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DEFENSE MINERALS ADMINISTRATION
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DMEA ~~DMA~~ Docket No. 2623

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To:	Open Conn	Date	12-3-52
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FILE COPY
SURNAME:

Ellis
Hedges
Mayer
Martin
H. Jensen

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

Mr. Joey E. Rogers
Rogers and Rogers
P. O. Box 163
Aztec, New Mexico

MAY 1 8 1953

Re: Docket No. [illegible]-2123 (Uranium)
Hermit Fizz Claim
Navajo Reservation, New Mexico

Dear Mr. Rogers:

Reference is made to your application for Government aid on the proposed captioned project estimated to cost $[illegible], 20.

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

A careful study of your application and data available to this Agency and an examination of the property concerned reveal that the probability of disclosing minable ore reserves by your proposed exploration program is not believed to be sufficiently promising to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

If future work on your property reveals evidence which would materially alter this opinion, please let us know and we will be glad to consider a new application.

Very truly yours,
C. O. Mittendorf (for)
Administrator

GLAult/Mullin/eef 5/12/53

P.H.
5-18-53

cc to: Adm. Reading File
Oper. Committee
Docket
Messrs. HMKeiser, Room 3041
APButler, Room 3206 GSA
Ellis

BLM Field Team, Region IV (2)

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

May 13, 1953

SUMMARY OF PROPOSED PROJECT

Docket No.DMEA-2623
Applicant: Rogers and Sons
Box 763, Aztec, New Mexico

Subject: Denial of application

Commodity: Uranium
Location of property: San Juan County, New Mexico. Region IV
Amount of application: $84,820.00
Date of application: July 15, 1952

Outline of project: Applicant proposes to continue rim stripping and some drilling by wagon drill wherever the outcrops seem to be advisable.

Field Team Report: Dated: April 14, 1953
By: R. B. Raup and D. V. Haines, USGS. A.E.C. was contacted and they concur in recommendations of the Field Team. Bureau of Mines did not participate in examination, nor the report.

Recommendations: Denial because of geologic probability of sub-ore uranium content in zones, much less than mining width.

Commodity Members' comments:

Bureau of Mines: H. D.Keiser, dated May 11, 1953.

Concurs in denial recommended by Field Team.

Geological Survey:A. P. Butler, Jr., April 24, 1953.

Concurs in denial.

Rare & Misc. Metals Div. Engineer: Ernest Wm. Ellis

Comments: Recommend denial.

Ernest Wm. Ellis

Ernest Wm.Ellis, Chief
Rare & Misc. Metals Division

5/13/53 gla

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

May 11, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member
Uranium Commodity Committee

Subject: Final Report, DMEA Docket-2623, Rogers & Sons, Donet Nezz Claim, San Juan County, New Mexico

I have reviewed the subject report and discussed it with Arthur P. Butler, Geological Survey Member, and Joseph O. Hosted, representative of the Atomic Energy Commission.

It is recommended that the report be approved, and that the application for an exploration loan be denied.

H D Keiser
H. D. Keiser

Attachment

STANDARD FORM NO. 64

4/30/53 gla

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member
Uranium Commodity Committee

DATE: April 24, 1953

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: Field Team report, DMEA Docket 2623 (Uranium), Jody B. Rogers, applicant: Denet Nezz claim, Sanastee Wash, Navajo Indian Reservation, San Juan County, New Mexico.

I have reviewed the Field Team report about the property identified in the subject above. The proposals for exploration were stated only vaguely in the application.

As a result of an examination of the property, the Field Team concludes that the uranium content of the deposits in the area proposed for exploration is too little, about 0.03 percent U_3O_8, to be considered ore grade at the present time, and recommends that Government assistance for exploration be denied. I concur.

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

Copy to: E. Wm. Ellis (2)

Bureau Mines
RECEIVED
APR 28 1953

IN REPLY REFER TO:

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

E. Wm. Ellis, DMEA Member
Uranium Commodity Committee
Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

April 24, 1953

Field Team report, DMEA Docket 2623 (Uranium), Jody B. Rogers, applicant: Denet Nezz claim, Sanastee Wash, Navajo Indian Reservation, San Juan County, New Mexico.

I have reviewed the Field Team report about the property identified in the subject above. The proposals for exploration were stated only vaguely in the application.

As a result of an examination of the property, the Field Team concludes that the uranium content of the deposits in the area proposed for exploration is too little, about 0.03 percent U_3O_8, to be considered ore grade at the present time, and recommends that Government assistance for exploration be denied. I concur.

Arthur P. Butler, Jr.

Copy to: E. Wm. Ellis (2)

4/27/53 gla

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

224 New Customhouse
Denver 2, Colorado

April 16, 1953.

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2623 (Uranium), Rogers and Sons, Denet Ness Claim, San Juan County, New Mexico.

Enclosed are the original and three copies of the report pertaining to the above application.

We recommend denial of this application for assistance in exploration work estimated to cost $84,820.00. The A.E.C. has been contacted and they concur in this recommendation.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

4-24-53
(Date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P.O.Box 4125, University Station
Tucson 5, Arizona

April 9, 1953

Memorandum

To: Field Team, Region IV, Denver, Colorado
Through: A. H. Koschmann

From: A. F. Shride, Tucson, Arizona

Subject: Final Report, MEA 2623, Desert Hoss Claim, J. B. Rogers and Sons, San Juan County, New Mexico (Uranium)

Enclosed are the original and 10 copies of the above report by R. B. Raup and D. V. Haines of the Geological Survey. The Bureau of Mines did not participate in the examination and will not submit a report.

This report recommends denial of an exploration loan because of geologic probability of sub-ore uranium content in zones much less than mining width. I participated in the examination and believe the conclusions are well justified.

The Atomic Energy Commission has been contacted and their information and recommendations agree with the data and recommendations of this report.

The brochure is enclosed.

A. F. Shride

Enclosures 11

4-24-53

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

April 14, 1953

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 2623, Donot Mezz Claim, J. B. Rogers and Sons, San Juan County, New Mexico. Uranium.

Enclosed are the original and 10 copies of the geological report by R. B. Raup and D. V. Haines of the U. S. Geological Survey, covering the above docket. It has been recommended that the loan be denied. The AEC has been contacted and their recommendations agree with the recommendations of this report.

The Bureau of Mines did not participate in the examination and will not submit a report.

The brochure is enclosed.

A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (12)

4-24-53

DESERT BELLE CLAIM
J. B. ROGERS AND SONS
SAN JUAN COUNTY, NEW MEXICO
DMRA 2523

URANIUM

Geology

By
Robert B. Raup, Jr.
and
David V. Heinrich
Geologists, U. S. Geological Survey

Received by
Dept. of Mines & Minerals

4-24-53

DENET MINE CLAIM
J. B. ROGERS AND SONS
SAN JUAN COUNTY, NEW MEXICO
BMKA 2693

URANIUM

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North Outcrop	3
South Outcrop	4
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Summary and Conclusions	5

INTRODUCTION

The Donet Ness claim, San Juan County, New Mexico, includes three known occurrences of uranium minerals in sandstone; recent bulldozing has exposed these occurrences. To facilitate exploration of the deposits, J. B. Rogers and Sons, lessees of the claim, applied for Government assistance through the Defense Minerals Exploration Administration. Accordingly, the writers, on behalf of the DMEA, made a field examination of the property on January 29, 1953. The writers were guided to the properties by Morris Rhodes and Frank H. Pasley, who, with Floyd Rhodes, sub-leased the claim from J. B. Rogers and Sons in October, 1952 for a period of 2 years.

After examining the deposits on the claim it did not seem necessary to investigate the terms of the lease and the intent of the applicant because exploration cannot be recommended. It would have been necessary to contact J. B. Rogers, now resident in Bakersfield, California, and Floyd Rhodes, the active member of the sub-leasing group to get this information. J. B. Rogers had authorized the sub-lessors to act as guides in this examination; but Messrs. Pasley and Morris Rhodes were not informed as to the terms of the original lease or their position in the exploration requested by the applicant. The exploration proposed is vaguely stated in the application.

The Donet Ness claim, which was leased or sub-leased by Rogers through the Navajo Indian Tribal Council, is said to include approximately 600 acres on the northeastern flank of the Chuska Mountains approximately 5 miles east of the Arizona-New Mexico state boundary. The property is accessible from Shiprock, New Mexico, the nearest Atomic Energy Commission uranium buying station, as noted in the following road log:

	0.0	Shiprock, N. M. Proceed south on U. S. 666.
25.0	25.0	Sanastee road. Turn west.
9.1	34.1	Village of Sanastee.
4.2	38.3	Road fork. Left to Enos Johnson claims and right to Donet Mesa claims.
2.4	40.7	Road fork. Left to south Donet Mesa exposure (1.2 miles) and right to north Donet Mesa exposure (1.8 miles).

GEOLOGY

The rocks in the area range in age from upper Triassic to early Tertiary. The Jurassic Morrison formation is represented in this area by four members which are, in ascending order, the Salt Wash sandstone, Recapture sandstone, Westwater Canyon sandstone, and the Brushy Basin shale. The Morrison formation has a fairly consistent 3° to 8° easterly dip.

According to Droullard and Jones[1] the uranium ore deposits of the Sanastee area occur in the upper portion of the Recapture sandstone member. J. A. Masters,[2] District Geologist of the AEC, indicates that the Donet Mesa deposits are probably in the Salt Wash member. The examiners did not identify the uranium-bearing sandstone of the area proposed for exploration.

Where examined along its outcrop, the uranium-bearing sandstone consists primarily of brownish-gray, medium-grained sandstone locally containing sparse siliceous limestone nodules. Interbedded with the sandstone are gray to greenish-gray mudstone layers. The sandstone layers are lenticular the individual lenses are irregular in size although all seem to be quite large in areal extent.

1/ Droullard, R. F. and Jones, E. E., 1951, Investigation of uranium deposits near Sanastee, New Mexico: U.S.Atomic Energy Comm. RMO-909.

2/ Written communication, January 28, 1953.

URANIUM DEPOSITS

Abnormal radioactivity has been found on the Donat Nexx claim in outcrops of sandstone on both walls of the Sanastee Wash canyon. The uranium-bearing sandstone forms a fairly gentle slope; above and below this unit more resistant beds form steep and rugged slopes. Talus cover is common except where the most resistant beds form cliffs. Bulldozing has exposed the most highly radioactive portions of the sandstone on both the north and south outcrops along Sanastee Wash.

North Outcrop

The bulldozed exposure on the north outcrop is approximately 150 feet in length. An 8-foot face is cleaned along most of the length and above the face is a 10-20 foot wide bench. Uranium minerals of the carnotite type occur in the uppermost 12-15 inches of a 3-foot thick sandstone bed. The greenish-yellow minerals are finely disseminated in the sandstone but are most highly concentrated around sparse, irregularly shaped nodules of siliceous limestone which are as much as 4 inches in thickness and 1 foot in diameter but are mostly less than 3 inches in diameter. In the north outcrop the only material that might conceivably approach ore grade is in this 12-15 inch thick zone. Overlying the most favorable zone is a thinly-laminated sandy mudstone, 3 feet in thickness. Two 1-foot thick beds of sandstone overlie the mudstone.

Average background radioactivity as measured with N.I.C.C. Geiger counter No. 1330 is 0.03-0.06 mr/hr. Radioactivity around the siliceous limestone nodules is as much as 2.0 mr/hr, and, in the most favorable layer of the sandstone underlying the bench, the average reading is 0.08-0.20 mr/hr.

Talus covers most of the sandstone both to the east and to the west of the exposure. At the few places where the favorable horizon outcrops no significant radioactivity was discovered using N.I.C.C. scintillation counter No. 707. Average radioactivity is so little and uranium concentrations are so sparsely distributed that no samples were taken from this bench.

South Outcrop

On the south side of Sanastee Wash and about ½ mile from the north exposure 2 places along the sandstone outings have been exposed by recent bulldozing. A bench approximately 150 feet long by 120 feet wide is the larger exposure and, within 600 feet to the east, a narrow and irregular bench 15 to 30 feet in width and 100-150 feet long constitutes the smaller exposure. Between these benches a road cut exposes most of the length of the intervening mineralized outcrop.

No radioactive minerals are visible in the outcrop but the most favorable zone for uranium-bearing minerals can be determined with a Geiger counter. The zone is from 9 to 12 inches of thin-bedded, cross-laminated sandy mudstone of a buff color and is overlain by thinner layers of greenish sandy mudstone which is commonly stained maroon. Siliceous limestone nodules are not present in the south outcrop.

A radiometric survey of the benches and the road cut exposures on the edge of the bench was made with both the scintillation and Geiger counters. The radioactivity is irregularly concentrated although present over the entire bench exposures and sporadically along the road cut exposure. Highest readings recorded by the Geiger counter are as much as 0.40 mr/hr (background is 0.03-0.05 mr/hr) but the average reading is 0.10-0.20 mr/hr.

Exploration of such a thin deposit, containing sporadically distributed concentrations of material averaging probably at most 0.03 percent U_3O_8 is not warranted. The proposed wagon drilling would be difficult to complete successfully because 1) the excessively rugged and steep terrain above the outcrops is not adaptable to wagon drill operations and 2) much of the ore zone is probably too far below the surface for successful recovery of samples.

The grade of the existing exposures is far below economic value even for large tonnage deposits. Since the favorable sandstone is lenticular there is no basis for anticipating a significant increase in the present low inferred tonnage. Also, there is no evidence to indicate an improvement in uranium content within the masses.

For these reasons it is recommended that the loan application be denied. The Grand Junction offices of the AEC and the Geological Survey have been contacted for the information on this area. The information available from these sources in no way conflicts with the above information and recommendation.

4/21/53 gla

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

224 New Customhouse
Denver 2, Colorado

April 16, 1953.

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: Final Report, DMEA Docket 2623 (Uranium), Rogers and Sons, Denet Nezz Claim, San Juan County, New Mexico.

Enclosed are the original and three copies of the report pertaining to the above application.

We recommend denial of this application for assistance in exploration work estimated to cost $84,820.00. The A.E.C. has been contacted and they concur in this recommendation.

W. H. King

W. H. King

A. H. Koschmann

A. H. Koschmann

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P.O.Box 4126, University Station
Tucson 5, Arizona

April 9, 1953

Memorandum

To: Field Team, Region IV, Denver, Colorado
Through: A. H. Koschmann

From: A. F. Shride, Tucson, Arizona

Subject: Final Report, DMEA 2623, Demet Mexx Claim, J. B. Rogers and Sons, San Juan County, New Mexico (Uranium)

Enclosed are the original and 10 copies of the above report by R. B. Raup and D. V. Haines of the Geological Survey. The Bureau of Mines did not participate in the examination and will not submit a report.

This report recommends denial of an exploration loan because of geologic probability of sub-ore uranium content in zones much less than mining width. I participated in the examination and believe the conclusions are well justified.

The Atomic Energy Commission has been contacted and their information and recommendations agree with the data and recommendations of this report.

The brochure is enclosed.

A. F. Shride

Enclosures 11

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

April 14, 1953

Memorandum

To: DMEA Field Team, Region IV

From: A. H. Koschmann

Subject: DMEA Docket 2623, Denet Nezz Claim, J. B. Rogers and Sons, San Juan County, New Mexico. Uranium.

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A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Enclosures (12)

DENET MESZ CLAIM
J. B. ROGERS AND SONS
SAN JUAN COUNTY, NEW MEXICO
DMRA 2623

URANIUM

Geology

By
Robert B. Raup, Jr.
and
David V. Haines
Geologists, U. S. Geological Survey

DENNY NEZZ CLAIM
J. B. ROGERS AND SONS
SAN JUAN COUNTY, NEW MEXICO
DMM. 2623

URANIUM

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The smaller, eastern bench exposure is geologically similar to the larger one but the radioactivity is even more irregular in distribution and the average anomaly is insignificant.

RESERVES

Three samples taken from the largest and most highly radioactive exposures of the south outcrop were assayed by the Tucson Metallurgical Division office of the U. S. Bureau of Mines. These samples assayed as follows:

Sample No.	Percent eU_3O_8	Percent U_3O_8
12645	0.06	0.034
12646	0.03	0.015
12647	0.06	0.038

Samples 12645 and 12647 represent stockpiled "high grade" material from the larger (western) bench. Sample 12646 represents material in place in the area of highest observed radioactivity on the western bench. From this information a liberal estimate of average grade for the inferred 1200 tons of material in the southern outcrop along Sanastee Wash is placed at 0.025 percent U_3O_8. The reserves in the northern outcrop are perhaps 20 percent of this amount and are of lower grade.

SUMMARY AND CONCLUSIONS

At 3 places on the Denet Nezz claim uranium-bearing zones have been exposed in Jurassic sandstone. Concentrations of ore minerals are small, irregular in distribution, and quite low in uranium oxide content. The mineralized portion of the sandstone is thin, seldom more than 1 foot in thickness. The exposures observed are probably typical of the area proposed for wagon drilling.

Exploration of such a thin deposit, containing sporadically distributed concentrations of material averaging probably at most 0.03 percent U_3O_8 is not warranted. The proposed wagon drilling would be difficult to complete successfully because 1) the excessively rugged and steep terrain above the outcrops is not adaptable to wagon drill operations and 2) much of the ore zone is probably too far below the surface for successful recovery of samples.

The grade of the existing exposures is far below economic value even for large tonnage deposits. Since the favorable sandstone is lenticular there is no basis for anticipating a significant increase in the present low inferred tonnage. Also, there is no evidence to indicate an improvement in uranium content within the mesas.

For these reasons it is recommended that the loan application be denied. The Grand Junction offices of the AEC and the Geological Survey have been contacted for the information on this area. The information available from these sources in no way conflicts with the above information and recommendation.

700 FILE COPY
SURNAME:

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

Ellis
Hedges
Russell
Selfridge

DEC 4 1952

Mr. Joe B. Rogers
Rogers and Sons
402 W. Animas Street
Farmington, New Mexico

Re: Docket No. DMEA-2623 (Uranium)
Deret Nezz Claim
Navajo Reservation, New Mexico

Dear Mr. Rogers:

Your letter of November 19, 1952, is acknowledged. The application for assistance in exploring your property, above named, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred to the Executive Officer of Region IV at the following address:

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

The Regional Office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

(signed) FRANK E. JOHNSON

ACTING Administrator

EWEllis/gla
12-3-52
cc to: Adm. Reading File
Docket
Mr. Ellis
DMEA Field Team, Region IV (2)

FILE COPY
SURNAME:

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

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

DEC 4 1952

Re: Docket No. DMEA-2623 (Uranium)
Rogers and Sons
Denet Nezz Claim
Navajo Reservation, New Mexico

Dear Mr. King:

The captioned application is referred to your office for a field examination, if such is deemed necessary, and your recommendations.

Enclosed is a copy of a letter received from the Applicant, dated November 4, 1952, which is in reply to our letter of inquiry, dated July 29, and our follow-up letter, dated October 29, 1952, copies of which were forwarded to your office at the time of writing.

Also enclosed are copies of memoranda from Mr. H. D. Keiser, dated November 14, and from Mr. Arthur P. Butler, Jr., dated November 28, the commodity specialists who studied the subject application and supporting data.

As is shown by the correspondence and the application, the nature of the proposed project is too sketchy upon which to base an opinion as to the merits of the project.

Should a contract be recommended, it is suggested that considerable attention be given to Applicant's estimate of costs. It would appear that Applicant proposes to rent to the project one D-8 tractor at $15.00 per hour and one D-7 tractor at $12.00 per hour, which equipment is presently owned by the Applicant. Only the usual rate of 1/60th per month of the present valuation of this equipment can be allowed on a depreciation basis. The cost of the fuel, maintenance and operators will accordingly have to be estimated separately. Such method of cost estimation should, quite naturally, reduce somewhat the over-all cost of the project. It is also noted that the estimate of costs apparently makes no provision for assaying the samples that are taken.

One copy of the application was forwarded to the Region IV office under date of July 23.

Sincerely yours,

George C. Selfridge
ACTING Chairman, Operating Committee (JHB)

Enclosures

APPROVED:

E. L. Hedges (JHB)
Member, Bureau of Mines

A. R. Kinkel, Jr. (JHB)
Member, Geological Survey

EWEllis/gla 12-3-52
cc to: Adm. Reading File
Operating Committee
Docket
Messrs. H. D. Keiser, Rm. 3647
A. P. Butler, Jr. Rm. 3206 GSA
Mr. Ellis
DMEA Field Team, Region IV

J.H.
12-4-52

12/2/52 gla

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member, Uranium Commodity Committee

DATE: November 28, 1952

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: Supplementary information DMEA Docket 2623 (uranium) - Jody B. Rogers, applicant: Denet Nezz claim, Sanastee, Wash., Navajo Reservation, San Juan Co., N. Mex.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 1 1952

Comment

The supplementary information furnished by the applicant indicates that his property is either in or near an area in which geologists of the Grand Junction Exploration Branch, U. S. Atomic Energy Commission, consider favorable for some exploration (Droullard, R. F., and Jones, E. E., 1951, Investigation of uranium deposits near Sanastee, N. Mex.: U. S. Atomic Energy Commission Rept. RMO-861, unpublished version of RMO-909). It is not possible, however, to determine from the crude sketch submitted by the applicant the location of his property with respect to the area examined by AEC geologists.

Results of analyses submitted by the applicant indicate the possible presence of uranium ore of marketable grade. Work by the AEC suggests that ore bodies in this area are very small, less than 100 tons each. The application is still deficient in failing to define the method and amount of exploration proposed sufficiently so that its appropriateness for finding such small targets can be appraised. In addition, the relation of proposed exploration to possible ore as suggested by the sampling is not clearly defined.

As the applicant's samples are suggestive of the possible presence of ore-grade material, and as the property is in or close to an area in which ore is inferred by geologists of the Atomic Energy Commission, it is probably worthy of consideration for exploration.

Recommendations

Neither the data submitted by the applicant nor information in the Washington files of the Geological Survey provide a basis for judging the kind, location, or amount of exploration that might be justifiable.

In view of the sketchiness of the supplementary information submitted by the applicant further correspondence on these points appears likely to fruitless. I recommend, therefore, that the application be submitted to the Field Team for their review and recommendations. The examining members of the Team should consult with geologists of the Grand Junction staffs of the U. S. Atomic Energy Commission and U. S. Geological Survey to obtain the benefit of their suggestions and recommendations and any maps that may be available. Although direct examination of the property may be necessary, I believe it should be preceded by the consultation suggested in order to avoid unnecessary duplication of effort.

Arthur P. Butler, Jr.

Cy. to E. Wm. Ellis

Arthur P. Butler, Jr.

11/24/52 gla

Rogers and Sons

Excavating, Road Building, Bulldozing Service

Phone 240-W -:- 402 W. Animas St.

FARMINGTON, NEW MEXICO

fax

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 21 1952

November 19, 1952

United States Department of the Interior
Defense Mineral Exploration Administration
Washington 25, D. C.

Re: Docket No. DMEA-2623 (Uranium)
Denet Nezz Claim
Navajo Reservation, New Mexico

Atten: Ernest Wm. Ellis

Gentlemen:

With reference to the above captioned expiration loan we would appreciate having this matter expedited as rapidly as possible so that we may proceed without further delay.

If there is any additional information that you require or anything further that we need to do to complete this matter please let us know immediately.

Yours truly,

ROGERS AND SONS

Joe Rogers

Joe Rogers

11/17/52 gla

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

November 14, 1952

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 14 1952

To: Ernest William Ellis, DMEA Member,
Uranium Commodity Committee, Room 4640

From: H. D. Keiser, Bureau of Mines Member,
Uranium Commodity Committee

Subject: Letter dated November 4, 1952, DMEA Docket 2623, Rogers and Sons, 402 W. Animas Street, Farmington, New Mexico.

I have reviewed the subject letter and attachment.

It is recommended that the subject letter, together with the original application in the docket, be transmitted to the field team for investigation and report, and that the field team be instructed to discuss the application with Mr. Lowell Hilpert, Geological Survey, and Mr. Ernest Gordon, U. S. Atomic Energy Commission, Grand Junction, Colorado.

H. D. Keiser

Attachment

11/6/53 gla

Rogers and Sons

Excavating, Road Building, Bulldozing Service

Phone 240-W -:- 402 W. Animas St.

FARMINGTON, NEW MEXICO

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 5 1952

November 4, 1952

Mr. Ernest Wm. Ellis
Rare and Misc. Metals Division
Washington 25, D.C.

2623

Re: Docket N. DMEA- (Uranium)
Denet Nezz Claim
Navajo Reservation, New Mexico

Dear Mr. Ellis ,

I would like to state that we are still very much interested in obtaining an exploration loan for use on our uranium properties, but due to uncontrolled circumstances I have not been able to reply to your letter of July 29 until at this time.

I will try to answer each question as best as I can that was not answered properly in form MF 103.

1. In paragraph 3(a) of the application you ask for a legal discription of the property.
This property being on the reservation has not been surveyed, and set into townships, sections, etc. It is the accepted practice to have your claims surveyed and tied into by some land mark. Then have your survey map recorded at the land office in Santa Fe New mexico. This we have done.

2. Paragraph 4 (a), (b) and C.

The work we have done so far on this property is as follows: We have built roads up Sanastee Wash about five miles from the foothills to our property. Then we built a road from the bottom of the canyon up to bottom of the lower morrison formation. This being about 2000 feet in altitude from the bottom of the wash. We have just begin stripping operations along the morrison which runs about one mile on each side of the Sanastee Wash. We have taken samples of one oct. which was about two ft. wide and sixty ft. long and it ran 14 hundredths of one %. See the sketch.

3. Paragraph 5 (b) .

We propase to continue the rim stripping until it is completed and to do some drilling with a wagon drill whereever the outcrops seem to deem advisable.
The Enos Johnson claim which join us, and exactly the same type of formation is now producing 50 to 80 tons a day.

4. Paragraph 6(b)

The $150 a week for supervisor, is for geologist fully qualified to judge the formations and the operations. He is to be in full charge of the operations.

Rogers and Sons

Excavating, Road Building, Bulldozing Service

Phone 240-W -:- 402 W. Animas St.

FARMINGTON, NEW MEXICO

Mr. Ellis

B. The amount requested for laborers taked into consideration for social security, insurance and any overtime.

I sincerely hope that this answers your questions properly.

Yours truly,

Jody B. Rogers

Jody B. Rogers

11-7-52

Mr. Keuir, Rm. 1347 was sent copy of sketch per Mr. Knowles request.

700 FILE COPY
SURNAME:

Ellis

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

OCT 29 1952

Mr. Jody B. Rogers
Rogers & Sons
P. O. Box 76[illegible]
Aztec, New Mexico

Re: Docket No. DMEA-[illegible] (Uranium)
Demet Mezz Claim
Navajo Reservation, New Mexico

Dear Mr. Rogers:

We wish to call your attention to our letter of July 29, 1952, wherein we itemized the information that this office requires to process your application dated July 15, 1952, and docketed under the above number.

Inasmuch as we have received no reply, we assume that you no longer desire to proceed with the application. We wish to cooperate with you in the matter of allowing ample time, however, if the needed data has not been received by November 30, 1952, we will then consider the docket closed.

Sincerely yours,

Signed

E.H.
10-29-52

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

GLAult/EWEllis/gla
10-29-52
cc to: Adm. Reading File
Docket
Messrs. H.D.Keiser, Rm. 1347
A.P.Butler, Jr., Rm. 3206 GSA
Ellis
DMEA Field Team, Region IV (2)

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

JUL 29 1952

Mr. Jody B. Rogers
Rogers & Sons
P. O. Box 763
Aztec, New Mexico

Re: Docket No. DMEA-2623 (Uranium)
Denet Nezz Claim
Navajo Reservation, New Mexico

Dear Mr. Rogers:

In reviewing your application dated July 15, 1952, for an exploration project under the captioned docket, before we can judge the merits of your request, the following information is required:

1. Paragraph 3 (a) (Application) requires a legal description of the land upon which you wish to explore. While it is apparent that the Denet Nezz claim (or Denied Nez claim) adjoins the Enos Johnson and Enos Johnson, Jr. mining claim the location of the latter is not clear. Kindly give the exact location of these properties. If recorded the place, book and page numbers should be stated.

2. Paragraph 4 (a), (b) & (c). Please show on a sketch map of the claim just where the work has been done to date, what exposures you have and the assay results of any sampling. The rough sketch on the back of the claim map does not adequately answer the questions.

3. Paragraph 5 (b). Kindly explain the type of work you propose and show just where the work is to be done.

4. Paragraph 6 (b). Is the $150.00 per week for a supervisor for a full time man qualified to judge the geological formations? Does the amount requested for the two laborers take into consideration social security, insurance and possible overtime?

We are enclosing one copy of Form MF-103 and ask that it be properly signed and dated. Use the date of your letter i.e. July 15, 1952, as the proper date.

When we have received the above information we will then proceed with the further study of your application.

Sincerely yours,

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

Enclosure

FILE COPY
SURNAME:
700

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

Mr. Jody B. Rogers
Rogers & Sons
P. O. Box 763
Aztec, New Mexico

JUL 29 1952

Re: Docket No. DMEA-2623 (Uranium)
Denet Nez Claim
Navajo Reservation, New Mexico

Dear Mr. Rogers:

In reviewing your application dated July 15, 1952, for an exploration project under the captioned docket, before we can judge the merits of your request, the following information is required:

1. Paragraph 3 (a) (Application) requires a legal description of the land upon which you wish to explore. While it is apparent that the Denet Nez claim (or Denied Nez claim) adjoins the Knox Johnson and Knox Johnson, Jr. mining claim the location of the latter is not clear. Kindly give the exact location of these properties. If recorded the place, book and page numbers should be stated.

2. Paragraph 4 (a), (b) & (c). Please show on a sketch map of the claim just where the work has been done to date, what exposures you have and the assay results of any sampling. The rough sketch on the back of the claim map does not adequately answer the questions.

3. Paragraph 5 (b). Kindly explain the type of work you propose and show just where the work is to be done.

4. Paragraph 6 (b). Is the $150.00 per week for a supervisor for a full time man qualified to judge the geological formations? Does the amount requested for the two laborers take into consideration social security, insurance and possible overtime?

We are enclosing one copy of Form PF-103 and ask that it be properly signed and dated. Use the date of your letter i.e. July 15, 1952, as the proper date.

When we have received the above information we will then proceed with the further study of your application.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

Enclosure

EWEllis/jem
7/29/52
cc to: Adm. Reading
Docket
Messrs. HDKeiser-1347
APHutler-3206 G
Ellis
Field Team, Reg. IV
(2)

STANDARD FORM NO. 64

7/28/52 glg

Office Memorandum • UNITED STATES GOVERNMENT

TO : Ernest Wm. Ellis, DMEA Member, Uranium Commodity Committee

DATE: July 25, 1952

FROM : Arthur P. Butler, Jr. USGS Member, Uranium Commodity Committee

SUBJECT: DMEA Docket 2623, Applicant: Rogers and Sons, Aztec, N. M. Location of property not specified.

The application identified above is incomplete in that, 1) the location of the property is not identified, 2) type of exploration is not specified and, 3) the relation between proposed exploration, geology, and location of possible position of ore are not given. The application, therefore, is not in shape for commodity review at this time.

This application and Docket DMEA 2622 are so incomplete that commodity review of them is not pertinent under the circumstances. On dockets as incomplete as these two, is it necessary to send them to the commodity people before their completeness on non-commodity aspects are checked?

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

Attachment-
DMEA Docket 2623

Ernest Wm. Ellis, DMEA Member, Uranium
Commodity Committee
Arthur P. Butler, Jr. USGS Member, Uranium
Commodity Committee

July 25, 1952

DMEA Docket 2623, Applicant: Rogers and Sons, Aztec, N. M.
Location of property not specified.

The application identified above is incomplete in that, 1) the location of the property is not identified, 2) type of exploration is not specified and, 3) the relation between proposed exploration, geology, and location of possible position of ore are not given. The application, therefore, is not in shape for commodity review at this time.

This application andDocket DMEA 2622 are so incomplete that commodity review of them is not pertinent under the circumstances. On dockets as incomplete as these two, is it necessary to send them to the commodity people before their completeness on non-commodity aspects are checked?

181

Arthur P. Butler, Jr.

Attachment-
DMEA Docket 2623

Copy to-E. W. Ellis

7/25/52 gla

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 25 1952

July 24, 1952

Memorandum

To: Ernest William Ellis, DMEA Member, Uranium Commodity Committee, Room 4070

From: H. D. Keiser, Bureau of Mines Member, Uranium Commodity Committee

Subject: DMEA Docket No. 2623, Rogers & Sons, Box 763, Aztec, N. Mex.

The subject docket is returned herewith for completion of the application. As received by me, the docket did not include a copy of the Survey map referred to in the application under item 4(c).

The application would appear particularly incomplete as to items: 3(a), 4(b), 4(c), and 5(b).

H. D. Keiser

H. D. Keiser

Attachment

FILE COPY
Surname:

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

July 24, 1952

Keiser
Huffman

Memorandum

To: Ernest William Ellis, DMEA Member, Uranium Commodity Committee, Room 4070

From: H. D. Keiser, Bureau of Mines Member, Uranium Commodity Committee

Subject: DMEA Docket No. 2623, Rogers & Sons, Box 763, Aztec, N. Mex.

The subject docket is returned herewith for completion of the application. As received by me, the docket did not include a copy of the Survey map referred to in the application under item 4(c).

The application would appear particularly incomplete as to items: 3(a), 4(b), 4(c), and 5(b).

Signed

H. D. Keiser

Attachment

HDKeiser:db

Copy to: Rare & Precious Metals Branch
Minerals Division
H. D. Keiser
F i l e s

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

July 24, 1952

Memorandum

To: Ernest William Ellis, DMEA Member, Uranium Commodity Committee, Room 4070

From: H. D. Keiser, Bureau of Mines Member, Uranium Commodity Committee

Subject: DMEA Docket No. 2623, Rogers & Sons, Box 763, Aztec, N. Mex.

The subject docket is returned herewith for completion of the application. As received by me, the docket did not include a copy of the Survey map referred to in the application under item 4(c).

The application would appear particularly incomplete as to items: 3(a), 4(b), 4(c), and 5(b).

Signed

H. D. Keiser

Attachment

HDKeiser:db

Copy to: Rare & Precious Metals Branch
Minerals Division
H. D. Keiser
F i l e s

EXPLORATION

Subject: DMEA-2623
Re: Exploration Loan
Denet Nezz, Enos Johnson Claims, etc.
July 23, 1952

Mr. Jody B. Rogers
Rogers and Sons
Box 763
Aztec, New Mexico

My dear Mr. Rogers:

This will acknowledge receipt of your application dated July 15, 1952, for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2623 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2623 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operation's Control
and Statistics Division

7862

DMEA-2623

Rogers Mining Company

P.O. Box 763
AZTEC, NEW MEXICO

July 15, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 23 1952

The Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Sir:

We obtained a mining lease from the Navajo Tribal Counsel for Uranium ore about two months ago.

This property looks very good both to us and the A. E. C.

We have about six hundred and fifty acres, and it is in very rough country, but it is close to a state highway leading to a government buying station.

We have been exploring this property, financing all the operations ourselves. We feel that if we are to continue we are going to need your assistance.

This property has promise of being a large Uranium strike. We will carry out any contract that we enter into to the very best of our ability.

If there is any other information you need please do not hesitate to let us know at once.

Yours truly,

Jody B. Rogers

Rogers and Sons

MF-103
d April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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-1623
Metal or Mineral
Date Received 7-23-62
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: A Partnership Rogers and Sons - Box 763 Aztec, N.M.
Joe Rogers, Robert Rogers, and Jody B. Rogers

(*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 We wish to carry out exploration work on the claim of Denet Hesz It could be of benefit to the claim of Enos Johnson, Joe Ben, and Horace Ben which seem to be of the same type of formation.

(*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 Assignee

(*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 None

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

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 U

(*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 3 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?

☒ Money ☒ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated _____, 195__

_____
(Applicant)

By _____

_____

_____

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

Rogers Mining Company

P.O. Box 763

AZTEC, NEW MEXICO

4 (A) Description on Survey Map

(B) We have been exploring this property for approximately 60 days.
We have been using our own D-8 and D-7 Tractors, and air compressor for drilling and shooting; also other pieces of smaller equipment.
The A. E. C. seem to think it has good possibilities. They have agreed to furnish an Engineer for us at any time, for consultation.

(C) The Geological features of the property are on the back of the Survey Map.

(D) 1. The distnace of hauling the ore will be about 45 miles.
2. It is about 15 miles from a Main highway leading to the Mill.

(E) The availability of manpower, materials, supplies, equipmont, water and power are very good.

5 (A) Uranium

(B) We have been doing dozer work along the Lower Morrison, Drilling for depth of Uranium bearing sandstone to determine if the ore would be worth taking out.

(C) The work will begin at once.

(D) 1. We have had 25 years experience at Construction, Excavating, Road Building, and Equipment Operations.
2. As an advisor we have a young Geologist, Russel C. Cutter, who has had three years in the filed for the A. E. C.

6. Estimate of Costs

		Estimated Yearly Costs
(A)	We propose to contract our Tractors at $15.00 per hr. for the D-8 -----	$31,200.00
	$12.00 per hour for the D-7 ----	$24,960.00
	At this price we will furnish all fuel, keep equipment in operation, and keep Operators for the equipment.	
(B)	Labor--- Supervisor---Consultants	
	One Supervisor----------$150.00 per week----------	$78,00[illegible].00
	Two Laborers----------$1.50 per hour each----------	6240,00
(C)	Operating Materials and Supplies	
	Gasoline for Air Compressor----------	$ 3,880.00
	30 Cases of Dynamite at $38.00 per case----------	1,140.00
(D)	Operating Equipment	
	To be purchased-----105 Air Compressor, hose and hammers----------	3,000.00
(E)	Rehabilitation and Repairs------none	
(F)	New Buildings, Improvements, Installations	
	1 building for tools and sleeping facilities----------	3,000.00
(G)	Miscellaneous	
	1 Bookkeeper----------$300.00 Monthly----------	3,600.00
(h)	Contingencies none	
	TOTAL*---------	$84,820.00

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

Keiser

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-2623
Metal or Mineral
Date Received 7-23-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: [illegible]

(*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 [illegible]

(*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 [illegible]

(*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 [illegible]

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

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*) St[illegible]he mineral or minerals for which you wish [illegible]xplore Uranium U

(*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 3 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?

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated _____, 195__

_____
(Applicant)

By_____

_____

_____

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

Rogers Mining Company

P.O. Box 763

AZTEC, NEW MEXICO

4 (A) Description on Survey Map

(B) We have been exploring this property for approximately 60 days.
We have been using our own D-8 and D-7 Tractors, and air compressor for drilling and shooting; also other pieces of smaller equipment.
The A. E. C. seem to think it has good possibilities. They have agreed to furnish an Engineer for us at any time, for consultation.

(C) The Geological features of the property are on the back of the Survey Map.

(D)1. The distance of hauling the ore will be about 45 miles.
2. It is about 15 miles from a Main Highway leading to the Mill.

(E) The availability of manpower, materials, supplies, equipment, water and power are very good.

5 (A) Uranium

(B) We have been doing dozer work along the Lower Morrison, Drilling for depth of Uranium bearing sandstone to determine if the ore would be worth taking out.

(C) The work will begin at once.

(D)1. We have had 25 years experience at Construction, Excavating, Road Building, and Equipment Operations.
2. As an advisor we have a young Geologist, Russel C. Cutter, who has had three years in the filed for the A. E. C.

6. Estimate of Costs

	Estimated Yearly Costs
(A) We propose to contract our Tractors at $15.00 per hr. for the D-8 -----	$31,200.00
$12.00 per hour for the D-7 ----	$24,960.00
At this price we will furnish all fuel, keep equipment in operation, and keep Operators for the equipment.	
(B) Labor--- Supervisor---Consultants	
One Supervisor----------$150.00 per week----------	$78,00 .00
Two Laborers----------$1.50 per hour each----------	6240.00
(C) Operating Materials and Supplies	
Gasoline for Air Compressor----------	$ 3,000.00
30 Cases of Dynamite at $38.00 per case----------	1,140.00
(D) Operating Equipment	
To be purchased-----105 Air Compressor, hose and hammers----------	3,000.00
(E) Rehabilitation and Repairs------none	
(F) New Buildings, Improvements, Installations	
1 building for tools and sleeping facilities----------	3,000.00
(G) Miscellaneous	
1 Bookkeeper----------$300.00 Monthly----------	3,600.00
(h) Contingencies none	
TOTAL*---------	$84,820.00

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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-2623
Metal or Mineral
Date Received 7-23-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: A Partnership Rogers and Sons - Box 763 Aztec, N.M.
Joe Rogers, Robert Rogers, and Jody B. Rogers

(*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. We wish to carry out exploration work on the claim of Benet Rezz It could be of benefit to the claim of Enos Johnson, Joe Ben, and Horace Ben which seem to be of the same type of formation.

(*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 Assignee

(*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 None

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

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.

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(*c*) The work will start within 2 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.).

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(*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.

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(*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 [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated July 15, 1952

Rogers & Sons
(Applicant)

By Jody B. Rogers

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

Rogers Mining Company

P.O. Box 763
AZTEC, NEW MEXICO

4 (A) Description on Survey Map
(B) We have been exploring this property for approximately 60 days.
We have been using our own D-8 and D-7 Tractors, and air compressor for drilling and shooting; also other pieces of smaller equipment.
The A. E. C. seem to think it has good possibilities. They have agreed to furnish an Engineer for us at any time, for consultation.
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At this price we will furnish all fuel, keep equipment in operation, and keep Operators for the equipment.	
(B) Labor--- Supervisor---Consultants	
One Supervisor----------$150.00 per week------52 weeks	$78,000.00
Two Laborers----------$1.50 per hour each--Social Security etc ?	6240.00
(C) Operating Materials and Supplies	
Gasoline for Air Compressor----------	$ 3,880.00
30 Cases of Dynamite at $38.00 per case----------	1,140.00
(D) Operating Equipment	
To be purchased-----105 Air Compressor, hose and hammers----------	3,000.00
(E) Rehabilitation and Repairs------none	
(F) New Buildings, Improvements, Installations	
1 building for tools and sleeping facilities----------	3,000.00
(G) Miscellaneous	
1 Bookkeeper----------~~$300.00 Monthly~~----------	3,600.00
(h) Contingencies none	
TOTAL----------	$84,820.00

A - { 31,200 / 24,960
B - { 7,800 / 6,240
C - { 3,880 / 1,140
D - 3,000
F - 3,000
G - 3,600

ASSIGNMENT

THIS AGREEMENT, made and entered into this 16 day of June, 1952, by and between DENEH NEZZ, a single man, hereinafter called "Assignor," and JOE ROGERS, JODY R. ROGERS AND ROBERT C. ROGERS, hereinafter called "Assignees,"

WITNESSETH:

WHEREAS, Assignor is the owner of certain mining property, minerals and mineral rights acquired by him from the Navajo Tribal Council, as more particularly described and set out in "Exhibit A" attached hereto and incorporated herein by reference, and

WHEREAS, Assignees desire to obtain Assignor's right and privilege to enter into and upon said lands and property for the purpose of prospecting, exploring and testing the same for uranium and other minerals, excepting oil, gas and coal, and to develop, mine, extract, sell and dispose of the same, and

WHEREAS, Assignor is willing to assign unto Assignees and to their successors and assigns such rights and privileges upon the terms and conditions hereinafter set forth,

NOW, THEREFORE, in consideration of the sum of one ($1.00) Dollar and other valuable consideration paid by the Assignees to the Assignor, the receipt whereof is hereby acknowledged, and in further consideration of the covenants and agreements by the said Assignees to be kept and performed, said Assignor has transferred and assigned, and by these presents does transfer and assign unto the said Assignees all of his right, title and interest in and to the mining property, mining ground, minerals and mineral rights, excepting oil, gas and coal (hereinafter called "assigned property") situate in San Juan County, State of New Mexico, as the same is more particularly described and designated in "Exhibit A" attached hereto which is by reference incorporated herein and made a part hereof.

And in consideration of such assignment, and of said royalties, covenants and agreements to be paid, kept and performed by Assignees, it is hereby mutually covenanted and agreed by the parties hereto, and each of them, as follows, to-wit:

1. The Assignees covenant and agree with the Assignors that they shall commence mining and marketing of ore from the assigned property within six (6) months from the date of the approval of this instrument by the Navajo Tribal Council, and failure to do so shall render this assignment and the right, title and interest of Assignees therein and thereunder null and void.

2. The Assignees covenant and agree with the Assignors that they will work and mine the premises of the assigned property in a manner necessary to good and economical mining so as to take out the greatest amount of ore possible with due regard to the safety, development and preservation of said premises as a workable mine.

3. The Assignees covenant and agree with the Assignors that they will sufficiently timber said mine, or mines, at all points where proper, in accordance with good mining practice and will repair all old timbering wherever it may become necessary and will operate the mine in a workmanlike manner and in accordance with applicable laws and regulations, and if abandoned said mine shall be left timbered.

4. The Assignees covenant and agree with the Assignors that they will not cut or use any timber for mine operations without having complied with the regulation governing the cutting of timber on the Navajo Indain Reservation, and agree to pay for timber so used the price provided in said regulation.

5. The Assignees covenant and agree with the Assignors that this assignment shall be void if the Assignees intentionally violate directly or indirectly the 960 acres linitation on acreage as provided in Advisory Committee Resolution ACS-80-51.

6. There is hereby expressly reserved upto the Assignors, and the Assignees do hereby agree to pay over to and deliver to Assignors, their heirs, transferees, personal representatives, and assigns, two percent (2%) of the mine value per dry ton on ore having a mine value per dry ton of $30.00 or less; three percent (3%) of the mine value per dry ton on ore having a mine value per dry ton of more than $30.00 and not more than $60.00; four percent (4%) of the mine value per dry ton on ore having a mine value per dry ton of more than $60.00 and not more than $80.00; five percent (5%) of the mine value per dry ton on ore having a mine value per dry ton of more than $80.00; such overriding royalty interest shall be free of liability for rentals, mining, development or operating expenses. It is specifically agreed by the parties hereto that the assay price of any minerals and/or metals sold under the terms of this agreement shall include any premium or better grade bonus, discovery and production, or any other bonus, but shall not include any development allowance paid at the mill and/or smelter. Nevertheless, the Assignors shall be entitled to receive ten percent (10%) of any bonus paid as development bonus by the Atomic Energy Commission of the United States Government.

The Assignees further agree to pay over to and deliver to Assignors, their heirs, transferees, personal representatives, and assigns the following percentages on ore not measured by dry ton weights: two percent (2%) of the gross value of ore having a gross ton value of $30.00 or less; three percent (3%) of the gross value of ore having a gross ton value of more than $30.00 and not more than $60.00; four percent (4%) of the gross value of ore having a gross ton value of more than $60.00 and not more than $80.00; five percent (5%) of the gross value of ore having a gross ton value of more than $80.00.

7. It is hereby agreed by the parties that in the event of renewal of the mining permit assigned hereby or the conversion of the same to a mining lease the provisions contained herein as to the payment of the overriding royalty and bonuses shall apply to such new permit and/or lease, subject to any required approval by the Secretary of the Interior, the Advisory Committee of the Navajo Tribal Council, or any other office or person.

8. The Assignees covenant and agree with the Assignors that they will pay any and all royalties or bonuses due the Navajo Indian Tribe, which bonuses and royalties are more fully set out and defined in Resolution ACS-80-51 and Advisory Committee Resolution A. C. M. 5-52, copies of which resolutions are attached hereto and made a part hereof by reference.

9. Assignees shall, and hereby agree to indemnify, protect and save harmless said assignors from and against the following specific claims, demands and damages arising out of Assignees' negligence, contract agreements, or actionable faults in connection with Assignees' work and operations hereunder, to-wit:

(a) to property of third persons;

(b) to third persons by injury or death;

(c) lien and lien claims on account of labor performed upon or materials furnished to the assigned property at the instance of assignees.

Assignees agree to carry such insurance covering all persons working in or on said demised property as will fully comply with the provisions of law covering workmen's compensation and occupational disease as are now in force or as they may hereafter be changed or amended. Further, Assignees agree to comply with all of the terms and provisions of all applicable laws as now existing or may hereafter be amended, pertaining to social security, unemployment compensation, wages, hours and conditions of labor and to indemnify and hold Assignors harmless from payment or any damages occasioned by Assignees' failure to comply with said laws. Assignees further agree to comply with all

said laws. Assignees further agree to comply with all lawful Tribal or Federal Regulations not above specifically covered.

10. Assignees covenant and agree with the Assignor that in their mining operations they will hire Navajo workers whenever feasible and that they will pay the prevailing wages for such workers.

11. Assignees covenant and agree with the Assignor that they will comply strictly with the terms of the permit here assigned and will furnish any required bond or bonds, perform all required development work, and pay any and all rentals required under said permit.

Each and every clause and covenant in this agreement shall extend to and bind the heirs, executors, administrators, representatives and assigns of the parties hereto.

IN WITNESS WHEREOF, the said parties have hereunto set their hands and seals as of the date first above written.

Jody B. Rogers
Robert G. Rogers
Joe Rogers
ASSIGNEES

Denes Nez
ASSIGNOR

Witnesses:

STATE OF NEW MEXICO)
) SS
COUNTY OF SAN JUAN)

On this 17 day of June, 1952, before me personally appeared DENEH NEZZ and JOE ROGERS, JODY B. ROGERS and ROBERT G. ROGERS to me known to be the persons described in and who executed the foregoing instrumbent and acknowledged that they executed the same as their free act and deed.

Witness my hand and seal the day and year in this certificate first above written.

Notary Public

My commission expires: Oct 25 1954.

Approved: JUL 8 1952
Area Director

ASSIGNMENT

THIS ASSIGNMENT, made and entered into this 16 day of June, 1952, by and between JOE BEW and STELLA MAE BEW, husband and wife, hereinafter called "Assignors", and JOE ROGERS, JUDY B. ROGERS and ROBERT G. ROGERS, hereinafter called "Assignees",

WITNESSETH:

WHEREAS, Assignors are the owners of certain mining property, minerals and mineral rights acquired by them from the Navajo Tribal Council, as more particularly described and set out in "Exhibit A" attached hereto and incorporated herein by reference, and

WHEREAS, Assignees desire to obtain Assignors' right and privilege to enter into and upon said lands and property for the purpose of prospecting, exploring and testing the same for uranium and other minerals, excepting oil, gas and coal, and to develop, mine, extract, sell and dispose of the same, and

WHEREAS, Assignors are willing to assign unto Assignees and to their successors and assigns such rights and privileges upon the terms and conditions hereinafter set forth,

NOW, THEREFORE, in consideration of the sum of One ($1.00) Dollar and other valuable consideration paid by the Assignees to the Assignors, the receipt whereof is hereby acknowledged, and in further consideration of the covenants and agreements by the said assignees to be kept and performed, said Assignors have transferred and assigned, and by these presents do transfer and assign unto the said Assignees all of their right, title and interest in and to the mining property, mining ground, minerals and mineral rights, excepting oil, gas and coal (hereinafter called "assigned property") situate in San Juan County, State of New Mexico, as the same is more particularly described and designated in "Exhibit A" attached hereto which is by reference incorporated herein and made a part hereof.

And in consideration of such assignment, and of said royalties, covenants and agreements to be paid, kept and performed by Assignees, it is hereby mutually covenanted and agreed by the parties hereto, and each of them, as follows, to-wit:

1. The Assignees covenant and agree with the Assignor that they shall commence mining and marketing of ore from the assigned property within six (6) months from the date of the approval of this instrument by the Navajo Tribal Council, and failure to do so shall render this assignment and the right, title and interest of Assignees therein and thereunder null and void.

2. The Assignees covenant and agree with the Assignor that they will work and mine the premises of the assigned property in a manner necessary to good and economical mining so as to take out the greatest amount of ore possible with due regard to the safety, development and preservation of said premises as a workable mine.

3. The Assignees covenant and agree with the Assignor that they will sufficiently timber said mine, or mines, at all points where proper, in accordance with good mining practice and will repair all old timbering wherever it may become necessary and will operate the mine in a workmanlike manner and in accordance with applicable laws and regulations, and if abandoned said mine shall be left timbered.

4. The Assignees covenant and agree with the Assignor that they will not cut or use any timber for mine operations without having complied with the regulation governing the cutting of timber on the Navajo Indain Reservation, and agree to pay for timber so used the price provided in said regulation.

5. The Assignees covenant and agree with the Assignor that this assignment shall be void if the assignees intentionally violate directly or indirectly the 960 acres limitation on acreage as provided in Advisory Committee Resolution ACS - 80 - 51.

6. There is hereby expressly reserved unto the Assignor, and the Assignees do hereby agree to pay over to and deliver to Assignor, his heirs, transferees, personal representatives, and assigns, two percent (2%) of the mine value per dry ton on ore having a mine value per dry ton of $30.00 or less; three percent (3%) of the mine value per dry ton on ore having a mine value per dry ton of more than $30.00 and not more than $60.00; four percent (4%) of the mine value per dry ton on ore having a mine value per dry ton of more than $60.00 and not more than $80.00; five percent (5%) of the mine value per dry ton on ore having a mine value per dry ton of more than $80.00; such overriding royalty interest shall be free of liability for rentals, mining, development or operating expenses. It is specifically agreed by the parties hereto that the assay price of any minerals and/or metals sold under the terms of this agreement shall include any premium or better grade bonus, discovery and production, or any other bonus, but shall not include any development allowance paid at the mill and/or smelter. Nevertheless, the Assignor shall be entitled to receive ten percent (10%) of any bonus paid as development bonus by the Atomic Energy Commission of the United States Government.

The Assignees further agree to pay over to and deliver to Assignor, his heirs, transferees, personal representatives, and assigns the following percentages on ore not measured by dry ton weights: two percent (2%) of the gross value of ore having a gross ton value of $30.00 or less; three percent (3%) of the gross value of ore having a gross ton value of more than $30.00 and not more than $60.00; four percent (4%) of the gross value of ore having a gross ton value of more than $60.00 and not more than $80.00; five percent (5%) of the goss value of ore having a gross ton value of more than $80.00.

7. It is hereby agreed by the parties that in the event of renewal of the mining permit assigned hereby or the conversion of the same to a mining lease the provisions contained herein as to the payment of the overriding royalty and bonuses shall apply to such new permit and/or lease, subject to any required approval by the Secretary of the Interior, the Advisory Committee of the Navajo Tribal Council, or any other office or person.

8. The Assignees covenant and agree with the Assignor that they will pay any and all royalties or bonuses due the Navajo Indian Tribe, which bonuses and royalties are more fully set out and defined in Resolution ACS-80-51 and Advisory Committee Resolution A. C. M. 5-52, copies of which resolutions are attached hereto and made a part hereof by reference.

9. Assignees shall, and hereby agree to, indemnify, protect and save harmless said Assignor from and against the following specific claims, demands and damages arising out of Assignees' negligence, contract agreements, or actionable faults in connection with Assignees' work and operations hereunder, to-wit:

(a) to property of third persons;

(b) to third persons by injury or death;

(c) lien and lien claims on account of labor performed upon or materials furnished to the assigned property at the instance of assignees.

Assignees agree to carry such insurance covering all persons working in or on said demised property as will fully comply with the provisions of law covering workmen's compensation and occupational disease as are now in force or as they may hereafter be changed or amended. Further, Assignees agree to comply with all of the terms and provisions of all applicable laws as now existing or may hereafter be amended, pertaining to social security, unemployment compensation, wages, hours and conditions of labor and to indemnify and hold Assignor harmless from payment of any damages occasioned by Assignees' failure to comply with

lawful Tribal or Federal regulations not above specifically covered.

10. Assignees covenant and agree with the assignors that in their mining operations they will hire Navajo workers whenever feasible and that they will pay the prevailing wages to such workers.

11. Assignees covenant and agree with the assignors that they will comply strictly with the terms of the permit here assigned and will furnish any required bond or bonds, perform all required development work, and pay any and all rentals required under said permit.

Each and every clause and covenant in this agreement shall extend to and bind the heirs, executors, administrators, representatives and assigns of the parties hereto.

IN WITNESS WHEREOF, the said parties have hereunto set their hands and seals as of the date first above written.

Assignors

Assignees

STATE OF NEW MEXICO }
COUNTY OF SAN JUAN } ss

On this 12 Day of June, 1952, before me personally appeared JOE BEN and STELLA MAE BEN, husband and wife, and JOE ROGERS, JODY S. ROGERS and ROBERT C. ROGERS to me known to be the persons described in and who executed the foregoing instrument and acknowledged that they executed the same as their free act and deed.

Witness my hand and seal the day and year in this certificate first above written.

Notary Public

My commission expires: Oct 25-1954

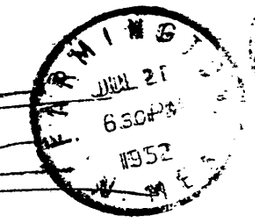
Approved: JUL 8 1952

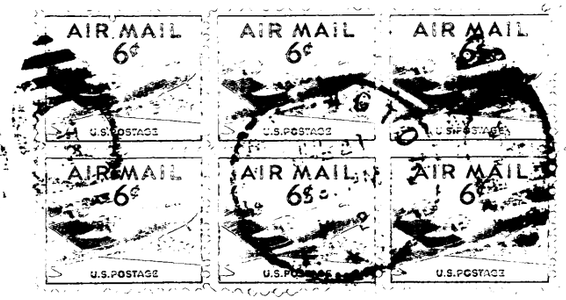
Area Director

mgt
pltt
cm T.J.

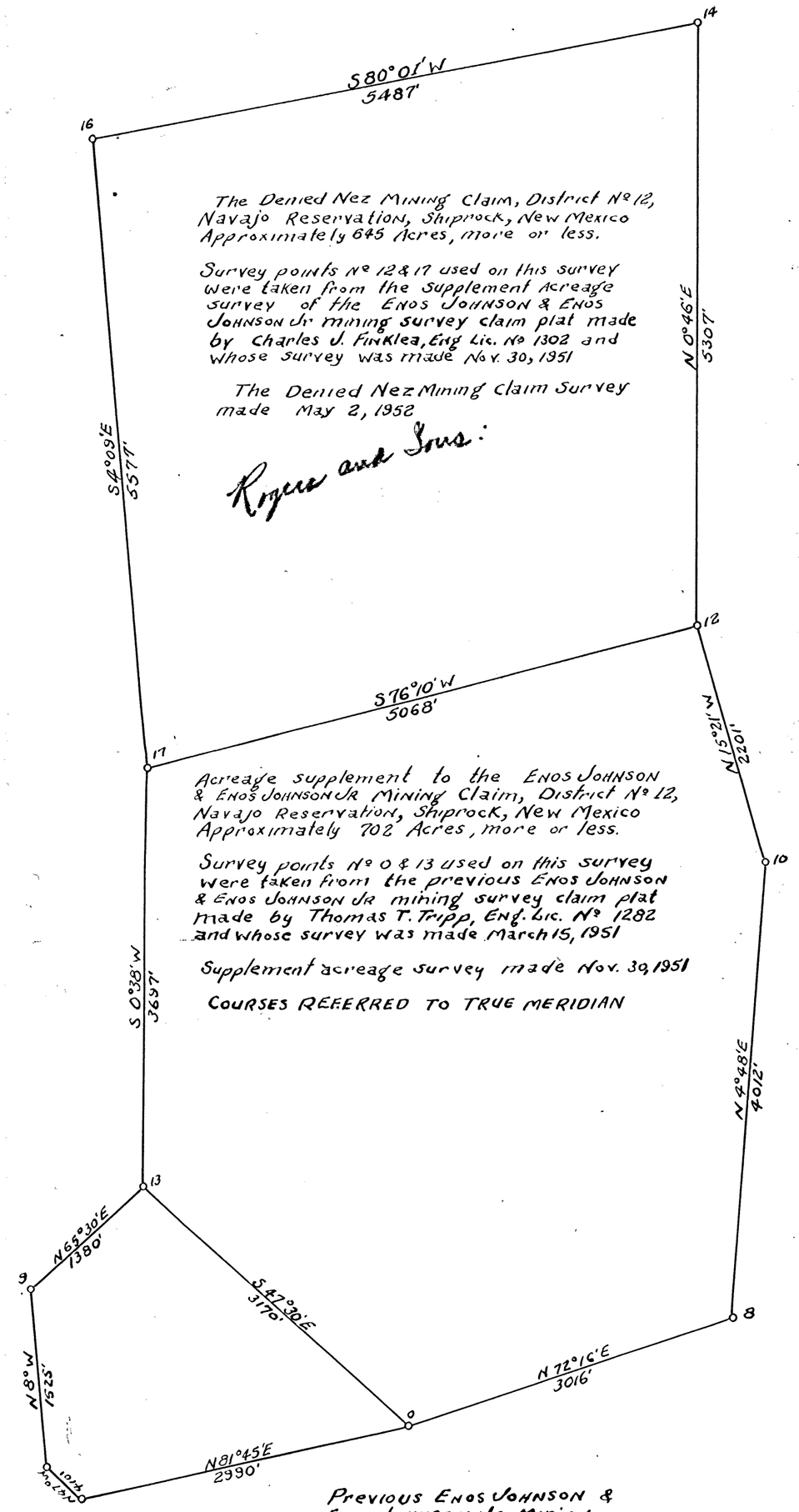
Rogers and Sons
Box 263 Aztec,
New Mexico

AIR MAIL





Defense Minerals Exploration Administration
Department of the Interior
Washington 25,
D. C.



The Denied Nez Mining Claim, District No 12, Navajo Reservation, Shiprock, New Mexico Approximately 645 Acres, more or less.

Survey points No 12 & 17 used on this survey were taken from the supplement Acreage survey of the ENOS JOHNSON & ENOS JOHNSON Jr mining survey claim plat made by Charles J. Finklea, Eng Lic. No 1302 and whose survey was made Nov. 30, 1951

The Denied Nez Mining Claim Survey made May 2, 1952

Royce and Sons:

Acreage supplement to the ENOS JOHNSON & ENOS JOHNSON JR Mining Claim, District No 12, Navajo Reservation, Shiprock, New Mexico Approximately 702 Acres, more or less.

Survey points No 0 & 13 used on this survey were taken from the previous ENOS JOHNSON & ENOS JOHNSON JR mining survey claim plat made by Thomas T. Tripp, Eng. Lic. No 1282 and whose survey was made March 15, 1951

Supplement acreage survey made Nov. 30, 1951

COURSES REFERRED TO TRUE MERIDIAN

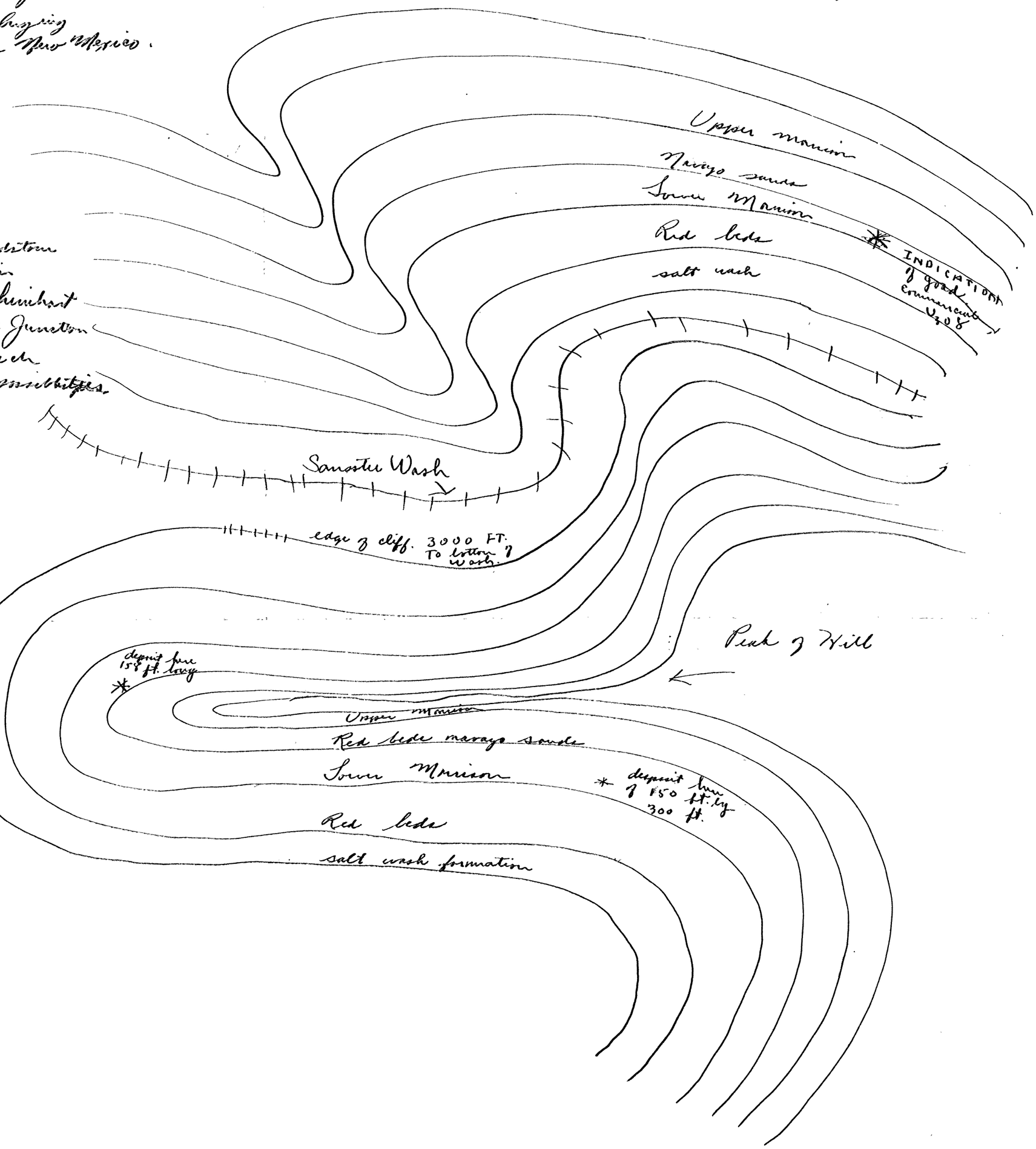
Previous ENOS JOHNSON & ENOS JOHNSON JR Mining claim containing approximately 117 Acres. Survey made by Thomas T Tripp, Eng. Lic No 1282

SCALE 1" = 1000'

Charles J. Finklea
Registered Professional Engr. & Land Surveyor
N MEX. REG. NO. 1302

I This claim is located in rugged County with deep canyons and high cliffs but is very Forty five miles from the A.E.C. Uranium ore buying station at Ship Rock New Mexico.

Sanastee Wash
Navajo Reservation
Forty Five miles
S. W. of Ship Rock N.M.

II Geological Features:

The ore is found in the Lower Morrison sandstone which seems to be in big deposits. Mr. Rhinehart of the A.E.C. at Grand Junction Colorado is very much impressed with it's possibilities.