IMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4596

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~~(Withdrawn~~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

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

This is the official contract file containing all official records of the project. The records contained in the files are checked and are arranged in this order:

Left Side

Interim Royalty Audits
Reports of Royalty Review
Certification of Discovery
Certificate of Audit (Final)
Interim Audit(s)
Report of Review
Termination Notice or Agreement
Recision Notice
Assignment of Contract
Contract Amendments (latest on top)
Contract with all exhibits and annexes
Owner's Consent to Lien
Subordination Agreement
Leases and assignments of leases
Application and attachments ✓
(3) Envelope for maps

Right Side

✓ Project summary
Work completed analysis
All other material is filed in chronological order with correspondence including the following reports as checked:

Final Field Team Report (Tab)
Operator's Final Report
(2R) Interim Reports
(2R) Operator's monthly reports and all attachments (latest on top)
✓ On-site Exam Report(s) (Tab)
(4) Settlement Sheets

When the volume of records is expected to warrant additional folders, or when convenience of reference warrants separate folders for certain records, they should be set up in this order:

Left Side

Folder No. 2: (In chron. order) Interim Summary Reports by W. O. Engineers

Right Side

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

Folder No. 3: Maps (Use pocket folder or envelope. Fold maps with title block out and show reference to related document or correspondence.)

Folder No. 4: Settlement Sheets

Folder No. 5: Drill Logs

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

OFFICIAL FILE COPY
D M E A
RECEIVED JAN 7 1957

DATE	INITIALS	CODE

224 New Customhouse
Denver 2, Colorado

January 3, 1957

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Application for DMEA Aid (Uranium) Walter J. Wallace, Glenn D. Commons and Melvin C. Johnson (D & R Claims) Emery County, Utah.

Enclosed are the original and ~~two~~ ONE copy~~s~~ of the subject application in an unknown amount. One copy of the application is being forwarded the Grand Junction Office, DMEA for their review and recommendations, and one copy is being retained in our file.

The application is undated but was received in this office January 3, 1957. No copy of a lease was included with the application. No program of exploration or estimate of costs have been submitted by the Applicant. No drilling bids accompanied the application. The last two paragraphs of the Applicant's letter show his need for competent advice.

DMEA Field Team, Region III

W. M. Traver

W. M. Traver
By Executive Officer

Enclosures

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

224 New Customhouse
Denver 2, Colorado

January 3, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 7 1957

DATE	INITIALS	CODE

Memorandum

To: J. W. Hasler

From: DMEA Field Team, Region III

Subject: Application for DMEA Aid (Uranium) Walter J. Wallace, Glenn D. Commons and Melvin C. Johnson (D & R Claims) Emery County, Utah

Enclosed is a copy of the subject application. Will you please review this application with the Bureau of Mines representative in the Grand Junction Office, DMEA, and the AEC, and forward this office nine copies of your joint recommendations concerning the advisability of making a field examination.

DMEA Field Team, Region III

Original signed by
W. M. TRAVER

W. M. Traver
By Executive Officer

Enclosures

BMC:ytl
cc
Sec. Op. Comm. (2)
Harshman
Shaw (2)
Subject
Chron.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

DMEA

DEPARTMENT OF THE INTERIOR
JAN 3 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. DMEA 4596
Metal or Mineral Uranium
Date Received 1-7-57
Estimated Cost Not given
Participation (Government %)

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

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: Walter J. Wallace, Jr. 221 Spring St., Batavia, Illinois
Glenn D. Gommons, 1108 S. East River Road, Aurora, Illinois
Melvin C. Jemson, P.O. Box C-35, Clifton, Colorado
Partnership - Illinois

(*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.

(*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 Unpatented lode mining claims situated in the Sinbad Mining District in Emery County, Utah- Claims known as D & R #1 to #15 inclusive. Claims D & R #1 to #13 recorded in book 17, pages 227 to 234 and 376 to 380. Claims D & R #14 and #15 in book J98 pages 253-254.

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

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

(*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. attached

(*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. note above

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 attached

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

(*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.

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

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

see attached sheet

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

(*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.

(*c*) The work will start within 5 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.

6. *Estimate of costs.*—See attached sheet 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)? Yes

(*b*) How do you propose to furnish your share of the costs?

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

Explain in detail on acompanying paper. see attached sheet

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 _____, 195__

Walter J. Wallace, Jr.
Glenn D. Commons
Melvin C. Johnson
(Applicant)

By Walter J. Wallace Jr.

Walter J. Wallace, Jr.
221 Spring Street
Batavia, Illinois.

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

Walter J. Wallace, [redacted] 221 Spring St. Batavia, [redacted]linois
Glenn D. Commons, 1108 S. East River Road, Aurora, Illinois
Melvin C. Johnson, P.O. Box C-35, Clifton, Colorado
Partnership-- Illinois

EXTRA COPY
DMEA
RECEIVED JAN 7 1957
DATE | INITIALS | CODE

4. PHYSICAL DESCRIPTION.-

(a) There are now three tunnels or drifts entering the face of the rimm from 100 to 300 feet eahh. There are 32 drill holes bored down from the top. More drifts are being made and more drilling is being done. Road has been made to the tunnels and to the top. Well has been drilled and water is available. Equipment owned outright, no leins, includes 1½ ton four wheel drive truck, 2½ ton 6 wheel drive truck with Longyear hydraulic feed core drill with derrick, etc., air compressors, jack hammers, pumps, utility trailers, 32 foot completely equipped 1952 House Trailer for living quarters, geiger and scintillation counters, welders, and innumerable items for exploration or production. Everything is accessible for examination.

(b) No past production. Drilling not extensive enough to establish reserves.

(c) Geologically speaking, this property is Chinle formation and does contain uranium. However, our exploration to date has not given us the location of lodes of higher enough grade to be acceptable. We believe that a large quantity of acceptable ore is on the property but that it will require considerably more drilling and drifting to determine its location and evaluate it. This property is only some hundreds of feet from the "Lucky Strike" mine which has been a producing mine for some time. This location is Range 9 E and T24 North in Emery County, Utah. This is a vein type of deposit. ? South

(d) Due to the fact that our neighbor, the "Lucky Strike" mine is regularly shipping ore, we can state that the access roads and shipping distances are acceptable. The nearest supply points are either Green River or Hanksville, Utah. Also the nearest residence points.

(e) We have four men working on the exploration project now, we obtain mining suplies from Grand Junction, Colorado, we have drilled ax well and have water. We do not have any supply of purchasble electric power.

5. THE EXPLORATION PROJECT.

(a) We wish to and are exploring for uranium ore.

(b) We have two problems. One is that we feel we must drill deeper to get to the bottom of the Chinle or Shinarump because inspection of the location of the uranium ore at the "Lucky Strike" mine indicates that the ore veins there are at the bottomm of the formation. The other is that we apparently must extend a tunnel or drift up to and into the formation which lies beyond a fault which has every indication of being a trap for the unranium oxide. See enclosed sketch.

(c) The work can start withing 5 days and be completed withing 12 months from the date of an exploration project contract.

(d) Walter J. Wallace, Jr. and Glenn D. Commons are both experienced in business for at least 25 years each and can fully operate the details of the business. Mr. Johnson who will directly supervise

Walter J. Wallace, Jr. 221 Spring St. Batavia, Illinois
Glenn D. Commons, 1108 S. East River Road, Aurora, Illinois
Melvin C. Johnson, P.O. Box C-35, Clifton, Colorado

Cont'd
5. THE EXPLORATION PROJECT

(d) the drilling and exploration work has had two years experience in this work on the Colorado Plateau and Mr. J.E. McCormack who is the lessor of the property has had 30 years experience in exploration and mining and who is employed by us to assist Mr. Johnson.

6. Estimate of costs.

See separate attached sheet.

7. (a) We are prepared to to furnish our share of the cost of the proposed project in accordance with the regulations on Covenorment participation (Sec 7, DMEA No.1) which in this case of exploration for Uranium, is 25%.

(b) We propose to furnish our share of the cost of the contract in cash. We will use our equipment and our labor.

(3)

DMEA
DEPARTMENT OF THE INTERIOR
JAN 3 1957
REGION III
DENVER, COLORADO
RECEIVED JAN 7 1957 DMEA

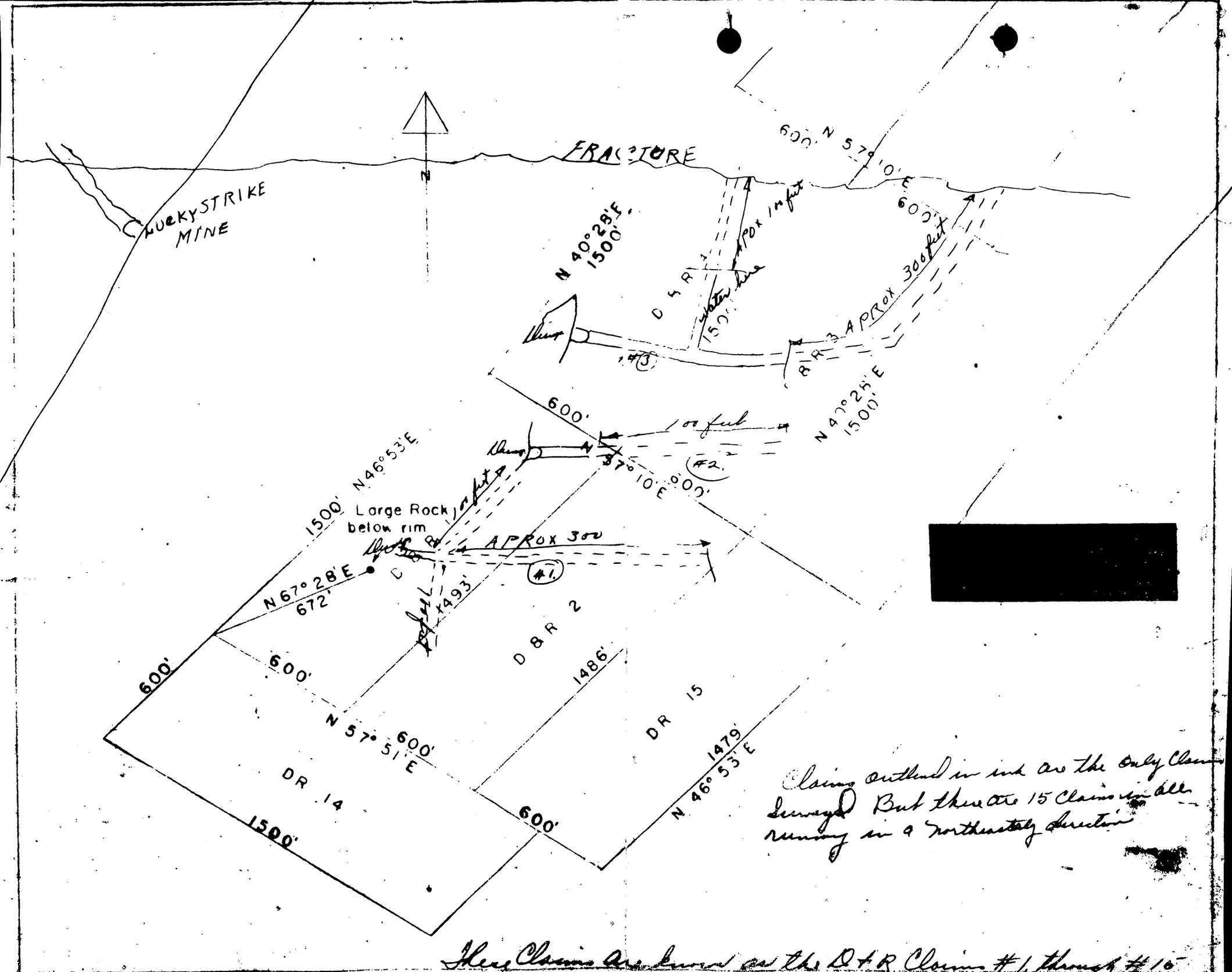
Lies 7 the 15 Ml + R. Claims are surveyed on which Claims three tunnels have been run in, on #1. tunnel the formation is Shamrock and Carrie low grade ore up to 20 Mostly around .10 to .12 The same applies to #2 tunnel both about 75 feet in. However we feel that the Main ore body will be found in tunnel #3 where the straight in drift is apro 300 feet long and the last 50 feet has been lying down apro 5% a drift leads off to the left Nearly due North and this drift dips down better than 10% and runs in nearly 200 feet But as yet we have not crossed the fracture. Yet water is seeping in at about 100 feet at the rate of 2 barrels per day

The exploration drilling that has been done is on #1. The only Claim that can be drilled from the top this was done with a Wagon drill the deepest hole being slightly over 100 feet and by all appearances all drilling stopped short of the ore bodies that may exist, It is doubtful that we can use these holes + we plan a rotary drilling program of apro 300 feet, a breakdown of our drilling program last year in the Wasson Mineral Belt Cost $2.00 per foot, However I feel this may be easier drilling

What drifting we have done to date figures Close to $30.00 per foot for a tunnel 5 x 7. including all cost of blasting & hauling waste out by Scoop Rail to the dump, we contemplate 1000 feet of drifting should put us in paydirt we would be willing to have any one come out and look this property over & cooperate in any way possible, we have put in a lot of time and money & have a lot of good equipment & will get more,

Would appreciate someone coming down and go over this with me, I can be contacted at Clifton Colo, Phone # Hemlock 4-6363 Post Office Box C-35

Sincerely
Melvin C. Johnson
Mine Supt



[redacted]

Claims outlined in ink are the only Claims surveyed. But there are 15 Claims in all running in a northeasterly direction

These Claims are known as the D & R Claims #1 through #15

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

224 New Customhouse
Denver 2, Colorado

May 14, 1957

Memorandum

To: Secretary to the Operating Committee, DMEA

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

Subject: Docket DMEA 4596 (Uranium) Wallace, Commons and Johnson (D & R Claims) Emery County, Utah

By letter dated March 19, 1957, the Applicant was informed by the Administrator, DMEA, that certain requested information must be supplied to the Washington Office by April 19, 1957, or the application would be considered as withdrawn.

Please advise us as to whether or not the requested information was received.

E. N. Harshman

E. N. Harshman

No response needed.
Application denied May 13,
Copy to Reg III
[illegible]

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RECEIVED MAY 17 1957

DATE	INITIALS	CODE
5/17	C	220
5/17	Murphy	~~700~~ 225

Docket

May 9, 1957

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No.: DMEA-4596

Commodity: Uranium

Applicant: Wallace, Commons, and Johnson, Partnership
c/o Walter J. Wallace, Jr.
221 Spring Street
Batavia, Illinois

Property: Lessee. D & R claims No. 1 through 15, in unsurveyed area. However, appear to lie in secs. 5 and 6, T. 24 S., R. 9 E., S.L.B.M., Emery County, Utah.

Date of Application: undated - received January 7, 1957

This Division requested additional information in letters, dated Jan. 14, Feb. 19, and Mar. 19, 1957. None of our letters were answered. However, on April 12, Mr. Wallace visited the Division office and requested additional time to submit the information. At that time the Division office was not aware that a field examination of the property had been made.

The Field Team examiners were in the claim area on other DMEA work, therefore, in company with Melvin C. Johnson, one of the partners, examined the subject property on March 19, 1957.

The Field Team Report of examination was received April 22, 1957.

Work Proposed:

The Applicant apparently contemplated a combination of drilling from the surface and drifting from the northernmost adit to explore the property. No estimates of footages or costs were submitted, except possibly 3000' of drilling @ $2.00/ft. and 1000' of drifting @ $30/ft.

Excerpts from Field Team Report:

The D & R claims are located in Red's Canyon on the west flank of the San Rafael Swell. Ore deposits in the area are found in the basal Moss Back member of the Triassic Chinle formation and are restricted to channels and scours where the Moss Back lies on or within a few feet of the top of the underlying Moenkopi.

The outcrop pattern of the Moss Back exposed on the property is such that a channel or scour could be observed if it were present. Three adits have been driven on the property and some drilling was done.

The southernmost adit appears to be in a remnant of a scour and some mineralized material is present. The westerly projecting finger of Moss Back in which the main adit is located, however is small and has been explored by both drifting and drilling without finding ore-grade material. The other two adits are as much as 40 feet above the base of the Moss Back and no channel or scour can be seen. No radioactivity was detected in the middle adit and the radioactivity in the northernmost adit was only slightly above background.

The AEC mapped the above workings and sampled each adit. Assay results indicated mineralization ranging from 0.002 to 0.03% U_3O_8. The Lucky Strike mine about 2,500 feet west of the subject property produced 9,011 tons of 0.22% U_3O_8 ore. However, the apparent ore trend of the Lucky Strike deposit is in a northerly direction and not toward the D & R claims.

The Field Team and field examiners conclude that there is little possibility that significant ore deposits will be found on the claims, and therefore, recommend that the application be denied.

Commodity Member's Comments:

USBM, James Paone, April 26, 1957:

Mr. Paone concurs in the Field Team's recommendation for denial.

USGS, N. E. Nelson, May 7, 1957:

Mr. Nelson concurs in the Field Team's recommendation to deny the application and notes (in part):
1) No evidence exists of channels, scours, or other favorable indications of ore-making conditions in the claim area; and
2) Although the Moss Back is well exposed and considerable work has been done in the claim area, no ore has been found.

Rare & Miscellaneous MetalsDivision, F. M. Murphy, May 9, 1957:

A review of the field examiner's report indicates that there is little possibility that ore deposits will be found in the Moss Back underlying the claim area as there is no evidence of channelling into the Moenkopi.

Conclusion and Recommendations:

This Division agrees with the findings of the field examiners and concurs in the Field Team's recommendation to deny the subject application.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

DMEA Form 7
(12-56)

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Date	Surname	Code
5-9	Murphy	700
5-9	Ellis	700
5/10	Gilbertson	130
	Yoho	
	Kiilsgaard	
5/10	Johnson	110
"	Mittendorf	100
5/14	2WD	220
		235

MAY 13 1957

Mr. Walter J. Wallace, Jr.
221 Spring Street
Batavia, Illinois

Re: Docket No. DMEA-4596 (Uranium)
Wallace, Commons, and Johnson Partnership
D. & R. Claims
Emery County, Utah

Dear Mr. Wallace:

Your application for aid in an exploration project and other information available to us in Washington concerning your above-named claims 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 some minor uranium mineralization on your claims, 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 are returning the following exhibits, which you submitted and were received by us on April 30, 1957:

1. Two copies of a "Report on the Geologic Examination of the D. & R. Claim Area" by E. H. Eakland, Jr., and R. W. Osterstock; and

2. Two photogeologic maps showing the location of the D. & R. claims.

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
Administrator

Enclosures

FMMurphy/izm 5-9-57
cc to: Mr. Murphy
Admr.'s Reading File
Operating Committee
THKiilsgaard, 5224
DMEA FT Reg. 3 (2)

8623

OFFICIAL FILE COPY
DMEA
MAY 7 1957
CODE
5/8 JWG 220
" Murphy 700
Comments Complete

IN REPLY REFER TO:

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

May 7, 1957

Re: DMEA 4596
Walter J. Wallace et al
D & R Group
Emery County, Utah
No estimate - 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 applicants requested assistance in exploring for uranium minerals in the Chinle formation. They have done considerable work in beds well above the favorably regarded Moss Back beds. The latter beds are well exposed and no significant deposit has been found. The adit work in the beds above the Moss Back has failed to find ore and the radioactivity in the adit is low and not suggestive of ore.

Inasmuch as there are no channels, scours or other favorable indications of ore making conditions visible in and near the well exposed Moss Back-Moenkopi contact and work in the Chinle above the Moss Back has resulted unfavorably, the examiners and the Field Team conclude the chances of discovering uranium deposits of significant size are poor and recommend that the application be denied.

I concur with the recommendation.

N. E. Nelson

N. E. Nelson

OFFICIAL FILE COPY
D M E A
RECEIVED APR 26 1957

DATE	INITIALS	CODE
4/26	C	220
4/29	[illegible]	700

April 26, 1957

4596

Uranium

Wallace, Commons & Johnson

D & R Claims

Emery Co., Utah

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

JP

Field Team Report

4/57 4/26/57

Yes No

Yes No

Costs

c. Disagree with Field Team
f. Suggest alternate plan
g. Request another examination
h. Approval

[x]

[x]

at AEC office.

(Use back of page if necessary)

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

April 19, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED APR 22 1957

DATE	INITIALS	CODE
4/22	C	220
		130
4/26	C	220
4/29	Murphy	700

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Joint Report of Examination, Docket DMEA-4596 (Uranium)
Wallace, Commons and Johnson, Partnership (D & R claims)
Emery County, Utah

Enclosed are the original and three copies of the Joint Report of Examination on the subject property by H. F. Robertson, USBM, and Howard F. Albee, 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 application be denied, to which the Field Team concurs.

E. N. Harshman

By E. N. Harshman
Acting Executive Officer

Enclosures

ON-SITE EXAM

Reviewed by
DMEA OPERATING COMMITTEE
4-26-57
(date)

MINERAL DEPOSITS
DMEA
IN REPLY REFER TO:
RECEIVED
APR 17 1957
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

DMEA
DEPARTMENT OF THE INTERIOR
APR 1 8 1957
REGION III
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
[illegible]

April [illegible], 1957

[illegible]

To: [illegible] Executive Officer, DMEA Field Team, Region III

Through: [illegible] EMH
[illegible] JHase

From: J. William Hasler

Subject: Transmittal of report of examination on Wallace, [illegible], and Johnson, Partnership. DMEA Docket [illegible] (Uranium), [illegible] claims, Emery County, Utah.

The partnership of [illegible] J. Wallace, G. [illegible], and [illegible] Johnson applied to the Defense Minerals Exploration Administration for aid to explore the [illegible] group of claims in the San Rafael Swell area, Emery County, Utah. The application was referred to the field and an examination was made March 1[illegible], 1957, while the examining team was in the area on other DMEA business.

The [illegible] claims are located in [illegible] Canyon [illegible] San Rafael Swell. [illegible]

[illegible]

[illegible]

[illegible]

Reviewed by
DMEA OPERATING COMMITTEE
4-26-57
(date)

TRANSMITTED
APR 19 1957

The examining team concludes from the foregoing evidence that the chances of discovering deposits of significant size and grade on the D & H claim group are poor and therefore recommends denial of the application for DMEA assistance. I concur with the conclusions and recommendations of the examining team.

The Atomic Energy Commission was consulted relative to the appraisal of the property.

Enclosed are 12 copies of a joint [illegible] report, dated [illegible] as well as accompanying figures [illegible] the property.

J. William Hasler
J. William Hasler,
Geologist

JWH/[illegible]
Enclosures

OFFICIAL FILE COPY
DMEA
RECEIVED APR 22 1957

DATE	INITIALS	CODE
		130
		220

Reviewed by
DMEA OPERATING COMMITTEE
4-26-57
(date)

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APR 19 1957

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

DEFENSE MINERALS EXPLORATION ADMINISTRATION
REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMEA 4596

Wallace, Commons, and Johnson, Partnership

D & R claims

Emery County, Utah

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D M E A
RECEIVED APR 22 1957

DATE	INITIALS	CODE
		130

Uranium

Joint Engineering and Geologic Report

by

Howard F. Albee
U. S. Geological Survey

H. F. Robertson
U. S. Bureau of Mines

April 1957

Reviewed by
DMEA OPERATING COMMITTEE
4-26-57
(date)

DMEA 4596
WALLACE, COMMONS, AND JOHNSON, PARTNERSHIP
D & R CLAIMS
EMERY COUNTY, UTAH

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DMEA 4596
WALLACE, COMMONS, AND JOHNSON, PARTNERSHIP
D & R CLAIMS
EMERY COUNTY, UTAH

INTRODUCTION AND SUMMARY

The partnership of W. J. Wallace, G. D. Commons, and M.C. Johnson applied for DMEA assistance to explore for uranium on the D & R group of claims in Emery County, Utah.

The original application did not outline a specific exploration program and estimate of costs thereof but appears to propose a program of core drilling from the surface and the extension of a drift to penetrate an east-west trending fault or fracture.

The property was examined on March 19, 1957, by a DMEA examining team consisting of Howard F. Albee, U. S. Geological Survey and H. F. Robertson, U. S. Bureau of Mines. The applicant was represented by Melvin C. Johnson, one of the partners in the concern.

The fifteen D & R claims are located in Red's Canyon on the west flank of the San Rafael Swell. The property has been worked extensively from three adits by previous operators with very poor results. Shipments from the property total 44 tons of uranium ore that averaged 0.09 percent U_3O_8, 0.05 percent V_2O_5, and 6.5 percent $CaCO_3$.

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Known uranium deposits in the vicinity of the applicant's property are found in the basal Moss Back member of the Triassic Chinle formation and are restricted to channels and scours where the Moss Back lies on or within a few feet of the top of the Moenkopi.

The outcrop pattern of Moss Back on the property is such that a channel or scour could be observed if it were present. The southernmost adit appears to be in a remnant of a scour and some mineralized material is present. The westerly projecting finger of Moss Back in which the adit is located, however, is small areally and has been explored both by drilling and drifting and no ore grade material has been found. The other two adits are as much as 40 feet above the base of the Moss Back and no channel or scour can be seen. No radioactivity was detected in the middle adit and the radioactivity was only slightly above background in the northernmost adit.

The nearest ore body to the subject property is at the Lucky Strike mine, about 2,500 feet westerly from the northernmost adit on the D & R group. The Lucky Strike mine, from 1951 through 1956, produced 9,011 tons of ore averaging 0.22 percent U_3O_8 and about 0.10 percent V_2O_5. Observation either underground or at the outcrop on the applicant's property shows no geologic reason to believe that a similar ore body might be discovered.

The examining team concluded that the chances of discovering uranium deposits of significant size on the D & R claim group are poor and recommend denial of the application for DMEA assistance.

ACKNOWLEDGMENTS

The Atomic Energy Commission was consulted for production and reserve information and other data pertaining to the area concerned by the subject application.

LOCATION, TOPOGRAPHY, AND PHYSICAL FEATURES

The claim group which the applicant proposes to explore lies on the west flank of the San Rafael Swell. The claims are located in Red's Canyon, approximately 65 miles from Green River, Utah (fig. 1). The area is unsurveyed, but the claim group appears to lie in sections 5 and 6, T. 24 S., R. 9 E., S.L.B.M., Emery County, Utah. Good dirt roads lead from Temple Mountain, Utah, to the property, a distance of 30 miles. A paved highway extends from Temple Mountain to Green River.

The three adits are located on a steep, erosional escarpment some distance above the canyon bottom. A fair access road has been constructed to the portals. The claims are located partly on a nose capped by Wingate, Kayenta, and Navajo formations (fig. 2). Altitudes on the property range from 5,800 feet to 6,800 feet. All mining and exploration activity is confined to rim exposures of the Moss Back formation.

The climate is semi-arid with infrequent storms of short duration which occasionally wash out filled sections of the access roads. There is very little snowfall during the winter months.

Vegetation is very thin and most of the area has sparse soil cover. Sagebrush and other types of desert shrubs are found in the lower portions and scrub pinon and cedar trees on the higher, rocky mesa.

HISTORY AND PRODUCTION

The general area of the subject property has been prospected since about 1951 but few significant sized ore bodies have been discovered. The Lucky Strike mine (fig. 2), a short distance northwest of the D & R claims has produced 9,011 tons of uranium ore and was active at the time of the examination. The production rate has been irregular due to the scattered occurrence of uranium ore bodies of commercial grade. The mine has been intermittently operated since about 1951.

An attempt was made by a former lessee of the D & R claims to ship mineralized rock excavated in drifting, but the grade was too low to pay handling charges. A total of 44 tons was shipped and assayed 0.09 percent U_3O_8, 0.05 percent V_2O_5, and 6.5 percent $CaCO_3$.

OWNERSHIP AND EXTENT

The property consists of 15 unpatented lode mining claims and are owned by J. E. McCormack. The claims are recorded in the office of the Emery County Recorder at Castledale, Utah, as follows:

Name of claim	Date of Recording	Book	Page
D & R 1 thru 8	2-27-54	J-17	227 thru 234
D & R 9 thru 13	3-5-54	J-17	376 thru 380
D & R 14 and 15	6-25-55	J-98	253 and 254

The partnership of Wallace, Commons, and Johnson has a lease on the property, the terms of which are not known to the examiners as no copy of the instrument was included with the application.

PRESENT STATUS

Exploration and Development

There has been no planned exploration program attempted on the property. The three adits can probably be classed as exploratory since they were apparently following mineralized showings in from the rim. No specific direction was followed in driving these adits. The AEC has mapped the workings and prepared a report in which they give the property no reserves nor do they recommend further work. However, the mining was done without engineering and geologic guidance and mostly in intraformational scours as much as 40 feet above the base of the Moss Back member of the Triassic Chinle formation. All ore in the area has been found in the base of the Moss Back member.

Nine wagon-drill holes were completed on D & R claim No. 1 by a former lessee of the property and gave negative results. This drilling was in the vicinity of the southernmost and middle adits. The applicant has also done a small amount of drilling but submits no results obtained therefrom. Mr. Johnson did inform the examining team that no ore had been discovered by the drilling as of the date of the examination.

Mining Equipment and Other Facilities

Mining and exploration equipment on the property consisted of the following major items: one 1½ ton four-wheel drive truck, one truck-mounted core drill with accessories, two air compressors, two jackhammers complete with hoses, steel, etc., one 32-foot, fully equipped trailer-house, radiation counters, welders, and various other small tools and supplies. All would be available for use in the applicant's proposed work.

Water for drilling and other mining requirements is available from a spring near the property. Domestic water can be pumped from a well drilled on the property by the applicant. Supplies and equipment are available at Moab or Salt Lake City, Utah and Grand Junction, Colorado. Electric power is furnished by a gasoline-driven 1½KW Kohler light plant.

GEOLOGY

The property lies on the western, lesser dipping flank of the San Rafael Swell, which is a large, northerly trending, asymmetric dome. The rocks in the vicinity of the claims strike N. 30°-40° E., and dip about 2° northwest. The general area contains many faults, one of which crosses the claim area between the southernmost and the middle adits (fig. 2).

The oldest rocks exposed in the area are those of the Moenkopi formation which consists of regularly bedded, ripple marked red siltstone. The Moenkopi is overlain by the Chinle formation which is divided into three members. The lowest member is the Monitor Butte which consists of purple and red mudstone. The Monitor Butte is overlain by the Moss Back member which consists of poorly sorted sandstone and conglomerate. The Moss Back grades into the red shale of the overlying Church Rock member. The Wingate sandstone forms a sheer cliff immediately above the Chinle formation (fig. 2).

The Moss Back sandstone is the ore host and significant ore deposits are restricted to channels or scours where most or all of the Monitor Butte member has been eroded and Moss Back sandstone lies on or within a few feet of the base of the Monitor Butte member.

ORE DEPOSITS

There are no known ore deposits on the property. The claims have been worked extensively with negative results by drifting from three adits and some drilling has been done, also with negative results, in the area between the southernmost adit and the middle adit.

Inasmuch as every known deposit in either the Moss Back or the Shinarump is in a channel or scour, the primary requisite for indicating the possibility of an ore body on a property is the presence of a channel or scour. The strike of these features in the area of the claims is northerly as indicated by information of U. S. G. S. and AEC geologists.

The outcrop pattern of Moss Back on the property is such that a channel or a scour could be observed if it were present. The southernmost adit appears to be in a remnant of a scour and some mineralized material is present. The westerly projecting finger of Moss Back in which the adit is located, however, is small areally and has been explored both by drilling and drifting and no ore grade material has been found.

The middle and northernmost adits (fig. 2) are as much as 40 feet above the base of the Moss Back and no channel or scour can be seen. No radioactivity was detected in the middle adit and the radioactivity was only slightly above background in the northernmost adit.

The nearest ore body to the property is at the Lucky Strike mine about 2,500 feet westerly from the northernmost adit on the property. The Lucky Strike mine, from 1951 through 1956, produced 9,011 tons of ore that averaged 0.22 percent U_3O_8 and about 0.10 percent V_2O_5. Observation either underground or at the outcrop on the applicant's property shows no geologic reason to believe that a similar ore deposit or a smaller ore deposit may be found.

The AEC mapped the workings and took channel samples on the outcrop at each adit. The results of the samples are as follows:

Length	percent U_3O_8	percent V_2O_5	percent $CaCO_3$	percent Cu
6.3'	0.03	0.02	7.4	1.03
7.0'	0.002	0.03	22.5	0.02
7.0'	0.002	0.02	13.1	0.01

The AEC prepared a short report in which they gave the property no reserves and recommended no further work. Although the work, on which the AEC reported, was done well above the base of the Moss Back, probably no better results could have been obtained at the base due to the lack of channeling or scouring.

PROPOSED EXPLORATION

The applicant submitted a very unspecific proposal for an exploration project. They apparently contemplate a combination of drilling from the surface and drifting from the northernmost adit in an attempt to discover significant deposits of uranium ore. No estimate of footage or costs involved was submitted by the applicant.

No attempt is made by the examining team to design an exploration program because they consider the property not worthy of exploration with DMEA assistance and will recommend denial of the application.

CONCLUSIONS AND RECOMMENDATIONS

All information regarding the results of work done on the property is unfavorable. Although the property lies about 2,500 feet southeasterly from the Lucky Strike mine, there is no indication that a comparable ore deposit might be found on the applicant's claims.

During the inspection of the property, the examining team noted no channels, scours, or other favorable criteria at the base of the Moss Back which might indicate the presence of uranium ore deposits. The examining team questions the applicant's supposition that the structure a few hundred feet north of the northernmost adit is a true fault which would affect the deposition of uranium in any way. The AEC has done much work in the area and many faults have been mapped, however, no faulting is shown at that particular place in the area. It is also

noted that the applicant's theory of fault-controlled ore bodies in this area is not supported by mining and exploration which has been done in the vicinity of the D & R claims.

It is concluded that the chances of discovering uranium deposits of significant size on the applicant's property are poor. The examining team recommends that the application for DMEA assistance be denied.

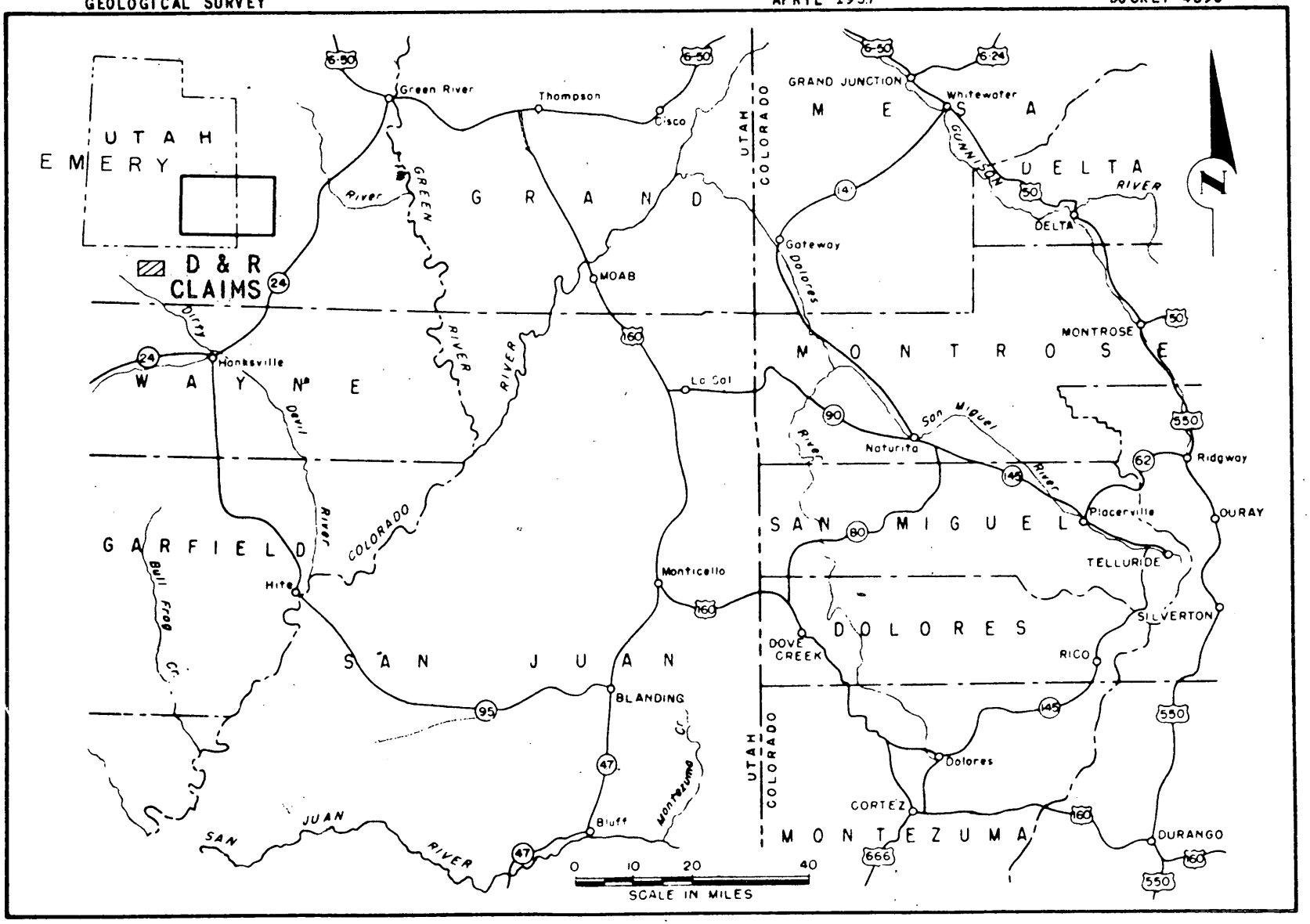
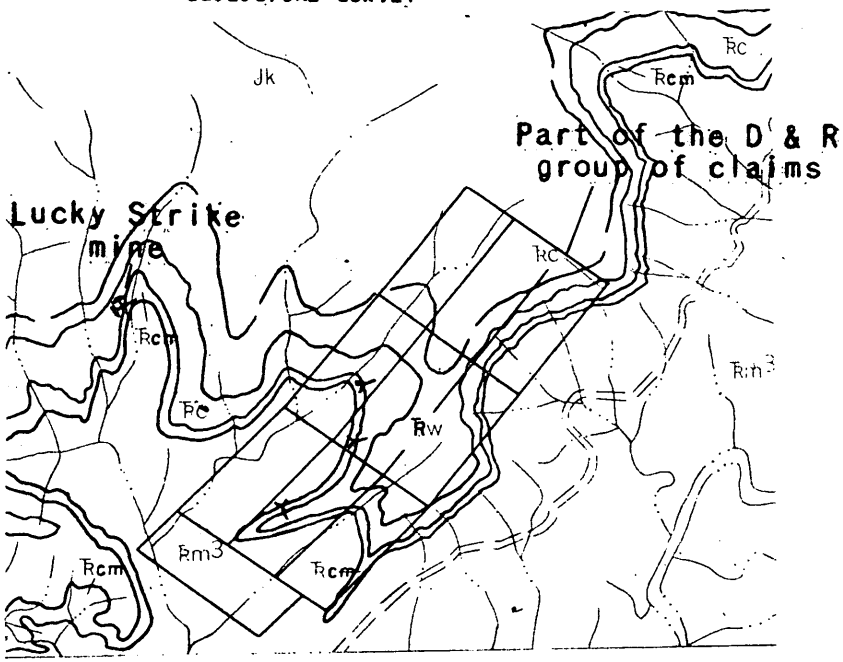


FIGURE 1.--LOCATION MAP, D & R CLAIM GROUP, WALLACE, COMMONS, AND JOHNSON, PARTNERSHIP, EMERY COUNTY, UTAH.

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DEFENSE MINERALS EXPLORATION ADMINISTRATION
APRIL 1957 DOCKET 4596



EXPLANATION

Jk	JURASSIC KAYENTA FORMATION
Ꞧw	TRIASSIC WINGATE SANDSTONE
Ꞧc	TRIASSIC CHINLE FORMATION
Ꞧcm	MOSS BACK MEMBER OF THE TRIASSIC CHINLE FORMATION
Ꞧm3	TRIASSIC MOENKOPI FORMATION, UPPER PART
⊢	ADIT
⚒	MINE

N

Note: GEOLOGY MODIFIED FROM PHOTOGEOLOGIC MAP, STINKING SPRING CREEK-5

0 1 MILE

FIGURE 2.--GEOLOGIC MAP SHOWING PART OF THE D & R GROUP OF CLAIMS, PARTNERSHIP OF WALLACE, COMMONS, AND JOHNSON, EMERY COUNTY, UTAH.

May 1-'57

Walter J. Wallace, Jr. phoned from Batavia Ill., re DMEA-4596. I told him he should have his answer in about a week or ten days but from what I saw in the docket, the proposed project "did not look so hot". He seemed to appreciate my being frank about it. EWE

4-12-'57

Mr. Wallace in Hiro today requesting more time. He will write us a letter to that effect & state the additional time needed. Hold this docket pending receipt of such a letter.

EWE

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DMEA
RECEIVED APR 15 1957

DATE	INITIALS	CODE
4/15	C	220
~~4/15~~	~~Murphy~~	~~700~~

221 Spring Street
Batavia, Illinois

April 13, 1957

United States Department of the Interior
Defense Minerals Exploration Administration
Washington, D. C.

Attention: Mr. Ernest William Ellis, Chief
Rare and Miscellaneous Metals Division

Gentlemen:

Re: Docket No. DMEA-4596 (Uranium)
Wallace, Commons & Johnson
Partnership. D & R Claims
Emery, County, Utah

Please refer to your letters dated January 14, 1957; 19 February 1957; and 19 March 1957 and please accept my apology for not answering sooner. The main reason for the delay was the request in paragraph 3, letter 14 January for three bids from independent contractors on this work. Much time has been consumed in attempts to get contractors to bid because they would not travel the 170 miles from Grand Junction, Colorado to the property to bid knowing that we intended to perform the work ourselves.

To further answer your letter of 14 January 1957:

1. Copy of lease required. This will be forwarded to you within the week.

2. Breakdown of costs required. This will be forwarded to you in quadruplicate within one week.

3. Narrative geological report required. We have employed the services of Mr. Robert Osterstot who should have the report ready for forwarding within one week.

Therefore, we respectfully request that the application time be extended on on the above DMEA loan application until 26 April 1957 in order to compile the information and have it in your hands.

Very truly yours,

Walter J. Wallace Jr.

Walter J. Wallace Jr.

221 Spring Street
Batavia, Illinois

No reply necessary.
This is confirmation of discussion while here in this office.

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
3/19	Murphy	700
3/19	Ellis	700
"	Johnson	110
"	Mittendorf	100
3/20	C	220
		700

MAR 19 1957

Visited Mr Ellis 4/12/57

Mr. Walter J. Wallace, Jr.
221 Spring Street
Batavia, Illinois

Re: Docket No. DMEA-4596 (Uranium)
Wallace, Commons, and Johnson Partnership
D. & R. Claims
Emery County, Utah

Dear Mr. Wallace:

Reference is made to our letters of January 14 and February 19, 1957, requesting additional information concerning the subject application for exploration assistance.

We wish to cooperate with you fully in allowing ample time to supply the requested information; however, we cannot indefinitely postpone action on an application. Therefore, if we do not receive the requested information within 30 days from the date of this letter, we will assume that you are no longer interested in proceeding with your application, and we will consider it as having been withdrawn.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

FMMurphy/gla
3-19-57
cc to: Admr.'s Reading File
DMEA Field Team, Region III (2)
THKiilsgaard, 5224
Jack Kratchman - AEC
FMMurphy, Code 700

Property examined March 19 with M.E. Johnson

8623

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
2/18	Murphy	700
2-19	Ellis	700
"	Mortenson	100
2/19	C	220
		700

FEB 19 1957

Mr. Walter J. Wallace, Jr.
221 Spring Street
Batavia, Illinois

Re: Docket No. DMEA-4596 (Uranium)
Wallace, Commons, and Johnson Partnership
D. & R. Claims
Emery County, Utah

Dear Mr. Wallace:

Reference is made to our letter, dated January 14, 1957, relating to the captioned docket.

Action on your application is pending receipt of the information requested in the above-mentioned letter. If you are no longer interested in the processing of this application, please advise us.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/gla
2-18-57
cc to: Admr.'s Reading File
Code 700, Mr. Murphy
DMEA Field Team, Region III (2)
THKiilsgaard, Rm. 5224
Jack Kratchman - AEC

8623

IN REPLY REFER TO:

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

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DMEA
RECEIVED FEB 1 1957

DATE	INITIALS	CODE
2/1	Cell.	220
2-1	Murphy	700

February 1, 1957

Re: DMEA 4596
Walter J. Wallace et al
D & R Claims
Emery County, Utah
No estimate - Uranium

Memorandum

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

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

Subject: Review of application

The applicants request assistance in exploring for uranium minerals in the Chinle formation. The applicants and earlier operators have done a large amount of drifting in the Chinle formation about 40 feet above the Moss Back member.

The work has been non productive of ore, perhaps because it is in rocks well above the favorably regarded Moss Back member. The workings appear to be in the rim across from the Lucky Strike mine, which is credited with the production of about 10,177 tons of about 0.25% U_3O_8 ore as of October 31, 1956.

The reviewers generously recommend that an examination be made. Certainly the applicants should be 'put straight' if such is possible.

Referral of the application to the Field Team is recommended.

N. E. Nelson

N. E. Nelson

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

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DMEA
RECEIVED JAN 25 1957

DATE	INITIALS	CODE
1-25	C	220
1-25	Elle's Murphy	700

224 New Customhouse
Denver 2, Colorado

January 23, 1957

Memorandum

To: Secretary to the Operating Committee

From: DMEA Field Team, Region III

Subject: Docket DMEA 4596 (Uranium) Application for Aid
Wallace, Commons, and Johnson (D & R Claims)
Emery County, Utah.

Enclosed are the original and three copies of a review of the subject application by members of the Grand Junction Office, DMEA.

They recommend that the property be examined, and we concur in this recommendation.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer

Enclosures

MINERAL DEPOSITS
IN REPLY REFER TO:
DMEA
RECEIVED
JAN 22 1957
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA
DEPARTMENT OF THE INTERIOR
P. O. Box 360
Grand Junction, Colorado
JAN 23 1957
REGION III
DENVER, COLORADO

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 25 1957

DATE	INITIALS	CODE

January 21, 1957

Memorandum

To: Executive Officer, DMEA Field Team, Region III

Through: J. William ~~Hasler~~ Hatt
E. N. Harshman

From: Howard F. Albee
H. F. Robertson

Subject: DMEA docket 4596 (Uranium), Application for aid, Wallace, Commons, and Johnson, D&R claims, Emery County, Utah

The partnership of Wallace, Commons, and Johnson has applied for DMEA assistance to explore for uranium on the D&R group of claims in the western part of the San Rafael Swell, Emery County, Utah. The application lacks proof of the partnership's interest in the claim group; a definite exploration proposal and estimate of costs; and the necessary bids from independent contractors on the proposed drilling. These items may need to be obtained from the applicant before the property is considered worthy of further investigation.

The property has been worked extensively from three adits by previous operators with very poor results. Shipments from the property total 44 tons of uranium ore that averaged 0.10 percent U_3O_8. The AEC has mapped the workings and prepared a report in which they give the property no reserves nor do they recommend further work. However, in talking to the AEC personnel they state that the work was done without engineering and geologic guidance and most of the work was done in scours as much as 40 feet above the base of the Moss Back member of the Triassic Chinle formation. All ore in the area has been found in the base of the Moss Back member.

The AEC cut a channel sample at each of the three adits, the results of which are as follows:

Length	$\%U_3O_8$	$\%V_2O_5$	$\%CaCO_3$	%Cu
6.3'	0.03	0.02	7.4	1.03
7.0'	0.002	0.03	22.5	0.02
7.0'	0.002	0.02	13.1	0.01

The samples were cut from the weathered surface above the base of the Moss Back.

All information regarding the results of work done on the property is unfavorable. This may, of course, be due to the location of most of the work well above the base of the ore bearing member of the Chinle.

The Moss Back that crops out on the property lies about 2,500 feet southeasterly from the Lucky Strike mine. The Lucky Strike had produced about 10,177 tons of ore through October 1956. Part of the ore was so low grade as to be unprofitable and part of it assayed well above 0.30 percent U_3O_8. The average grade for the total shipments has not been determined but at the time when the shipments totaled 7,973 tons the average grade was 0.28 percent U_3O_8 and 0.07 percent V_2O_5 with little or no penalty for lime content. The last production for which figures are available is that for the first quarter of the current fiscal year and for October, 1956. For July, August, and September, 1956, the production was 89 tons that averaged 0.19 percent U_3O_8 and for October, 1956, the production was 487.4 tons, part of which assayed 0.16 percent U_3O_8 and part 0.13 percent U_3O_8.

Inasmuch as the information on the property is that relative to the mine workings, for which the AEC gives no potential reserves, whereas the information needed is that relative to the base of the Moss Back, it is recommended that the property be examined. If the workings are as much as 40 feet above the base of the Moss Back an evaluation of the property cannot be properly made from those workings.

Howard F. Albee
Howard F. Albee,
Geological Survey

H. F. Robertson
H. F. Robertson
U. S. Bureau of Mines

HFA/mlr

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
1-11-57	Murphy	700
1-14	Ellis	700
	R Johnson	110
1/14	Wittenberg	100
1-14	C	220
1		700

JAN 14 1957

Mr. Walter J. Wallace, Jr.
221 Spring Street
Batavia, Illinois

Re: Docket No. DMEA-4596 (Uranium)
Wallace, Commons, and Johnson Partnership
D. & R. Claims
Emery County, Utah

Dear Mr. Wallace:

Your application under the above docket number lacks essential data which are necessary for its processing, namely:

1. A copy of the lease from Mr. J. E. McCormack to your partnership;

2. A definite exploration program with a breakdown of costs as outlined in item 6 of the application form, (a copy of this form is enclosed); and

3. A narrative geological report justifying the location and extent of the proposed work.

In item 5(b) of your application you state "----- we apparently must extend a tunnel or drift -----," however, the sketch submitted shows six (6) drifts and crosscuts. This descrepancy should be clarified.

We note in Mr. Johnson's letter, attached to the application, that he plans about 3,000 feet of drilling. If drilling is a part of the work proposed under the application, we will require copies of bids from three independent contractors for such work.

To expedite the processing of your application, please submit four (4) copies of each of the exhibits.

If you anticipate that you will require more than a month from the date of this letter to compile and submit the above-requested additional information, please advise this office the approximate date we may expect to receive it.

Sincerely yours,

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

Enclosure

FMMurphy/izm 1-11-57
cc to: DMEA FT Reg. III (2)
JOHosted, Rm. 3210, GSA
JECrawford, Rm. 3643

THKiilsgaard, Rm. 5224
Admr.'s Reading File
Code 700
Mr. Murphy

R.G.B.

8623

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

January 8, 1957

Mr. Walter J. Wallace, Jr.
221 Spring Street
Batavia, Illinois

Subject: DMEA - 4596

Dear Mr. Wallace:

Your application for exploration assistance, dated (not Dated) submitted to our office at Denver, Colorado has been assigned Docket Number DMEA-4596 and referred to the Rare & Miscellaneous 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:
~~RMD~~ ✓
~~Region~~ ~~XRI~~

Lacks lease

6816