DMEA Form 9

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

DMEA NO. 4731

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(Withdrawn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~~ MSHO 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

9775

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

April 17, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED APR 19 1957

DATE	INITIALS	CODE

Memorandum

To: Secretary to the Operating Committee, DMEA

From: DMEA Field Team, Region III

Subject: Application for DMEA Aid (Uranium) Alamco, Inc., (Doughboy Claims Nos. 1-9) Emery 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 reported mineralized target area by 200 feet of drifting at a total estimated project cost of $10,130.00.

Except for a single chemical assay which shows the outcrop to contain 0.06% U_3O_8, the Applicant apparently bases the work proposal on inferred geologic favorability and radiometric readings.

E. N. Harshman

By E. N. Harshman
Acting Executive Officer

Enclosures

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
APR 16 1957
REGION
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. 4731
Metal or Mineral URANIUM
Date Received 4-19-57
Estimated Cost $ 10,130
Participation (Government %)

APR 19 1957 DMEA

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.

Supplement attached hereto.

(*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 Nine (9) lode claims, situated in the San Rafael mining district, Emery County, Utah, in the SW¼ of section 11 Tsp. 20 so. R. 11 East

(*b*) State any mine name by which the property is known. Doughboy claims nos. 1 to 9 incl.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owner under Quit claim deed.

(*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 Subject to annual assessment work by June 30, 1957, also subject to 12½% royalty

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice Book J106 pages 254,255,256; Book J107 pages 434 to 439 inclusive.

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.

(*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.

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

(*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 "20" 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.*—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)? Yes

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

☒ Yes Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper. Detailed explanation attached hereto.

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 March 27, 1957.

Alamogordo Inc
Don E Ricketts
(Applicant)
By President

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

4a. No mining operations have or are being conducted on the property other than the prospecting with detection instruments.

4b. None.

4c. The property is located within the San Rafael structure. The mineralization occurs as a bedded deposit near the contact of the Moenkopi formation of Triassic age and the Shinerump formation of Triassic age, Radiomertic detection shows count of twelve to fourteen times normal background count. Chemical assay shows the surface ore to be above 0.06 (six hundredths) per cent U_3O_8. The ore is found in a highly mineralized zone about ten feet thick in the center and lensing out on each side. High count on the Scintillator is found for about twenty-five feet on each side of the thickest section of the sand lens. The uranium appears to be a secondary ore associated with the Iron Oxides with some carbonaceous material present.

There has been considerable production from this area from the same horizon and we feel the surface indications warrant further investigations.

4d. The property can be reached by traveling east from Castle Dale, Utah along the Old Spanish Trail Road about twenty miles to the Buckhorn Wash to the San Rafael River. The property lies about one-half mile north and about two-hundred yards east of the swinging bridge that crosses the river. Distance to Thompson, Utah, the A.E.C. buying station, is approxamately seventy miles. Access roads are built to the foot of the slope directly below the proposed work site.

4e. The work will be contracted. However, manpower is available in Castle Dale, Utah and neighboring towns. Materials, supplies and equipment can be obtained in Price, Utah, located about seventy miles distance. Water is available in the San Rafael River at all times of the year.

5b. Due to the thickness of the overlying sediments and the narrowness of the bench formed by the Shinerump conglomerate, we feel we can best explor the property by running a small drift on the lens where the minerals occur and follow the dip of the beds into the hill to see if the ore increases in concentration enough to further explor by cross addits, drilling or whatever the circumstances warrant.

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DATE	INITIALS	CODE

INSTRUCTIONS

No. 1 - Applicant - (A) Alamco, Inc. 937 Main St. Room No. 4, Evanston, Wyoming.

No. 1 (B) - Wyoming Corporation

No. 1- (C)- Donn E. Ricketts, Pres. P.O. Box 1212, Indianapolis 6, Ind.
Ora A. Kern, 1935 S. Delaware St. Vice-Pres.
Carl N. Schicker, Sec'y. & Treas. 620 Renkert Bldg., Canton, Ohio.

No. 5 (D)- Clark Englestead, who will be supervising the project, has worked in the field doing such work with Haile Mines Incorpated of New York City, N. Y. and Magnet Cove Barium Corportation of Houston, Texas. This work was done in Beaver County and the San Rafael Swell in Emery County, Utah. Mr. Englestead has been following an Geological Engineering course in college.

Mr. Donn E. Ricketts, who is president of Alamco, Inc. will also be supervising the project. Mr. Ricketts is and has been in the minerals industry for years.

No. 6 (A)-	200 feet of 5x7 ft. drift at $40.00 per foot-	$8000.00
(B)-	Supervision (expenses only) $10.00 per day--	500.00
(	Consultants, three days at $100.00 per day--	300.00
	Expenses for consultants at $20.00 per day--	60.00
(C)-	None.	
(D)-	1,000 feet of 4 in. pipe, rental,	350.00
(E)-	None.	
(F)-	None.	
(G)-	Contractor furnishes all.	
(H)-	Contingencies- estemate 10% of total cost.	920.00
	Total--------	$10,130.0

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DATE	INITIALS	CODE

- SUPPLEMENT TO CERTIFICATION -

The Alamco Corp. incorporated under the laws of the state of Wyoming, Sept. 28, 1956 will furnish the money for this operation in the sum of $10,000.00 and more if needed. As designated on the first page of this application our offices are 937, Room 4, Evanston, Wyoming, and we maintain a branch office at 620 Renkert Building, Canton, Ohio. All the work to be done, will be contracted by the Corporation, and will be supervised by the President, Donn E. Ricketts, P.O. Box 1212, Indianapolis, Indiana.

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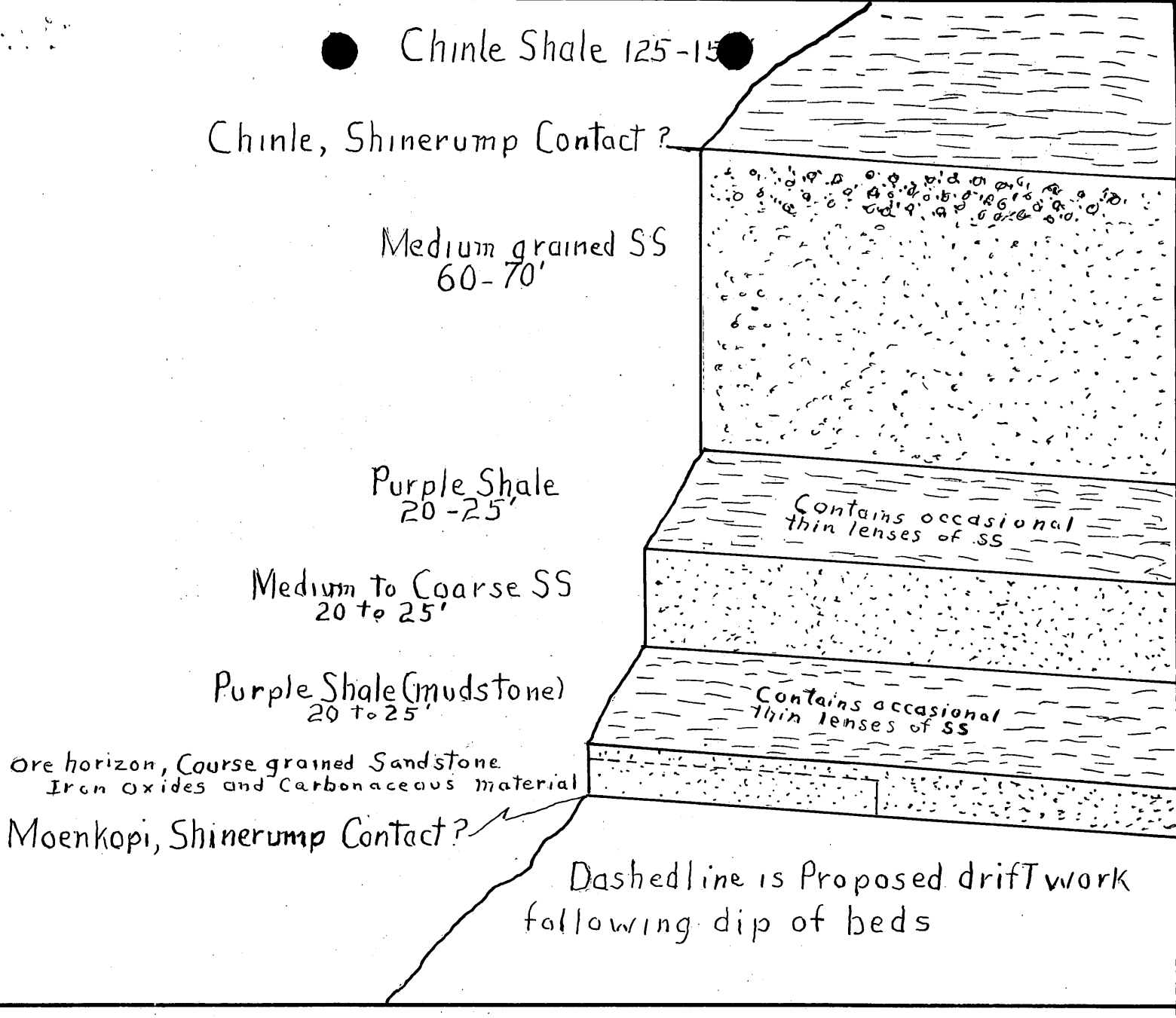
DATE	INITIALS	CODE



DOUGHBOY GROUP
EMERY COUNTY, UTAH
Sec. 11, Tsp. 20 S. R 11 East

Verticle Scale - 1" = 30'
Horizontal Scale - 1" = 100'

Section taken at discovery of Doughboy #2
Dip is approxamately N20° E
From 3° to 4° from horizontal

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DATE	INITIALS	CODE

Diamond Core Drilling
Mining
Quarries
Shaft Sinking
Tunnel Driving

Boyles Bros. DRILLING COMPANY

CONTRACTORS - ENGINEERS - GEOLOGISTS
General Offices
1321 South Main Street Phone HUnter 4-4401
SALT LAKE CITY 15, UTAH

DMEA
DEPARTMENT OF THE INTERIOR
APR 16 1957
REGION III
DENVER, COLORADO

Reply to: S. L. C.

January 14, 1957

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DATE	INITIALS	CODE

Mr. Clark Englestead
Alamco
428 H Street
Salt Lake City, Utah

Dear Mr. Englestead:

We are pleased to submit a bid on your 5' x 7', 200' drift on your San Rafael property. We understand this drift is to be -3-1/2° and in the Shinarump formation.

We will drive this drift for $45.00 per foot and furnish all supplies, labor and equipment.

Thank you for the opportunity to bid on your work.

Very truly yours

V. L. Stevens

V. L. Stevens
Manager, Mining Division

VLS:bg

DMEA
DEPARTMENT OF THE INTERIOR
APR 16 1957
REGION III
DENVER, COLORADO

Preston Bradshaw, Contracter
P.O.
Hurricane, Utah

Mr. Clark Englestead
Alamco Inc.
428 (H) Street
Salt Lake City, Utah

Dear Mr. Englestead:

I am happy to submit a bid for driftwork on your San Rafael property. I understand this drift is to be a 5' x 7' x 200' and inclined not more than _ 4½ degrees.

I understand my bid is to include the full expense of running the drift.

I will drive this drift for $50. (fifty dollars) per foot and furnish all supplies, labor and equiptment.

Thank you for the opportunity to bid on this work.

Very truly yours

Preston Bradshaw

Preston Bradshaw

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DATE	INITIALS	CODE

DMEA
DEPARTMENT OF THE INTERIOR

APR 16 1957
REGION III
DENVER, COLORADO

Castle Dale, Utah
March 18, 1957

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DATE	INITIALS	CODE

Alamco Inc.
428 H. Street
Salt Lake City, Utah

Attention: Mr. Clark Englestead

Dear Sir:

I am pleased to submit my bid to run a drift 5 X 7 feet 200 feet long for Forty Dollars ($40.00) per foot. I understand I am to furnish all equipment except 1,000 feet of pipe, more or less of 4 inch.

Witness: M. V. Bunderson
Reid C. Wilson

Theo Ungerman

This Indenture Witnesseth, *That* DONN E. RICKETTS, P.O.Box 1212, Indianapolis, Indiana and CARL N. SCHICKER, 620 Renkert Building, Canton, Ohio

RELEASE AND QUITCLAIM TO ALAMCO INC. of 947 Main Street, Evanston, Wyoming USA Branch Office located at 620 Renkert Bldg., Canton, Ohio

of Unita *County, in the State of* Wyoming

for the sum of --One Dollar and other valuable considerations---------- *Dollars.*

the receipt of which is hereby acknowledged, the following Mining Claims *in* Emery *County, in the State of* UTAH, USA *to-wit:*

Doughboy #1, Recorded August 29, 1955 in Book J-106 at Page 254
Doughboy #2, Recorded August 29, 1955 in Book J-106 at Page 255
Doughboy #3, Recorded August 29, 1955 in Book J-106 at Page 256
Doughboy #4, Recorded August 29, 1955 in Book J-106 at Page 257
Doughboy #5, Recorded September 8, 1955 in Book J-107 at Page 435
Doughboy #6, Recorded September 8, 1955 in Book J-107 at Page 436
Doughboy #7, Recorded September 8, 1955 in Book J-107 at Page 437
Doughboy #8, Recorded September 8, 1955 in Book J-107 at Page 438
Doughboy #9, Recorded September 9, 1955 in Book J-107 at Page 439

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DATE	INITIALS	CODE

All of the above claims recorded in the office of the County Recorder, Emery County, Utah, and lying and being in the San Rafael Mining District, Emery County, Utah.

All of the above CLAIMS are subject to the following OVERRIDE ROYALTY

Clark Englestead, Hurricane, Utah 5%
Vernon F. Keeley, 3839 N. Ruckle, Indianapolis, Indiana 2½%
Carl N. Schicker, 620 Renkert Building, Canton, Ohio 2½%
Donn E. Ricketts, P.O.Box 1212, Indianapolis, Indiana 2½%

IN WITNESS WHEREOF, the said DONN E. RICKETTS AND CARL N. SCHICKER

have hereunto set their *hand* s *and seal* s *, this* 26th *day of* January *19* 57

Donn E. Ricketts *(Seal.)*
Carl N. Schicker *(Seal.)*
(Seal.)
(Seal.)

60

State of Indiana County, ss:

Before me, a Notary Public in and for said County this 2nd day of February 1957

Dorm E. Ricketts and Carl N. Schicke, d/b/a Box 1212 Ind. Feb 6 Ind. and Carl N. Schicke, d/b/a Rocket Fireworks Company

(THE GRANTOR OF GRANTORS)

acknowledged the execution of the annexed Deed.

Witness my hand and seal.

Charles Campbell (Seal.)
Notary Public

My commission expires 5/11/58

151846

Dorm E. Ricketts

FEE 3.40

BOOK Q120 PAGE 59-60

FEB 5 10 44 AM '57

NELLIE B. YOUNG
RECORDER EMERY COUNTY

OFFICIAL CHARACTER

UTAH

~~INDIANA~~

QUITCLAIM DEED

SHORT FORM

RETURN ALAMCO, INC.

TO

D.E. RICKETTS, P.O. BOX 1212,
INDIANAPOLIS, INDIANA

RECEIVED FOR RECORD

the ..... *day of* .....

A. D. 19 ....., *at* ..... *o'clock* ..... *M.,*

and recorded in Record .....

page .....

Recorder ..... *County*

DULY ENTERED FOR TAXATION

..... *19* .....

AUDITOR

STATIONERS
INCORPORATED
38 N. PENNSYLVANIA ST.
INDIANAPOLIS

Recorded by .....

Proof Read by .....

Indexed { *Grantor* D. H. / *Grantee* D. H.

Abstracted { *Book* Index / *Page* #8

GEOLOGICAL REPORT

CALF MESA CLAIMS GROUP

CALF MESA, EMERY COUNTY, UTAH

LOCATION:

The Calf Mesa group is located in the area where Buckhorn Draw comes into the San Rafael River in Township 20 South, Range 11 East. The Lizzie claims, 1 to 28, and the Top claims, 1 to 12, are located in Sections 20 and 29 on the north end of Calf Mesa. The Doughboy claims, 1 to 9, are located in Sections 7 and 8, lying north of the river in Buckhorn Draw.

ACCESSIBILITY:

The claims may be reached by driving east from Castle Dale, Utah, on the Old Spanish Trail Road, thence south on the Buckhorn road to the San Fafael River bridge crossing. The Doughboy claims are about 1 mile north of the bridge on the northeast side of Buckhorn Draw and nearly adjacent to the road. The Lizzie and Top claims are about 3 miles west of the bridge, on the south side of the river, Road work to the claims has been partially completed.

TOPOGRAPHY:

The terrain consists of high-cliffed mesas and deep steep-walled canyons. Two prominent cliffs are formed by the Wingate sandstone, up to 400 feet thick, and the Mossback conglomerate, up to 100 feet thick. The shales of the Chinle and Moenkopi formations form steep slopes between and below the cliffs. The valleys and canyon floors are fairly flat.

MINING ACTIVITY:

Two properties on Calf Mesa, the Olsen mine and the Lone Tree mine are known to have produced ore. Tonnage and grade figures are not known. Several exploration projects have been initiated on the mesa and in the surrounding area and it is presumed that such activity will increase again during the summer of 1956.

DMEA
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DATE | NAME | CODE

GEOLOGY:

The high cliffs of the mesas are formed by the Jurassic Wingate sandstone. The cliff lines above the Chinle formation are almost unbroken and rise vertically for hundreds of feet. The underlying slopes are formed of the Triassic Chinle and Moenkopi formations.

In the Calf Mesa area the Chinle may be roughly divided into three sections; the upper red shales, the middle Mossback conglomerate sandstone, and the lower purple and varicolored shales.

The Mossback forms a cliff up to 80 feet high resting on the relatively thin and sometimes absent purple shale. This in turn lies unconformally on the reddish Moenkopi shales which form a steep slope to the canyon floors.

Broad channels have been observed on the mesa, cut into the Moenkopi and filled with a thin aggregation of dark shale and crossbedded Mossback conglomerate.

The strata are nearly flat-lying, dipping only slightly to the northwest. A few faults have been seen, striking generally northwest, with displacements up to 15 or 20 feet.

MINERALIZATION:

Mineralization observed in the mines on the southeast edge of the Mesa, occurs as a mixture of pyrite, uraninite and perhaps some copper sulfide minerals. Some yellow secondary mineralization was also seen, probably Carnotite. The deposits consist of high--grade lense--like bodies, roughly defined by the planes of cross-bedding. They are thin on one end, thick and cut off sharply on the other. High-grade mineralization is usually accompanied by a large content of carbonaceous fossil wood and plant fragments.

The mineralization occurs at the base of the Mossback, above the dark shales in the broad channels cut in the Moenkopi. The crossbedded Mossback conglomerate has frequently been called the Shinarump formation but recent studies have shown the conglomerate in this area to be part of the Chinle and the Shinarump formation is absent.

DEVELOPMENT:

The steep cliffs and slopes in the area practically

eliminate the possibility of pattern drilling. A few exceptions may be found where the Mossback bench is particularly wide. It would be easier to explore the claims by a careful study of the rim and the available information from nearby properties. Drilling might then be proposed on the basis of geological information from these studies projected into the claims.

RECOMMENDATIONS:

The claims are located so as to cover a favorable, known-productive uranium ore horizon. Although radioactive anomalies are known to exist, no ore-grade material is known to exist on the claims and the proof of any real value can only be found in further extensive exploration. The area is favorable to the possibility of finding an orebody because the same formation on adjacent properties is known to be mineralized and orebodies are present thereon. In order to explore the possibilities of the claims, the following projects are recommended:

(1) A careful study of the basal contact of the Mossback member of the Chinle, Possible channels, signs of mineralization and structural patterns should be carefully mapped.

(2) Bulldozing to clear off slide-covered contacts and clear off more promising exposures should be considered.

(3) All the information available from adjacent properties should be studied in an attempt to discover any pattern or trend of mineralization which might extend through these claims.

(4) Drilling should be based on the knowledge gained from the above studies.

Edwin J. Poehlmann
Geological Engineer

EDP/mp

GEOLOGICAL REPORT
CALF MESA CLAIMS GROUP
CALF MESA, EMERY COUNTY, UTAH

(Excerpt)

RECOMMENDATIONS:

The claims are located so as to cover a favorable known-productive uranium ore horizon. Although radioactive anomalies are known to exist, no ore-grade material is known to exist on the claims and the proof of any real value can only be found in further extensive exploration. The area is favorable to the possibility of finding an orebody because the same formation on adjacent properties is known to be mineralized and orebodies are present thereon. In order to explore the possibilities of the claims, the following projects are recommended:

(1) A careful study of the basal contact of the Mossback member of the Chinle should be made. Possible channels, signs of mineralization and structural patterns should be carefully mapped.

(2) Bulldozing to clear off slide covered contacts and to clear off more promising exposures should be considered.

(3) All the information available from adjacent properties should be studied in an attempt to discover any pattern or trend of mineralization which might extend through these claims.

(4) Drilling should be based on the knowledge gained from the above studies.

Edwin J. Poehlmann
Geological Engineer

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DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/15	Ching	700
5/16	Ellis	700
5/17	Selbrede	130
	Lamb	
	Kilsgaard	
5/17	Johnson	110
"	Montenay	100
		220
		225

MAY 17 1957

Mr. Donn E. Ricketts
Alamco, Inc.
P. O. Box 1212
Indianapolis, Indiana

Re: Docket No. DMEA-4731 (Uranium)
Doughboy Claims
Emery County, Utah

Dear Mr. Ricketts:

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 uranium mineralization 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 (for)

Administrator

MChing/gla
5-15-57
cc to: Admr.'s Reading File
Operating Committee
Code 700, Mr. Ching
THKiilsgaard, 5224
DMEA Field Team, Region III (2)

Copy to:
Alamco, Inc.
937 Main Street, Room No. 4
Evanston, Wyoming

8623

Ching
Ellis

DOCKET COPY

May 15, 1957

Summary of Proposed Project

Object: Denial of application for an exploration project.

Docket No. DMEA-4731

Commodity: Uranium

Applicant: Alamco, Inc., a Wyoming corporation
937 Main Street
Room No. 4
Evanston, Wyoming

Property: Nine unpatented lode mining claims, Doughboy Nos. 1-9, situated in sec. 11, T. 20 S., R. 11 E., S.L.B. & M., San Rafael mining district, Emery County, Utah. Applicant is the owner.

Date of application: March 27, 1957

Amount of application: $10,130.00

Referral to Field: No referral made. Memorandum Report recommending denial without a field examination received from Region III on April29, 1957.

Work Proposed: Explore a mineralized bed near the Shinarump-Moenkopi contact by drifting.

Estimated cost:

200 feet drifting @ $40.00/ft.	$8,000.00
Supervision and consultants	860.00
Pipe rental	350.00
Contingencies	920.00
Total	$10,130.00
Government participation at 75%	$ 7,597.50

Field Team Report: April 24, 1957 - H. F. Albee, USGS
M. H. Salsbury, USBM

The property is located in the northern part of the San Rafael Swell about one-half mile north of the San Rafael River. The potential uranium-bearing

sandstone in the vicinity is the Temple Mountain member of the Triassic Chinle formation. This member is best developed as siltstone and fine sandstone and is least obvious as coarse-grained or conglomerate sandstone. It immediately underlies the MossBack member and is in contact with the underlying Moenkopi formation in this area. The Moss Back in this area is a thick, massive, blanket-like deposit of sandstone and conglomerate with a minimum of scouring and channelling at the base. The uniform thickness and lithology and lack of channelling suggest that it is unfavorable for the occurrence of uranium deposits.

Deposits in the Temple Mountain member are small and extremely scattered. There has been no production from them. From the results of a resource appraisal study by the USGS it is concluded that, at best, the member can be considered only semi-favorable for small deposits in the northern part of the San Rafael Swell and unfavorable elsewhere.

The nearest known occurrences of uranium mineralization in the Temple Mountain member is directly across the canyon on the Buckhorn Nos. 1 and 2 claims. These occurrences were explored by two 20- to 30-foot adits, but no ore-grade material was found.

The nearest known production has been from scattered deposits in the Moss Back on Calf Mesa, from 2 to 4 miles to the southwest. Eight properties on Calf Mesa have produced 209 tons of material that assayed about 0.20% U_3O_8.

The outcrop of lower Chinle beds on the subject property is similar to other outcrops in the northern part of the San Rafael Swell and no significant tonnage can be expected. Denial of the application is therefore recommended.

Commodity Group Comments:

Bureau of Mines - James Paone - May 3, 1957.

Agrees with the Field Team and recommends that the application be denied without a field examination.

Geological Survey - N. E.Nelson - May 7, 1957

The results of prospecting and exploratory work in the vicinity appear to have been uniformly unfavorable. Concurs with the Field Team's recommendation that the application be denied.

Rare and Miscellaneous Metals Division - Michael Ching, May 15, 1957

The application is based primarily on anomalous radioactivity found in one small area. A chemical assay of the exposed material ran 0.06% U_3O_8. Neither this showing nor the results of previous work in this area encourage further exploration on this property.

Conclusions and Recommendations:

The possibility of finding a significant ore deposit on this property is quite limited. The information available warrants denial of the application without a field examination. It is so recommended.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

IN REPLY REFER TO:

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

May 7, 1957
Re: DMEA 4731
Alamco, Inc.
Doughboy Group
Emery Co., Utah
Uranium

Memorandum

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

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

Subject: Comment on Reviewers' memorandum

The applicant requested assistance in exploring claims in what the reviewers believe to be an unfavorable area.

The opinion of the reviewers is based on the results of prospecting and exploratory work in the vicinity. The results appear to have been uniformly unfavorable.

I accept the conclusions of the reviewers and concur with the recommendation of them and the Field Team that the application be denied.

N. E. Nelson

N. E. Nelson

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Comments Complete		

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

Date: May 3, 1957

DMEA Docket No. 4731
DMEA Contract No.
Commodity Uranium
Name of applicant Alamco, Inc.
Name of property Doughboy claims 1-9
Location of property Emery County, Utah
Estimated cost of project

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee
From: James Paone, Bureau of Mines Alternate Member
Uranium Commodity Committee
Subject: Review of Field Team Report
(Application, Field Team Report, etc.)

1. Date of subject document: 4/26/57. 2. Date received by reviewer: 5/2/57

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

4. Other 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 needing 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 ☒
  - i. 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)

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

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AIR MAIL

April 26, 1957

Memorandum

To: Secretary to the Operating Committee, DMEA

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

Subject: Docket DMEA-4731 (Uranium) Alamco, Inc. (Doughboy claims 1-9) Emery County, Utah

Enclosed are the original and three copies of a memorandum report, dated April 24, 1957, from H. F. Albee, U. S. Geological Survey, and M. H. Salsbury, U. S. Bureau of Mines, in which denial of the application without a field examination is recommended.

From data contained in the memorandum report, we conclude that significant uranium deposits would not be found by the proposed exploration, and we concur with the recommendation.

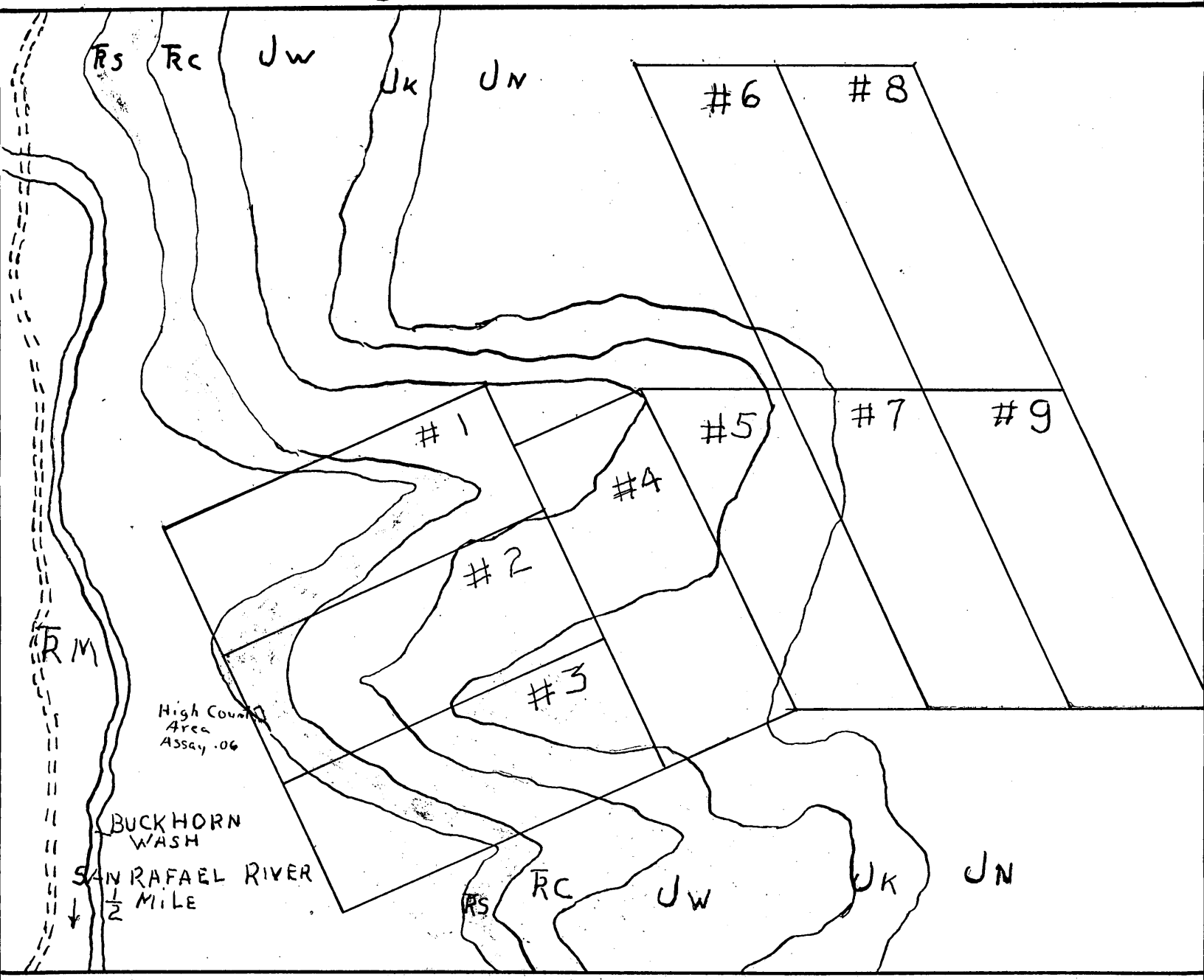
E. N. Harshman

E. N. Harshman

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
5-3-57
(date)

F.T. MEMO
REPORT



Doughboy Group
Emery County, Utah
Scale, 1" = 600'

CLAIM BOUNDARIES UNSURVEYED

ŘM = MOENKOPI
ŘS = SHINERUMP
ŘC = CHINLE
Jw = WINGATE
Jk = KAYENTA
JN = NAVAJO

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DATE	INITIALS	CODE

DMEA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. Box 360
Grand Junction, Colorado

APR 26 1957

REGION III
DENVER, COLORADO

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MINERAL DEPOSITS
REPLY REFER TO:
DMEA
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APR 25 1957
GEOLOGICAL SURVEY
DENVER, COLORADO

April 24, 1957

Memorandum

To: Acting Executive Officer, DMEA Field Team, Region III
John F. Shaw
Through: J. William Hasler
E. N. Harshman

From: Howard F. Albee and M. H. Salsbury

Subject: Application for DMEA aid (Uranium), Docket 4731
Alamco, Inc., (Doughboy claims 1-9), Emery County, Utah

Alamco, Inc., 937 Main Street, Room No. 4, Evanston, Wyoming, has applied to DMEA for aid to explore the Doughboy group of claims in the northern part of the San Rafael Swell, Emery County, Utah.

The claims are located about one-half mile north of the San Rafael river and on the east side of Buckhorn wash. The potential uranium bearing sandstone in the vicinity and on the claims is the Temple Mountain member of the Triassic Chinle formation.

The Temple Mountain member is a unit that ranges from a wedge-edge up to 100 feet thick and, although it is not confined to any particular lithology, is best developed as siltstone and fine sandstone and is least obvious in coarse-grained or conglomeratic sandstone. The member is characterized by its mottled purple-white color. The Temple Mountain member immediately underlies the Moss Back member and is in contact with the underlying Moenkopi formation in the northern two-thirds of the San Rafael Swell. In the southern one-third the Monitor Butte member lies between the Moss Back member and the Temple Mountain member. Toward the southern one-third of the Swell the Temple Mountain member thins and in places is absent.

In the northern part of the Swell the Moss Back member is a thick massive, blanket-like deposit of sandstone and conglomerate with a minimum of scouring and channelling at the base. The uniform thickness and lithology of the Moss Back and the lack of channelling at its base suggest that it is unfavorable for the occurrence of uranium deposits.

Uranium deposits in the Temple Mountain member are small and extremely scattered. From the results obtained from a resource appraisal study by U.S.G.S. personnel it is concluded that, at best, the member can be considered only semifavorable for small deposits in the northern part of the Swell and unfavorable elsewhere.

Reviewed by
DMEA OPERATING COMMITTEE
5-3-57
(date)

The nearest known occurrences of uranium mineralization in the Temple Mountain member is directly across the canyon to the west on the Buckhorn Nos. 1 and 2 claims. These occurrences have been explored by two 20 to 30-foot adits, and no ore-grade material was found.

The nearest known production to the Doughboy claims has been from scattered deposits in the Moss Back on Calf Mesa that range from 2 to 4 miles southwesterly from the applicant property. Eight properties on Calf Mesa have produced about 209 tons since about 1952 that assayed a little over 0.20 percent U_3O_8.

The known total production from the Moss Back in the northern part of the San Rafael Swell is only a few hundred tons, and no production is known from the Temple Mountain member. The outcrop of lower Chinle beds on the applicant's property is similar to other outcrops in the northern part of the Swell and no significant tonnage can be expected. Denial of the application is therefore recommended.

Howard F. Albee
Howard F. Albee,
Geological Survey

M. H. Salsbury
M. H. Salsbury,
Bureau of Mines

HFA/mlr

IN REPLY REFER TO:

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

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DMEA
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DATE	INITIALS	CODE
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Comments Complete		

April 25, 1957

Memorandum

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

From: W. P. Williams, U. S. Geological Survey

Subject: Review of application, DMEA 4731, (uranium), Alamco, Inc. Doughboy claims, San Rafael Swell, Emery County, Utah

The applicant proposes to explore for uranium ore deposits on nine mining claims located on the San Rafael Swell. The proposed work would consist of 200 feet of adit drifting, to be driven at the base of the Shinarump member, at a total estimated cost of $10,130.

The applicant's proposals seem to be predicated mostly on a high radiometric count at one place on the rim. There is little in the application to indicate the presence of channel structure or favorable Shinarump thickness and lithology.

I recommend that the application be referred to the Field Team. If an exploration project is warranted, the applicant's drifting proposal may be practicable because of the very deep cover which exists over much of the property.

W. P. Williams

W. P. Williams

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Date April 24, 1957

DMEA Index No. 4731
DMEA Project No.
Commodity Uranium
Name of applicant Alamco, Inc.
Name of property Doughboy Claims Nos 1-9
Location of property Emery Co., Utah
Estimated cost of project $10,130.00

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

Subject: Review of Application
(Application, Mold Item Report, etc.)

1. Date of subject document 3/27/57. 2. Date received by reviewer 4/23/57

3. Has expert on this property been to reviewer: Yes [ ] No [ ]

4. Has expert on mining production been to reviewer: Yes [ ] No [ ]

5. Is ore samples available on this production: Yes [ ] No [ ]

6. Is other pertinent factors been to reviewer: Yes [ ] No [ ]

7. Other facts which you deem:

8. Factors meriting 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 [X]
c. Reject [ ]
d. Agree with Field Team [ ]
e. Disagree with Field Team [ ]
f. Suggest alternate plan [ ]
g. Request another examination [ ]
h. Approval [ ]
i. Consult with Mr. _____ at _____ AEC office.

10. Remarks (Use back of page if necessary)

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration
Washington 25, D. C.

April 19, 1957

Mr. Donn E. Ricketts, President,
Alamco, Inc.,
P.O. Box 1212,
Indianapolis 6, Indiana.

Subject: DMEA 4731
Re: Exploration Assistance

Dear Mr. Ricketts:

Your application for exploration assistance, dated March 27, 1957, submitted to our office at Denver, Colorado, has been assigned Docket Number DMEA 4731 and referred to the Rare & 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, Chief
Operations Control and
Statistics Division

Copy to: Region III.

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