which has a maximum length of 2,000 feet in a north-south direction and an estimated width of 300 to 400 feet.

Because the group of claims is inferred to contain only a small amount of ore, concentrated in small ore bodies, and because the terrain in the area makes exploration costs too high to search for such small ore bodies, the examining team and Field Team recommended that the application should be denied.

Commodity Members' comments:

U. S. Bureau of Mines, James Paone, September 18, 1957.

Mr. Paone agrees with the Field Team that the subject application should be denied.

U. S Geological Survey, N. E. Nelson, September 19, 1957.

Mr. Nelson summarizes the field examiners' report and concurs in their recommendation that the application be denied.

Division of Rare and Miscellaneous Metals
F. M. Murphy, September 23, 1957.

The claims have been explored by three adits; only one near the center of the Black Oxide claim encountered ore. The deposit found contained about 275 tons averaging 0.16% U_3O_8, which the examiners believe indicated the size of the deposits that might be encountered in the black Oxide channel. I agree with the examiners that exploration requiring holes to depths of 300-400 feet is too costly for the amount of ore that might be found.

Conclusions and Recommendations:

This Division agrees with the field examiners that the subject claim group does not warrant Government participation in an exploration program, since there is little likelihood that the work would result in finding significant uranium ore reserves. Therefore, this Division concurs in the examiners' and Field Team's recommendation that

application DMEA-4758 should be denied.

Ernest Wm. Ellis

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

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	INITIALS	CODE
20	B	220
11	FMM	700
Completed		

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

September 19, 1957
Re: DMEA 4758
Utah Plateau Uranium Corporation
Howard Group
San Juan County, Utah
$188,750.00 - Uranium

Memorandum

To: E. W. Ellis, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team Report

The applicant requested assistance in exploring by core and non-core drilling and tunneling a property underlain in part by Shinarump and Moenkopi rocks.

The Shinarump member of the Chinle formation is the ore-bearing sandstone in the general area, notably in the White Canyon area to the east. The regional pinchout of the Shinarump rocks occurs in the referenced claims and the Shinarump member is represented by discontinuous lenses of sandstone and mudstone filling broad scours cut into the underlying Moenkopi formation.

Two scours have been noted, but neither is classed, by the examiners, a likely structure for significant uranium minerals deposition as they are probably local features of small extent. One channel, the Black Oxide, has produced 272 tons of ore averaging 0.16% U_3O_8, and reserves, wholly inferred, are estimated as 750 tons of about 0.20% U_3O_8 and containing comparable amounts of copper.

The examiners and Field Team recommend that the application be denied. I concur with the recommendation.

N. E. Nelson

N. E. Nelson

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"	FMM	700

September 18, 1957

4758

Uranium
Utah Plateau Uranium Corp.
Howard group of claims
San Juan County, Utah
$188,750

Ernest William Ellis, DMEA Member
Uranium Commodity Committee
James Paone, Bureau of Mines Member
Uranium Commodity Committee

Field Team Report

9/13/57 9/17/57

x

x

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

September 13, 1957

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DMEA
RECEIVED SEP 16 1957

DATE	INITIALS	CODE
9-16	C	220
		130
9-19	B	220
"	FMM	700

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Docket DMEA 4758 (Uranium) Utah Plateau Uranium Corporation (Howard group of claims) San Juan County, Utah - Joint Report of Examination

Enclosed are the original and two copies of the Joint Report of Examination on the subject property by Carl Belser, USBM, and N. L. Archbold, USGS.

The field examiners conclude that the probability for making a significant discovery is not sufficiently promising to justify Government participation. Accordingly, they recommend that the Applicant's work proposal be denied in which the Field Team concurs.

ON-SITE EXAM

H. M. Lowrey
for E. N. Harshman
Acting Executive Officer

Reviewed by
DMEA OPERATING COMMITTEE
9-18-57
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P.O. Box 360
Grand Junction, Colorado

MINERALS REPLY REFER TO:
DMEA
RECEIVED
SEP 11 1957
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

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

September 10, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: E. N. Harshman

TRANSMITTED
SEP 13 1957

From: J. William Hasler

Subject: Transmittal of joint engineering and geologic report of examination on DMEA docket 4758, Howard group of claims, Utah Plateau Uranium Corporation, San Juan County, Utah.

The Utah Plateau Uranium Corporation applied for DMEA assistance to explore for uranium ore on the Howard group of claims (Black Oxide, et al) in unsurveyed sections 3, 10, 11, and 15, T. 35 S., R. 13 E., SLM, San Juan County, Utah. The application was referred to the field and an examination was made on August 8, 1957 by Carl Belser, U. S. Bureau of Mines and N. L. Archbold, U. S. Geological Survey.

The property consists of a block of 24 claims along the east side of the Colorado River about two miles southwest of Hite, Utah. The Moenkopi, Chinle, Wingate, Kayenta, and Navajo formations of Triassic and Jurassic age crop out on the property where they form steep slopes, benches, and sheer cliffs.

The basal Shinarump member of the Chinle formation is the ore-bearing sandstone in the White Canyon area to the east and it occurs on the subject property as discontinuous lenses of sandstone and mudstone filling broad scours cut into the underlying Moenkopi formation. Two such Shinarump-filled scours occur on the Howard group of claims. One, called the Two Mile channel, is near the northern edge of the property and is classed as unfavorable for the occurrence of significant uranium deposits. The other, the Black Oxide channel in the southern part of the property, although containing some small uranium deposits, also is considered to be unfavorable for the occurrence of significant uranium deposits. Two hundred and seventy-two tons of ore, averaging 0.16 percent U_3O_8 have been mined from this part of the property to date. Although AEC geologists, on the basis of regional studies, consider the Two Mile and Black Oxide channels as trending west, surface and underground mapping by the examining team indicate that the ore minerals in the Black Oxide channel are in a local, narrow, northerly-trending scour within the broader "channel". Potential reserves in this feature are about 750 tons of low-grade uranium-copper ore. There is no evidence that would suggest the presence of similar but larger scours that might contain significant ore deposits under deeper cover to the east.

Reviewed by
DMEA OPERATING COMMITTEE
9-18-57
(date)

DMEA 4758

9/10/57

The applicant proposes to test the property by an extensive program consisting of an estimated 28,050 feet of drilling and 1,000 feet of exploratory drifting. The known ore deposits and localizing structures are not of sufficient size to merit even a modified exploration program. Therefore, the examining team recommends that the request for DMEA assistance be denied.

An earlier appraisal of the property by members of the U. S. Atomic Energy Commission resulted in conclusions similar to those of the DMEA examining team.

I concur with the conclusions and recommendations of the examining team.

Enclosed are 10 copies of the report of examination with accompanying figures, and the brochure.

D P Elston

For J. William Hasler,
Geologist

NLA/mlr

Enclosures
Report (10) w/figs. 1, 2, 3, 4.
Brochure

FOR UNITED STATES GOVERNMENT USE ONLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

TRANSMITTED
SEP 13 1957

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY EXAMINING TEAM
REGION III

DMEA 4758

Utah Plateau Uranium Corporation

Howard group of claims (Black Oxide, et. al.)

San Juan County, Utah

Uranium

Joint Engineering and Geologic Report

by

N. L. Archbold
Geological Survey

Carl Belser
Bureau of Mines

September 1957

Reviewed by
DMEA OPERATING COMMITTEE
9-18-57
(date)

DMEA 4758
UTAH PLATEAU URANIUM CORPORATION
HOWARD GROUP OF CLAIMS (BLACK OXIDE, ET. AL.)
SAN JUAN COUNTY, UTAH

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Joint Geologic and Engineering Report

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3.	Sketch map showing geology of the Black Oxide mine, Utah Plateau Uranium Corp., San Juan County, Utah	14
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DMEA 4758
UTAH PLATEAU URANIUM CORPORATION
HOWARD GROUP OF CLAIMS (BLACK OXIDE, ET. AL.)
SAN JUAN COUNTY, UTAH

INTRODUCTION AND SUMMARY

Utah Plateau Uranium Corporation, 20 North Carbon Ave., Price, Utah submitted, on June 3, 1957, an application to the Defense Minerals Exploration Administration for aid in a uranium exploration project on 24 unpatented claims in unsurveyed sections 3, 10, 11, and 15, T. 35 S., R. 13 E., SLM, San Juan County, Utah. The claims have been referred to as both the Howard group and as the Black Oxide et. al. claims. The application called for 27,800 feet of drilling and 1,000 feet of drifting at a total estimated cost of $188,750.

On August 8, 1957 a field examination was made by Carl M. Belser, U.S. Bureau of Mines and N. L. Archbold, U.S. Geological Survey. The examining team was accompanied by F. T. Jones and Luke G. Pappas who represented the applicant.

Triassic and Jurassic sedimentary rocks crop out on the Howard group of claims and form vertical cliffs, steep slopes, and narrow benches. The Shinarump member of the Chinle formation, the ore-bearing unit, occurs as fillings of channel scours cut into the underlying Moenkopi formation. Two such channels are exposed on the Howard group of claims; one near the northern edge of the property, called the Two Mile Channel, and one near the southern edge, called the Black Oxide channel. Both channels

are probably local features of small extent. The Two Mile Channel is thought to contain no significant uranium deposits; however, the Black Oxide channel, which is considered favorable for the occurrence of small uranium deposits, has yielded a total of 272 tons of ore averaging 0.16 percent U_3O_8. Reserves in the Black Oxide channel are estimated at about 750 tons of ore averaging about 0.2 percent U_3O_8 and containing comparable amounts of copper.

It is recommended that the application for DMEA assistance be denied because the expected ore deposits are small and could be detected only by very close spaced drilling, and because the reserves that might be discovered would not pay for the expensive exploration project which the topography necessitates.

ACKNOWLEDGMENTS

Raymond N. Larsen, geologist for the U.S. Atomic Energy Commission, was consulted before the examination was made, and memoranda by James Paone, N. E. Nelson, and George Selfridge were noted.

LOCATION, TOPOGRAPHY, AND CLIMATE

The Howard group of 24 claims occupies a north-south strip of land along the east side of the Colorado River, in unsurveyed sections 3, 10, 11, and 15 T. 35 S., R. 13 E., SLM, San Juan County, Utah (fig. 1).

The property may be reached from the White Canyon Post Office on Utah Highway 95 by a 5-mile access road. From the White Canyon Post Office it is 21 miles, over State Highway 95, to the Government buying station at White Canyon and 90 miles east to Blanding, Utah. Ore mills, supplies, and labor are available at Monticello and Moab, Utah.

Domestic water can be obtained from a good spring near the White Canyon Post Office. Water for mining purposes can be taken from the Colorado River. No electric power is available. Timber, suitable for mining purposes, does not grow on the claims.

The property is characterized by steep topography (fig. 2). The western edge of the property borders along the Colorado River. From the river the topography rises in a steep slope to a point near the center of the property where the Moss Back member of the Chinle formation forms a north-south trending bench 150 to 1,000 feet wide. Eastward from the bench a steep slope, covered with large blocks of massive sandstone, rises to a point near the eastern edge of the property where the Wingate and Kayenta sandstones form a nearly vertical cliff about 400 feet high and continue eastward from the property as a high mesa. Elevation of the property ranges from about 3,400 to about 4,700 feet.

The country is semi-arid and winters are rather mild. Outside work can be carried on throughout the year; however, access to the mines was blocked for a short period in the spring of 1957 by flood waters of the Colorado River.

HISTORY AND PRODUCTION

The Black Oxide claim was discovered on February 6, 1948 by C. X. Bacon and M. L. Guyman. An effloresence of uranium salts on surface exposures created some excitement but the property, at that time, was not accessible for mining operations. In 1951 Willis and Stott Howard located 23 additional claims. The Utah Plateau Uranium Corporation acquired the 24 claims as well as a number of conflicting claims, built an access road at a reported cost of $18,000, and drove 3 short adits.

Only one of the adits discovered minable material and from this working, on the Black Oxide claim, 272 dry tons averaging 0.16 percent U_3O_8 were shipped through April 30, 1957.

OWNERSHIP AND EXTENT

Some of the ground covered by the applicant's 24 claims was also covered by the Sand Bar claims Nos. 1 through 25 and 23 McFadden claims. Also 12 High Reef claims and 12 Bow Rim claims were located. The applicant's and other claims were checked in the office of the County Recorder of San Juan County. The applicant's claim locations follow:

Claim	Book	Page	Date Located	Locator
Black Oxide	R-1	491	2-6-48	C.X. Bacon & M. L. Guyman
Lucky 13	R-3	440	4-13-51	Willis and Stott Howard
Lucky 7	R-3	439	4-13-51	" "
Little Jewell	R-3	439	4-13-51	" "
Sleepy	R-3	439	4-13-51	" "
Slim Chance	R-3	438	4-13-51	" "

Claim	Book	Page	Date Located	Locator
Five Mile	R-3	438	4-13-51	Willis and Stott Howard
Tacoma	R-3	540	5-25-51	" "
Columbia	R-3	541	5-25-51	" "
Boston	R-3	541	5-25-51	" "
Happy Day	R-3	541	5-25-51	" "
Scenic	R-3	541	5-25-51	" "
Cherokee	R-3	540	5-25-51	" "
May Day	R-3	540	5-25-51	" "
Little Spring	R-3	539	5-24-51	" "
On the Rim	R-3	539	5-25-51	" "
Compton	R-3	539	5-26-51	" "
Portland	R-3	538	5-25-51	" "
Snohomish	R-3	538	5-25-51	" "
Oregon	R-3	538	5-26-51	" "
Black Rock	R-3	538	5-25-51	" "
Bremerton	R-3	537	5-26-51	" "
4 O'clock	R-3	537	5-25-51	" "
Yakima	R-3	537	5-26-51	" "

Amended claims

Claim	Book	Page	Date Amended	Amendors
Black Oxide	41	57	12-2-53	B. A. Howard
Lucky 13	41	76	12-1-53	Willis and Stott Howard
Lucky 7	41	75	12-1-53	" "
Little Jewell	41	80	12-1-53	" "
Sleepy	41	77	12-1-53	" "
Slim Chance	41	78	12-1-53	" "
Five Mile	41	79	12-1-53	" "
Tacoma	41	66	12-1-53	" "
Boston	41	59	12-1-53	" "
Happy Day	41	72	12-1-53	" "
Columbia	41	64	12-1-53	" "
Scenic	41	67	12-1-53	" "
Cherokee	41	73	12-1-53	" "
May Day	41	63	12-1-53	" "
Little Spring	41	70	12-1-53	" "
On the Rim	41	60	12-1-53	" "
Compton	41	71	12-1-53	" "
Portland	41	74	12-1-53	" "
Snohomish	41	69	12-1-53	" "

Claim	Book	Page	Date Amended	Amendors
Oregon	41	68	11-28-53	Willis and Stott Howard
Black Rock	41	65	12-1-53	" "
Bremerton	41	62	12-1-53	" "
4 O'clock	41	58	12-1-53	" "
Yakima	41	61	12-1-53	" "

Location - Other claims

Claim	Book	Page	Date Located	Locators
South View 1, 2, 3	35	446-447	9-18-53	Monte J. McFadden
Yeller Cat 1, 2, 3	13	430-431	10-1-53	" "
Blue Jay 1	29	461	10-21-53	" "
Blue Jay 2 to 4	25	461-462	10-21-53	" "
Joe 1 to 3	31	529-530	11-3-53	" "
Owl 1 and 2	R-3	404	5-3-51	" "
Lagg	R-3	405	5-5-51	" "
Cricket 8, 9, 10	R-4	214-216	9-25-51	" "
Red Hat 3, 4	R-4	215	9-25-51	" "
Dorothy	R-4	219	9-28-51	" "
Sun Down	45	137	12-12-53	Nephi Foster and Claude Bird
Fritz	45	161	12-19-53	Monte J. McFadden and N. Foster
Several claims	47	470-471	1-3-54	Emmet Terry Eckel
Sand Bar 1 to 25	121	415-426	6-18-54	Luke G. Pappas
Sand Bar 1 to 24	173	75-98	9-5-54	" "
Bow Rim 1 to 12	47	109-120		
High Reef 1 to 12	47	97-109		

Amendments - Other claims

Claim	Book	Page	Date Amended	Amendors
South View 1, 2, 3	51	385-386	1-14-54	Monte J. McFadden
Yeller Cat 1, 2	51	389-390	1-14-54	"
Blue Jay 1 to 4	51	386-388	1-14-54	"
Joe 1, 2	51	388-389	1-14-54	"

Proofs of Labor

Claim	Book	Page	Date	Recorder
Sand Bar 1 to 25	136	146	8-14-57	Luke G. Pappas
Sand Bar 1 to 25	118	139	6-27-56	F. V. Colombo
Sand Bar 1 to 25	321	54-55	6-15-55	B. A. Howard
Sand Bar 1 to 25	107	302-303	6-5-54	B. A. Howard

Instruments

Claim	Book	Page	Date	Type	Grantor	Grantee
Black Oxide	R-2	115	4-14-49	Quit claim	C.X. Bacon	M.L. Guymon
Black Oxide	R-2	74	1-4-49	Lien	M.L. Guymon	
Black Oxide (24 claims)	R-2	150	12-2-53	Quit claim	M.L. Guymon & wife	B.A.Howard
Howard group (24 claims)	37	425-427	11-7-55	Agreement	B.A. Willis & Bruce Howard	
Howard group	37	422-424	11-10-55	"	B.A.Willis & Bruce Howard	
Howard group	166	145-146	1-19-54	assignment of lease	F.T. Jones& F.V.Colombo	Utah Plateau Uran. Corp.
Howard group	166	148-149	9-30-56	Cisclaimer	M.J. McFadden et al	
Howard group (24 claims)	166	150-152	9-30-56	Quit claim	"	Utah Plateau Uran. Corp.
Howard group	166	142-144	7-16-56	Agreement	B.A.Howard	"
Howard group	166	130-141	8-8-56	"	Helen Howard	
Howard group	166	128-138	12-16-53	"	A.G. Reid & F.T. Jones L.R. Peterson & F.V. Colombo	
Howard group	166	128-138	12-16-53	"	Byron Howard	A.G.Reid L.R.Peterson
Howard group	166	128-132	12-29-57	Power of Att.	Bruce Howard & Willis Howard	B.A. Howard
Howard group	166	128-138	3-24-55	"	M.J. Guymon	"
Howard group	166	128-138	1-4-53	"	LeGrande L. Belnap	"
Howard group	166	147	2-9-57	"	"	"
Howard group	-	-	5-2-57	Consent to Lien	B.A. Howard	DMEA

No transfer of the San Bar claims from Dr. F. V. Colombo or Luke G. Pappas was noted. There seems to be a conflict at the north end of the claim group with Timco Uranium, Inc., and Standard Ore and Alloys, who posted labor notices claiming $600.00 worth of drifting and $3,000.00 worth of drilling for the year ending June 30, 1956 on the following claims: Specials 1 to 10, Good Deal 1 to 4, Baby 5 to 18, and Jeanie 1 to 5. These claims are not shown on the applicant's map but outside of the extreme north end of the claim block the claims appear to be in order. The names "Company" and "Corporation" have been used carelessly.

PRESENT STATUS

Exploration and Development

The Howard group of claims have been explored by three short adits which have been driven easterly into the hill along the Shinarump-Moenkopi contact. An adit 120 feet long has been driven on the Lucky 13 claim. Near the center of the Black Oxide claim is a 235-foot-long adit with 170 feet of drifting and a small amount of stoping. About 270 feet north of the Black Oxide adit is a 40-foot adit which contains 60 feet of drifting.

Mining and Milling Equipment and Other Facilities

Mining machinery on the property consists of the following:

1 trailer house
1 I-R 500 c.f.m. diesel driven compressor
1 Buffalo Size 30, Type M.W. blower
200 feet 14-inch ventilation pipe
300 feet 2-inch air line
300 feet 1-inch water line
1 Scoot Crete 510
1 20-ton frame ore bin

1 Eimco 12-B loader
600 feet 16-pound rails
1 Cleveland drill with air leg
1 F8 Ford 10-wheel dump truck
1 1952 Ford Pickup truck
1 1949 Ford Pickup truck
1 A-C-7 tractor
1 Kholer 110-volt, 1500-watt light plant.

The access road from White Canyon City, said to have cost $18,000.00 to build, is in fair condition.

GEOLOGY AND ORE DEPOSITS

Sedimentary rocks of Triassic and Jurassic age crop out on the Howard group of claims, a generalized section and brief description of these rocks is given in table 1.

The Shinarump member of the Chinle formation is the host rock for uranium and copper minerals on the Howard group of claims. The Howard group of claims lie close to the regional pinch-out of the Shinarump member where there are only small, isolated lenses of the Shinarump member. Diamond drilling by the U.S. Atomic Energy Commission in the general area (fig. 2) has shown that only thin, discontinuous lenses of Shinarump sandstone are present (deVergie, 1952). These lenses occur as fillings of paleo-stream channels which were scoured into the underlying Moenkopi formation. The channel fillings consist of coarse grained, quartzose sandstone containing abundant carbonized plant remains and thin, discontinuous seams of mudstone. The color of the Shinarump sandstone is light gray, light brown, and light red. Locally the Shinarump member consists of a mudstone facies and is difficult to distinguish from the overlying

Monitor Butte member; however, this mudstone facies is of little importance with regard to uranium-copper deposits.

Sandstone of the Shinarump member crops out where two channel scours are exposed on the Howard group of claims; the Two Mile channel near the northern edge of the property, and the Black Oxide channel near the southern edge (fig. 2). The Two Mile channel is regarded by Larsen (1957) as being only semifavorable for the occurrence of uranium-copper deposits and as containing no significant deposits; however, he regards the Black Oxide channel as favorable for the occurrence of significant uranium-copper deposits. All production of uranium, from the Howard group of claims, has come from the Black Oxide channel and any significant reserves would probably also be contained within this channel; thus the extent and trend of the Black Oxide channel is a major factor in the evaluation of the property. Results of rim mapping and underground mapping indicate that the Black Oxide channel is of small extent and trends north-south rather than east-west as reported by Larsen (1957). Rim mapping by Larsen (1957) has failed to show any exposures of Shinarump along the canyon wall to the north of the area known as "The Horn" (fig. 2) and analysis of cross stratification in the Black Oxide channel indicates a sedimentary trend that is north-south. Underground mapping in the Black Oxide mine by the DMEA examining team has served to outline a minor scour which also trends generally north-south (fig. 3). Thus, the evidence indicates that the Black Oxide channel is a local feature trending north-south with a length of about 2,000 feet and a width of perhaps 300 to 400 feet. Closer analysis of the rim exposure

Table 1. -- Generalized section of Triassic and Jurassic formations exposed on the Howard group of claims.

Age	Formation	Member	Approximate thickness in feet	Description
Jurassic	Navajo		absent to 100'	Light colored, cross-stratified, massive sandstone; occurring as rounded erosional remnants along eastern edge of the property.
Jurassic (?)	Kayenta		200'	Reddish to Purplish, irregularly bedded, sandstone; caps mesa along east side of subject property.
	Wingate		425'	Light red, cross-stratified, massive sandstone; forms vertical cliff near eastern edge of subject property.
Upper Triassic	Chinle	Upper Chinle	250'	Reddish brown and varicolored shale and mudstone, with local thin layers of limestone and sandstone; contains silicified and carbonized plant remains; forms steep slope.
		Moss Back	80'	Light brown to gray sandstone; contains silicified and carbonized plant remains; forms cliffs and benches.
		Monitor Butte	200'	Reddish brown and varicolored mudstone with interbedded, thin and discontinuous sandy lenses; contains silicified and carbonized plant remains.

Table 1 (cont.)

Age	Formation	Member	Approximate thickness in feet	Description
Upper Triassic	Chinle	Shinarump	absent to 20'	Light gray and brown or red sandstone with interbedded mudstone; contains abundant carbonized plant remains; occurs as fillings of channel scours into underlying Moenkopi and forms narrow ledge; locally contains uranium and copper minerals.
- Unconformity - - - - -				
Lower and Middle(?) Triassic	Moenkopi		175'	Reddish brown and gray, interbedded mudstone and sandstone; micaceous; forms steep slope.

indicates that only a small portion of the total Black Oxide channel may be favorable for the occurrence of uranium-copper deposits as shown by the sketch in figure 4.

The Howard group of claims lies near the axis of a shallow syncline as mapped by Larsen (1957), and sedimentary formations on the property are nearly flat lying or dip 1 to 2 degrees to the west.

Ore deposits in the area are of the uranium-copper type and occur as irregular pods clustered near the bottom of channel scours. No ore deposits are found in light red sandstone, hence the conclusion that much of the Black Oxide channel is unfavorable for the occurrence of ore deposits (fig. 4). Ore minerals occur mainly as impregnations of sandstone and mudstone, and in carbonaceous material where uranium is probably in the form of an organic compound. Minor amounts of ore minerals form as secondary effloresences on exposed surfaces and in open fractures. According to Larsen (1957) uranium occurs in the minerals uraninite, meta-autunite, meta-zeunerite, zippeite, andersonite, and beta-uranophane while copper is present in the minerals chalcopyrite, chalcocite, covellite, bornite, brochantite, azurite, and malachite. The one ore deposit thus far mined from the Black Oxide channel was about 60 feet long, 15 feet wide, up to 6 feet thick and oriented roughly parallel to the axis of the channel (fig. 3). This deposit contained about 275 tons of ore averaging 0.16 percent U_3O_8 and an estimated 0.2 percent copper. It is inferred that perhaps 3 more such deposits occur in the Black Oxide channel, thus giving the property about 800 tons of reserves averaging about 0.16 percent

U_3O_8 and 0.2 percent copper. This estimate agrees rather closely with Larsen's (1957) original estimate of about 1,000 tons of ore averaging 0.15 percent U_3O_8 as the total potential for the Black Oxide channel.

PROPOSED EXPLORATION

The applicant proposes drilling two rows of surface holes, one containing 46 holes averaging 300 feet in depth and the other row containing 35 holes averaging 400 feet in depth. The bottom 50 feet of each hole is to be cored. The applicant also desires to drift 1,000 feet. The applicant's costs follow:

First row drill holes (46, 300-foot holes)		
11,500 feet of non-core drilling at $4.25/ft.	$48,875.00	
2,300 feet of core drilling at $7.50/ft.	17,250.00	
Total first row		$66,125.00
Second row drill holes (35, 400-foot holes)		
?12,250 feet of non-core drilling at $4.25/ft.	$52,062.50	
1,750 feet of core drilling at $7.50/ft.	13,125.00	
Total second row (actual $65,187.50)		$72,625.00
1,000 feet of drifting at $37.00/ft.	$37,000.00	
65 drill sites at $50.00 each	3,250.00	
3.25 miles access roads at $3,000/mi.	9,750.00	
Total drifting, etc.		$50,000.00
Total estimated cost of project		$188,750.00

The applicant's costs are lumped. The cost of drilling the row of 35 holes is $7,437.50 in error. Drilling costs are excessive. Supervision and assaying are not included.

CONCLUSIONS AND RECOMMENDATIONS

The examining team believes the Howard group of claims contains reserves of about 800 tons of uranium-copper ore averaging 0.16 percent U_3O_8 and about 0.2 percent copper. These reserves are probably contained in pods up to 100 feet long, 15 feet wide, and averaging about 3 feet thick. These pods are believed to be strung out in a small area along the bottom of the Black Oxide channel which has a maximum length of 2,000 feet in a north-south direction and an estimated width of 300 to 400 feet.

Because the Howard group of claims is inferred to contain only a small amount of ore reserves, concentrated in small ore bodies, and because the terrain in the area makes high exploration costs, too high to search for small ore bodies, the examining team recommends that the applicant's request for DMEA assistance be denied.

REFERENCES CITED

deVergie, P. C., 1952, Reconnaissance and preliminary drilling near Hite, San Juan County, Utah: U.S. Atomic Energy Commission, RMO-822.

Larsen, R. N., 1957, Geology and uranium occurrences in the Hite section of the Glen Canyon Dam immersion area: Unpublished report of the U. S. Atomic Energy Commission.

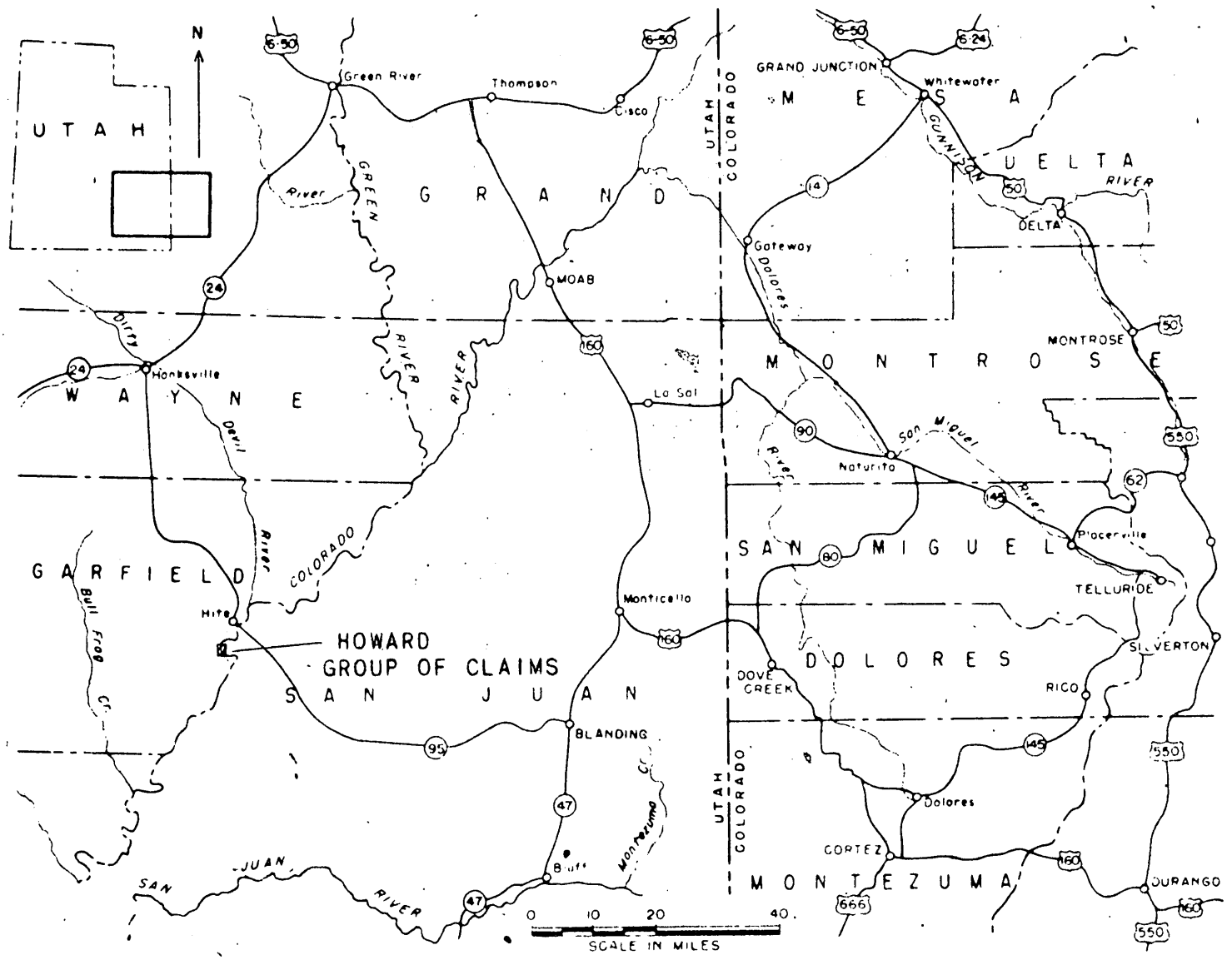


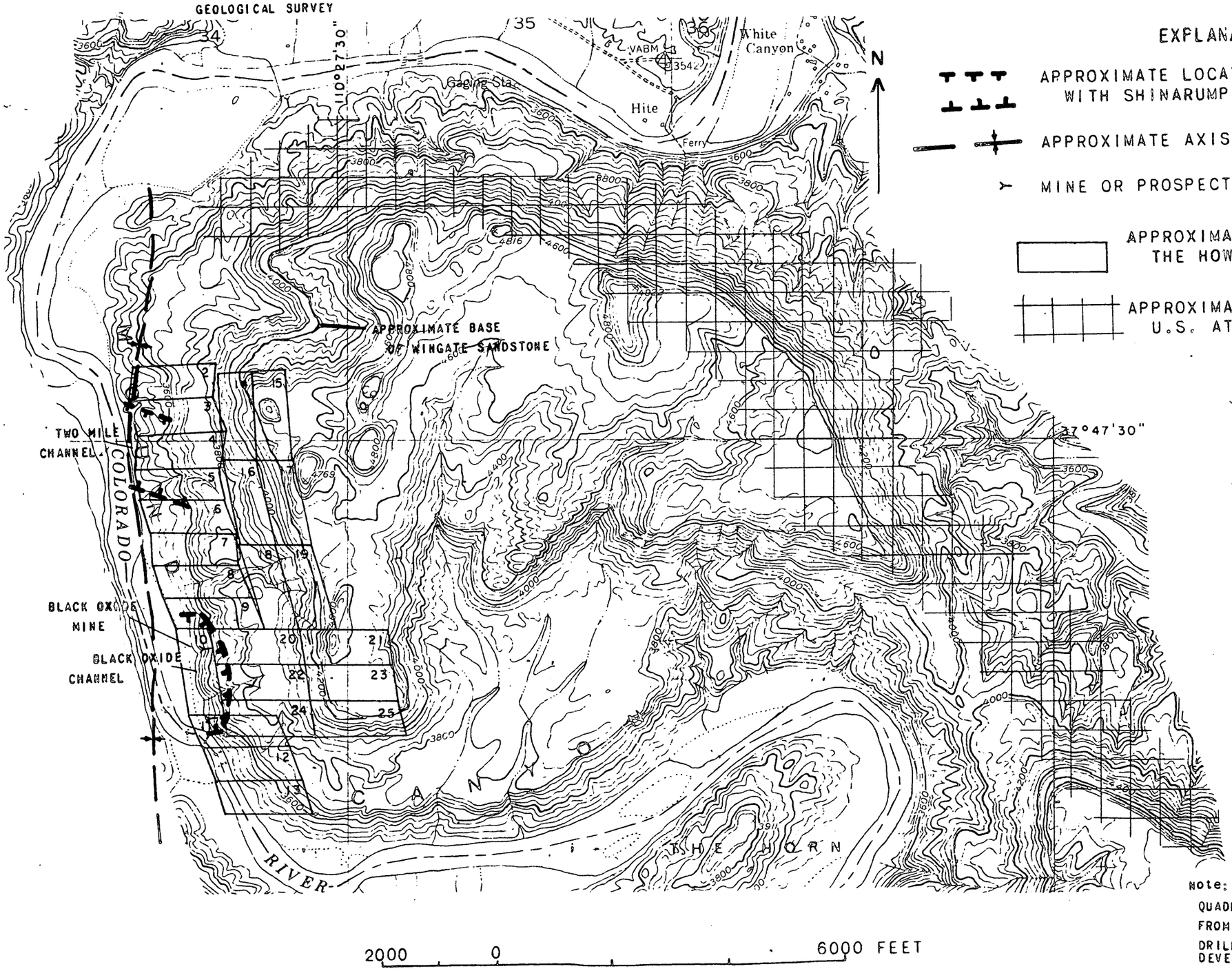
FIGURE 1.--LOCATION OF HOWARD GROUP OF CLAIMS (BLACK OXIDE, ET.AL.), UTAH PLATEAU URANIUM CORPORATION, SAN JUAN COUNTY, UTAH.

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 16 1957

DATE	INITIALS	CODE

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
AUGUST 1957 DOCKET 4758



EXPLANATION

APPROXIMATE LOCATION OF CHANNEL FILLED WITH SHINARUMP SANDSTONE

APPROXIMATE AXIS OF SYNCLINE

MINE OR PROSPECT

APPROXIMATE LOCATION OF CLAIMS IN THE HOWARD GROUP

APPROXIMATE AREA DRILLED BY THE U.S. ATOMIC ENERGY COMMISSION

INDEX TO CLAIMS

2. SCENIC
3. BLACK ROCK
4. RIM
5. BOSTON
6. TACOMA
7. SLIM CHANCE
8. LITTLE JEWEL
9. LUCKY SEVEN
10. BLACK OXIDE
11. LUCKY 13
12. 5 MILE
13. SLEEPY
14. LITTLE SPRING
15. COLUMBIA
16. 4 0°CLOCK
17. HAPPY DAY
18. MAYDAY
19. PORTLAND
20. CHEROKEE
21. COMPTON
22. OREGON
23. BREMERTON
24. SNOHOMICH
25. YAKIMA

Note: BASE FROM U.S. GEOLOGICAL SURVEY TOPOGRAPHIC QUADRANGLE, WHITE CANYON 2SW. CLAIM BOUNDARIES FROM APPLICANTS MAP. GEOLOGY AND AREA OF U.S.A.E.C. DRILLING ADAPTED FROM MAPS BY R.N. LARSEN, P.C. DEVERGIE, AND A.F. TRITES, JR.

FIGURE 2.--GEOLOGY IN THE VICINITY OF THE HOWARD GROUP OF CLAIMS, UTAH PLATEAU URANIUM CORPORATION, SAN JUAN COUNTY, UTAH.

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RECEIVED SEP 16 1957

DATE	INITIALS	CODE

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RECEIVED 10 1957

DATE	INITIALS	CODE

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
AUGUST 1957
DOCKET 4758

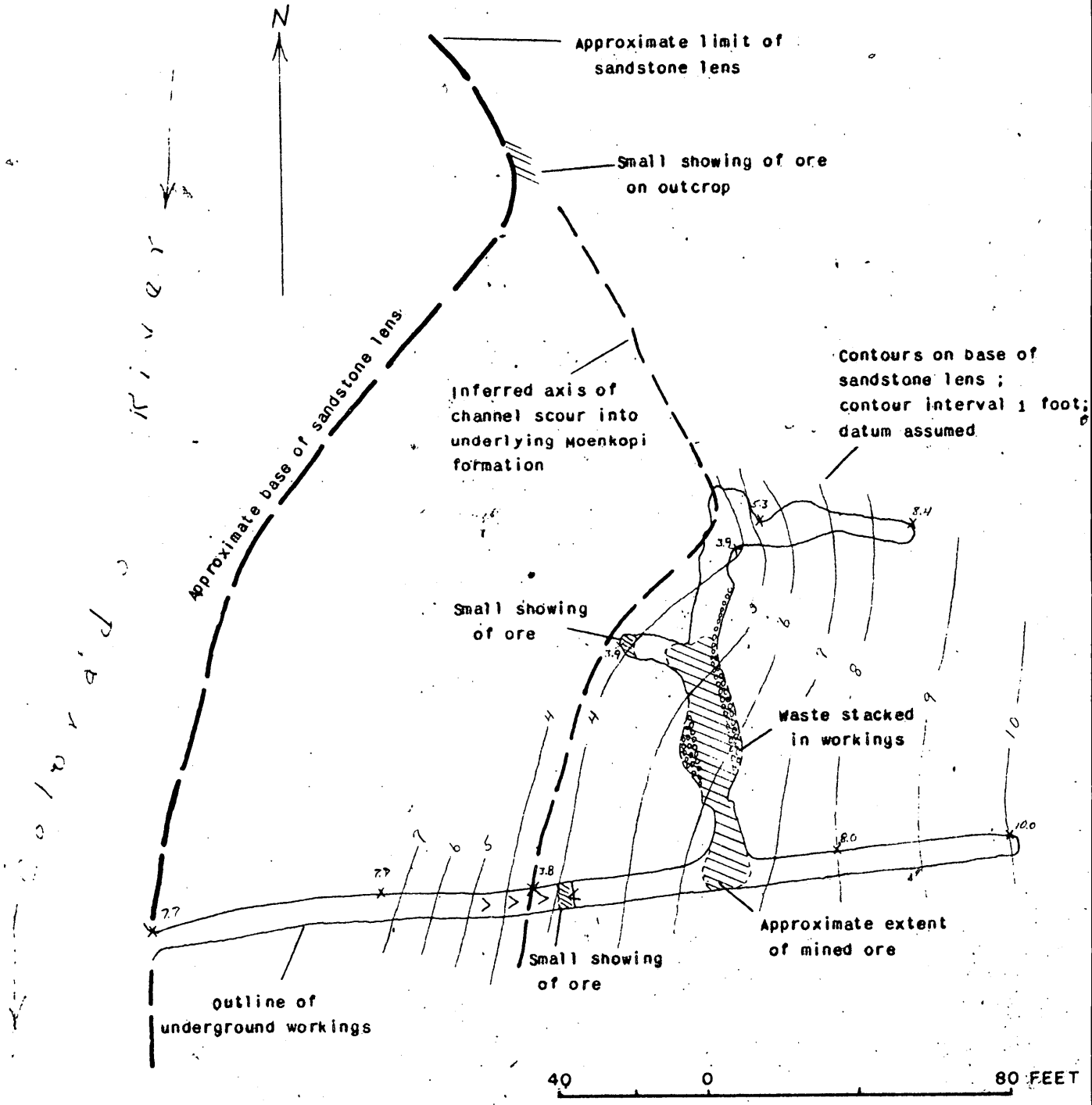
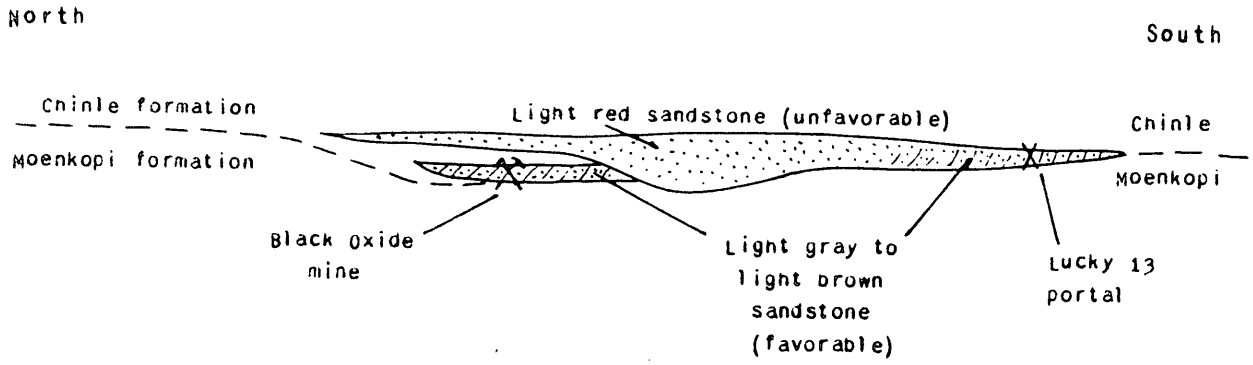


FIGURE 3.--SKETCH MAP SHOWING GEOLOGY OF THE BLACK OXIDE MINE, UTAH PLATEAU URANIUM CORPORATION, SAN JUAN COUNTY, UTAH.

OFFICIAL FILE COPY
DMEA
RECEIVED SEP 16 1957

DATE	INITIALS	CODE



Horizontal scale approximately 1" = 500'
Vertical scale greatly exaggerated

FIGURE 4.--SKETCH SHOWING RELATIONSHIPS OF SHINARUMP SANDSTONE LENSES EXPOSED IN THE BLACK OXIDE CHANNEL, HOWARD GROUP OF CLAIMS, SAN JUAN COUNTY, UTAH.

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RECEIVED SEP 16 1957

DATE	INITIALS	CODE

OFFICIAL FILE COPY
DMEA
RECEIVED JUN 24 1957

DATE		CODE
6/24	C	220
~~71~~	~~KMA~~	~~700~~

224 New Customhouse
Denver 2, Colorado

June 20, 1957

Memorandum

To: DMEA/G.Jet.) W/enclosures, Items 1-5
J. W. Hasler) W/enclosures, Items 2-4

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4758 (Uranium) Utah Plateau Uranium Corporation (Black Oxide, et al., Claims) San Juan County, Utah

Enclosed is the following material relating to the subject docket.

1. Copy of application for Government assistance in exploration work under the DMEA program.
2. Memorandum of Review by James Faone, USBM.
3. Memorandum of Review by N. E. Nelson, USGS.
4. Letter of transmittal of the foregoing to this office, dated June 17, 1957, from the Chairman, Operating Committee, DMEA.
5. Routing Control Sheet.

A field examination of the property and a joint report of findings and recommendations pertaining to the Applicant's work proposal are requested.

If the field examiners view the project proposal favorably, the Applicant should be instructed that we will require it to obtain a set, six copies, of Form-205 Consent to Lien signed as indicated in the third paragraph of the Chairman's letter. At the same time, the field examiners should inform this office of this action at once so that we may request the proper forms to be prepared for signature.

Twelve extra copies of each map used in the joint report which show the land to be subordinated and the location and extent of recommended work, relative to property boundaries, should be submitted if Government participation is recommended.

The Bureau of Mines' copy of the application should not be returned to this office but is to be kept in the Examining Engineer's file. The Routing Control Sheet, however, is to be completed, detached from the application, and forwarded to the executive officer with the joint examination report. The Survey's copy of the application is to be returned to Mr. Marshman's office.

Original signed by
W. H. KING

W. H. King
Executive Officer

Enclosures

MEM:eh

cc: Sec. Op. Comm. (2)
DMEA/DFC
Marshman W/enclosures, Items 2-4
Docket
Chron.

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/17	Murphy	700
6/17	Ellis	700
6/17	GCS	130
	Kilsgaard	
6/17	Johnson	110
	Mathews	100
6/17	ZWS	120
		700

JUN 17 1957

Mr. William H. King
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-4758 (Uranium)
Utah Plateau Uranium Corporation
Black Oxide, et al., Claims
San Juan County, Utah

Dear Mr. King:

The captioned application is referred to Region III Field Team for investigation, a field examination if deemed advisable, and recommendations.

Enclosed are copies of memoranda, dated June 12 and 13, 1957, by N. L. Nelson, USGS, and James Paone, USBM, respectively, relating to the application. Also enclosed for Field Team use is one copy of the application.

In the event the Field Team concludes a project to explore the subject claims appears to be warranted, it should advise the Applicant that we will require 6 copies of the owners' Consents to Lien and Subordination Agreements as follows:

1. Owners - Byron A. Howard, Bruce S. Howard, and Willis H. Howard. A copy of such an agreement signed by Byron A. Howard, Attorney in Fact, is attached to the application; however, we require six copies; and

2. Sublessors: L. R. Petersen and A. C. Reid, who retained a 15 percent overriding royalty.

The Field Team's comments, mentioned in its memorandum of June 7, relating to the Applicant's estimates for the cost of the proposed work have been noted.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (2/3)

Enclosures
APPROVED:

Frank D. Lamb (2/3)
Member, Bureau of Mines

Thor H. Kiilsgaard (2/3)
Member, Geological Survey

FMMurphy/izm 6-17-57
cc to: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
6/17	Murphy	700
6/17	Elliot	700
6/17	Selbedge	130
6/17	Lewis	130
6/17	Kilgaard	130
6/17	Roman	110
17	Mittendorf	100
		220
		700

JUN 17 1957

Mr. F. V. Colombo, President
Utah Plateau Uranium Corporation
20 North Carbon Avenue
Price, Utah

Re: Docket No. DMEA-4758 (Uranium)
Black Oxide, et al., Claims
San Juan County, Utah

Dear Mr. Colombo:

The application for assistance in exploring your property, under the captioned docket number, has been reviewed by the Division of Rare and Miscellaneous Metals of the Defense Minerals Exploration Administration. It has been referred to:

Mr. William H. King
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

The Regional Office will contact you in regard to your project if additional information is required.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/izm 6-17-57
cc to: Mr. Murphy
Admr.'s Reading File
DMEA FT Reg. 3 (2)

8623

OFFICIAL FILE COPY DMEA RECEIVED JUN 14 1957		
DATE	[illegible]	CODE
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"	Ecl's	700
	Comments	
	on complete	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Washington 25, D. C.

Date June 13, 1957

DMEA Docket No. 4758
DMEA Contract No.
Commodity Uranium
Name of applicant Utah Plateau Uranium Corporation
Name of property Black Oxide et al calims
Location of property San Juan County, Utah
Estimated cost of project $188,750

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: James Paone, Bureau of Mines Member
Uranium Commodity Committee

Subject: Review of Application
(Application, Field Team Report, etc.)

1. Date of subject document: 6/11/57. 2. Date received by reviewer: 6/12/57

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked yes above:

8. Factors meeting special consideration:
- a. Location ☐
- b. Ownership ☐
- c. Evidence of mineralization ☐
- d. Geology ☐
- e. Proposed exploration method ☐
- f. Alternate exploration method ☐
- g. Costs ☐
- h. _____ ☐

9. Action advised:
- a. Obtain information from applicant ☐
- b. Refer to Field Team ☒
- c. Denial ☐
- d. Agree with Field Team ☐
  - 1. Consult with Mr. _____ at _____ AEC office.
- e. Disagree with Field Team ☐
- f. Suggest alternate plan ☐
- g. Request another examination ☐
- h. Approval ☐

10. Remarks: (Use back of page if necessary)

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

FILE COPY
DMEA
RECEIVED JUN 13 1957

DATE	INITIALS	CODE
6/13	JWH	220
"	Ellis	700
	Memorandum	
	To:	E. W. Ellis, Defense Minerals Exploration Administration

June 12, 1957

Re: DMEA 4758
Utah Plateau Uranium Corp.
Black Oxide, etc. claims
San Juan Co. Utah
$188,750.00 - Uranium

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicant requests assistance in exploring by core and non core drilling and tunnelling, a property underlain in part by Shinarump conglomerate and Moenkopi formation.

The uranium minerals are said to occur in lense like sandstone masses in the Moenkopi rocks. No sampless appear to have been taken but judging by eye and counter the ore should average about 0.2 - 0.3% U_3O_8.

Referral of the application to the Field Team for appropriate action is recommended.

N. E. Nelson

N. E. Nelson

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

June 11, 1957

Mr. F.V. Colombo, President,
Utah Plateau Uranium Corp.,
20 North Carbon Avenue,
Price, Utah

Subject: DMEA 4758

Dear Mr. Colombo:

Your application for exploration assistance, dated June 3, 1957, submitted to our office at Denver, Colorado, has been assigned Docket Number DMEA 4758 and referred to the Rare and Miscellaneous Metals Division in the Washington office. Kindly identify all future correspondence relating to your application by this Docket Number.

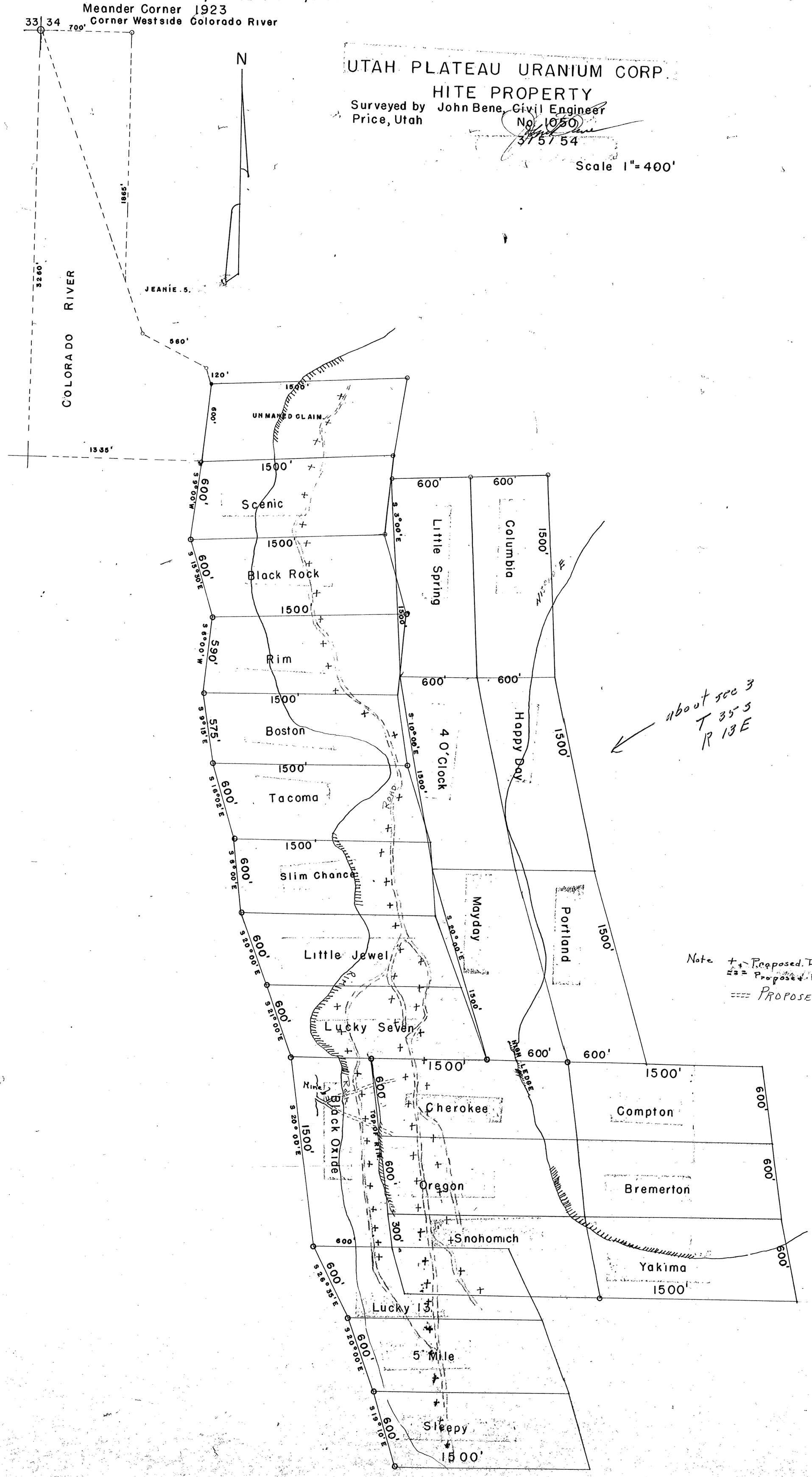
Sincerely yours,

Allen S. Dakan, Director
Operations Control and
Statistics Division

Copy to: Region III

TOWNSHIP 34 SOUTH, RANGE 13 EAST, S.L.M.
Meander Corner 1923
Corner Westside Colorado River

UTAH PLATEAU URANIUM CORP.
HITE PROPERTY
Surveyed by John Bene, Civil Engineer
Price, Utah
No. 1050
3/5/54
Scale 1"=400'



Note + + Proposed Drill Hole Sites 65.
=== Proposed Exploration Roads 3.25 Mi.
==== PROPOSED DRIFTING