700

FILE COPY

Surname:

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

Messrs. Albert J. DeSure and
Richard Hodge, General Partners
Nuevo Mundo Mining Company
c/o Levenson, Levenson & Block
835 Bank of America Building
San Diego 1, California

JUL 8 - 1956

Re: Docket No. DMEA-4135 (Uranium)
Eureka Claims, et al.
Garfield County, Utah

Gentlemen:

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

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

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

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

Pursuant to your request in the application, three copies of Exhibit "D" (Sample Report, dated September 15, 1955, from the Atomic Energy Commission, directed to Mr. R. R. Hodge of your company) are returned herewith.

Sincerely yours,

G. O. Mittendorf

Administrator

FLKnouse/zi/i&m (7-3-56) 7-9-56
cc to: Docket
Code 700
Mr. Knouse
Admr.'s Reading File
Operating Committee
DMEA Field Team, Reg. III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

700

Surname copy

FLKnouse
Ellis
Kilsgaard
Guhon

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

Messrs. Albert J. DeSure and
Richard Hodge, General Partners
Nuevo Mundo Mining Company
c/o Levenson, Levenson & Block
835 Bank of America Building
San Diego 1, California

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Sincerely yours,

Enclosures

Administrator

FLKnouse/ai 7-3-56
cc to: Admr. Reading File
Docket
Op. Comm.
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

Code 700
Mr. Knouse

700

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

Surname copy
F. L. Knouse
Ellis

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

Re: Docket No. DMEA-4135 (Uranium)
Nuevo Mundo Mining Company
Eureka Claims, et al.
Garfield County, Utah

Dear Mr. Traver:

As requested in the subject application, please return to the Applicant any copies of Exhibit "D" attached to the application that are in your possession.

Sincerely yours,

Chairman, Operating Committee

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

FLKnouse:ai 6-29-56
cc to: Admr. Reading File
Operating Comm.
Docket
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Knouse

Mr Sulfridge

was it decided to
eliminate the
Field letter?

DH

700
Docket Copy

June 29, 1956

Summary of Proposed Project

Object: Denial of application for an exploration project.

Docket No.: DMEA-4135

Commodity: Uranium

Applicant: Nuevo Mundo Mining Company (a Limited Partnership)
c/o Levenson, Levenson & Block
835 Bank of America Building
San Diego 1, California

Property: Consists of 12 unpatented lode mining claims, 11 of which are contiguous and one is located about 500 feet south of the contiguous group. The eleven contiguous claims are held by right of location and the isolated claim (Claire Alayne) is held by right of a lease. The claims are Doug's; Beverly Nos. 1, 2 and 3; Eureka Nos. 1 through 7; and Claire Alayne. All claims are located in secs. 23 and 26, T. 34 S., R. 13 E., SLM&B, Garfield County, Utah.

Date of application: January 16, 1956

Work Proposed: To explore the Claire Alayne claim by means of drilling 15 diamond core holes from the surface at random locations to an average depth of 150 feet. Thereafter, if favorable results are obtained, additional drilling is contemplated on the other claims. A total of 6,750 feet of core drilling is estimated. The core from three drill holes, drilled by the Applicant on the Claire Alayne claim, show abundant pyrite and some carbonaceous material but no radioactivity. There has been no production from the property. However, analysis of two samples, submitted with the application showed 0.34% eU_3O_8 — 0.31% eU_3O_8; and 0.12% eU_3O_8- 0.05% eU_3O_8 over a reported 3-foot exposure.

No total project cost for the proposed work was submitted by the Applicant. However, field examiners made the following estimate:

Cost of Proposed Work:

6,750 feet core drilling @ $3.50/ft.	$23,625.00
Access road and preparation of drill site: bulldozing	360.00

Miscellaneous costs	3,000.00
Total Estimated Cost of Project	$26,985.00
Government participation @ 75%	$20,437.75

Field Team Report: (Joint report by W. E. Young, USBM, and H. F. Albee, USGS, dated April 30 and June, 1956, respectively.)

The mineralized bed on the claims is in the Monitor Butte member of the Chinle and consists of a lens of lime pebble conglomerate and coarse-grained sandstone from 60 to 80 feet above the top of the Moenkopi formation.

The conglomerate is about one foot thick, overlain by four feet of coarse-grained calcareous sandstone. Within 20 feet in either direction of the outcrop the ledge has thinned to about one foot and the conglomerate is absent. Carbonaceous material is present in small amounts and silicified fossil wood is abundant but not radioactive. Through a thickness of several inches above the lime pebble conglomerate a scintillator showed a count from 3 to 4 times above background, but no recognizable uranium or vanadium minerals were seen.

The Shinarump formation is absent on the claims and is thin to absent in the surrounding area. The AEC has drilled the Shinarump ~~member of the Chinle~~ a short distance south from the property and has concluded that the mineralized material is too thin and too low grade to warrant further exploration. Uranium has not been produced in the area from horizons other than the Shinarump and then only where it is thicker than in area around the property.

The examining team concludes that the chances of finding significant quantities of uranium ore on the property are very poor and recommends that the application for exploration assistance be denied.

The Field Team concurs with the examiners' recommendations.

Comments of Commodity Specialists:

U. S. Geological Survey, N. E. Nelson, June 27, 1956:

Concurs with the recommendation of the Field Team.

U. S. Bureau of Mines, J. E. Crawford, June 27, 1956:

Concurs with the recommendation of the Field Team.

Rare and Miscellaneous Metals Division, F. L. Knouse, June 29, 1956:

Only one small mineralized lens has been exposed on the property which shows radioactivity of 3 to 4 times background count. This exposure is in the Chinle 60 to 80 feet above the Moenkopi. The only uranium production from the surrounding area has been from the Shinarump, which is absent on the property and thin in the surrounding area. Exploration drilling of the Shinarump by the AEC on nearby property produced negative results. In addition, the core from three drill holes on the property showed abundant pyrite mineralization and carbonaceous material, but no radioactivity. All our information indicates the likelihood of discovering a significant deposit of uranium mineralization on the property to be negative. Therefore, I concur with the recommendations of the field examiners, the Field Team, and commodity specialists that the application for Government exploration aid should be denied.

Conclusions:

A review of all available information indicates that the probability of making a significant discovery of uranium mineralization on the subject property is not sufficiently promising to justify Government participation in the proposed project. Therefore, I recommend that the application should be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

6/28/56

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

RECEIVED
JUN 28 1956

June 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Report of Examination, DMEA Docket 4135, Nuevo Mundo Mining Company (Eureka, Beverly, Dougs and Claire Alayne claims), Garfield County, Utah

I have reviewed the report of examination, DMEA Docket 4135, Nuevo Mundo Mining Company (Eureka, Beverly, Dougs and Claire Alayne claims), Garfield County, Utah, dated April 30 and received in this office June 21, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The field examiners recommend that the application be denied because no evidence of a channel on the property could be found and they believe that the proposed work will not disclose economic ore deposits.

We concur in the recommendation that the application for exploration assistance be denied. The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

John E Crawford
John E. Crawford

RECEIVED
JUN 28 1956

June 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

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John E. Crawford

6/28/56

IN REPLY REFER TO:

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

RECEIVED
JUN 28 1956

June 27, 1956

Re: DMEA 4135
Nuevo Mundo Mining Company
Claire Alayne claims
Garfield Co., Utah
$26,985 (est.) - Uranium

Memorandum

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

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

Subject: Review of Field Team report

The applicant requested assistance in an indefinite drilling program in the Chinle formation in search of orebodies.

Three holes have been drilled exploring a mineralized 1-foot bed in the Monitor Butte member 60 to 80 feet above the Chinle-Moenkopi formation contact. No ore was found and the examiners consider the rim showing too small to warrant drilling.

The Shinarump conglomerate, the favored host rock in the Chinle-Shinarump-Moenkopi sequence is missing in the immediate area so no general target is offered for exploration, much less a channel or equivalent favorable structural feature.

The examiners and the Field Team recommend that the application be denied.

I concur with that recommendation.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

RECEIVED
JUN 28 1956

June 27, 1956

Re: [illegible] 4135
Nuevo Mundo Mining Company
Claire Layne Claire
Garfield Co., Utah
26,985 (ext.) - Uranium

Memorandum

To: [illegible] Lis, Defense Minerals Exploration Administration

From: [illegible] Nelson, U. S. Geological Survey

Subject: Review of field team report

The applicant requested assistance in an indefinite drilling program in the Chinle formation in search of orebodies.

Three holes have been drilled exploring a mineralized 1-foot bed in the Monitor Butte member 6 to 30 feet above the Chinle-Moenkopi formation contact. No ore was found and the examiners consider the rim showing too small to warrant drilling.

The Shinarump conglomerate, the favored host rock in the Chinle-Shinarump-Moenkopi sequence is missing in the immediate area so no general target is offered for exploration, much less a channel or equivalent favorable structural feature.

The examiners and the field team recommend that the application be denied.

I concur with that recommendation.

N. E. Nelson

N. E. Nelson

N Nelson:btr
C 6/27/56

cc: J. R. Crawford, 3641
J. O. Hosted, 3210
Director's reading file (4212)
Branch reading file (4212)
DMEA(3)
Chron. file
Docket file

IN REPLY REFER TO:

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

RECEIVED
JUN 28 1956

June 27, 1956

Re: [illegible] 4135
Nuevo Mundo Mining Company
Claire Jayne claims
Garfield Co., Utah
$20,985 (est.) - Uranium

Memorandum

To: [illegible], Defense Minerals Exploration Administration

From: [illegible], U. S. Geological Survey

Subject: Review of field team report

The applicant requested assistance in an indefinite drilling program in the Shinarump formation in search of orebodies.

Three holes have been drilled exploring a mineralized 1-foot bed in the Monitor Butte member 6 to 8 feet above the Shinarump-Moenkopi formation contact. No ore was found and the examiners consider the ring showing too small to warrant drilling.

The Shinarump conglomerate, the favored host rock in the Shinarump-Moenkopi sequence is missing in the immediate area so no general target is offered for exploration, much less a channel or a similar favorable structural feature.

The examiners and the field team recommend that the application be denied.

I concur with that recommendation.

W. E. Nelson

W. E. Nelson

W. Nelson:hbr
6/27/56

cc: W. E. Crawford, 3641
W. E. Hosted, 3410
Director's reading file (4212)
Branch reading file (4212)
[illegible] (3)
Chron. file
Pocket file

IN REPLY REFER TO:

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

RECEIVED
JUN 28 1956

June 27, 1956

Re: [illegible] - 4215
Nuevo [illegible] Mining Company
[illegible] Lyon claims
[illegible] Co., Utah
[illegible] (est.) - Uranium

Memorandum

To: [illegible] - File, Atomic Minerals Exploration Administration

From: [illegible] - [illegible], [illegible] - Geological Survey

Subject: [illegible] of [illegible] report

The applicant requested assistance in an indefinite drilling program in the Chinle formation in search of conglomerates.

Three holes have been drilled exploring a mineralized 1-foot bed in the Monitor Butte member 40 to 50 feet above the Chinle-Moenkopi formation contact. [illegible] and the available evidence indicate the site showing has small to marginal drilling.

The Shinarump conglomerate, the favored host rock in the Chinle-Shinarump-Moenkopi sequence is missing in the immediate area and no useful target is offered for exploration, such lens & channels or a live set favorable structural feature.

The examiners and the field [illegible] are recommend that the application be denied.

I concur with that recommendation.

R. E. Nelson

[illegible]
[illegible]

[illegible] - [illegible]

cc: [illegible] - Crawford, 3611
[illegible] - Hoated, 3210
Director's reading file (4212)
Branch reading file (4212)
[illegible] (3)
Chron. file
Docket file

6/22/56
G.L.

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

RECEIVED
JUN 20 1956

June 18, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

From: Field Team, Region III

Subject: Report of Examination, Docket DMEA 4135 (Uranium) Nuevo Mundo Mining Company (Eureka, Beverly, Dougs and Claire Alayne claims), Garfield County, Utah

Enclosed are the original and three copies of an engineering and geologic report on the subject property.

The examiners found no evidence of a channel on the property, and they believe the chances of discovering ore deposits of any significant size are not good. They recommend that the application be denied. We concur in this recommendation.

Your letter of February 6, 1956 on the subject docket requested that we return Exhibit "D" so that you could forward all copies of that exhibit to the Applicant. Enclosed is the only copy of Exhibit "D" which we have in this office.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

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

RECEIVED
JUN 20 1956

DMEA
Date Rec'd
MAY 10 1956

TRANSMITTED
JUN 18 1956

BUREAU OF MINES
Denver, Colorado

May 8, 1956

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-4135 (Uranium), Nuevo Mundo Mining Co. (Eureka, Beverly, Dougs and Claire Alayne claims), Garfield County, Utah

Attached are the original and 10 copies of an engineering report pertaining to examination of the subject claims to appraise a request for Government aid. The report was prepared by W. E. Young. Also attached is a copy of the brochure.

The applicant has proposed an exploratory program on the Claire Alayne claim consisting principally of drilling 15 diamond drill holes. The applicant has not presented an estimate of cost for completing the proposed work. An estimate made by the examining engineer totals $25,935 for 5,750 feet of drilling and the necessary bulldozer work.

Rocks exposed in the area consist principally of the Triassic Moenkopi and Chinle shales and Jurassic Wingate sandstone. There are isolated patches of thin beds of conglomerate which may be remnants of the Shinarump formation. However, many rim exposures show the Chinle shales resting directly on the Moenkopi formation. Only the basal part of the Shinarump conglomerate is known to contain workable uranium ores in the general area. Small, isolated uranium ore occurrences have been noted in the Chinle and Moenkopi formations, but these occurrences are not considered to be commercially significant.

The examining engineer recommends that the applicant's request for DMEA funds be denied. No channeling was noted during the examination and it appears that the Shinarump formation may be absent in the area of the applicant's claims. Exploration proposed by the applicant, in the opinion of the examining engineer, will not disclose economic ore deposits. I concur in the recommendation that the loan request be denied.

The property was discussed with members of the AEC at Grand Junction, Colorado.

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

Stephen R. Wilson
Stephen R. Wilson

Enclosures
cc: J. F. Shaw
J. B. Clemmer

RECEIVED
JUN 20 1956

NUEVO MUNDO MINING CO.
EUREKA, BEVERLY, DOUGS AND CLAIRE ALAYNE CLAIMS
GARFIELD COUNTY, UTAH
DMEA-4135
Uranium

TRANSMITTED
JUN 18 1956

Engineering Report

By W. E. Young
Mining Engineer
Bureau of Mines

April 30, 1956

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

NUEVO MUNDO MINING CO.
EUREKA, BEVERLY, DOUGS AND CLAIRE ALAYNE CLAIMS
GARFIELD COUNTY, UTAH

CONTENTS

	Page
Engineering report	
Summary	2
Introduction	2
Location, topography and physical features	3
Ownership, history and production	3
Description of the deposits	5
Proposed exploration	5
Conclusions and recommendations	6

ILLUSTRATIONS

Fig. 1 Location map, Nuevo Mundo Mining Co., Garfield County, Utah
Fig. 2 Claim map, showing general geology
Fig. 3 Plan map, showing locations of proposed drill holes on Claire Alayne claim

RECEIVED
JUN 20 1956

SUMMARY

Property of Nuevo Mundo Mining Co. is located near the mouth of Trachyte Creek at its junction with the Colorado River. The claims cover an outcropping area of the Triassic Chinle shale. Occurrences of uranium mineralization in the middle Chinle were noted on rim exposures. The applicant is engaged in core drilling this formation behind the rim to indicate a trend and to intersect a projection of the mineralization. A request for a DMEA loan to assist in this work has been made.

An investigation of the occurrences indicates that they are spotty and erratic in nature. It is recommended that the application for Government assistance be denied.

INTRODUCTION

Property of Nuevo Mundo Mining Co., docket No. DMEA-4135, was examined April 10, 1956, by a geologist of the Geological Survey and an engineer of the Bureau of Mines. The examination was made at the request of the Regional Field Team to determine the advisability of granting a Government-assistance loan. R. R. Hodge, general field manager, and R. S. Crawford, project supervisor, accompanied the examining personnel over the property.

The applicant proposes drilling 15 holes on the Claire Alayne claim. No estimate of costs has been made for the work. The necessary

equipment to do the work has been obtained by the company. Labor and supervisory duties will be accomplished by members of the partnership.

LOCATION, TOPOGRAPHY AND PHYSICAL FEATURES

The claims which the applicant proposes to explore are located in Secs. 23 and 26, T. 34 S., R. 13 E., S.L.B. and M. This area is bounded on the east and south by the Colorado River, and on the west by Trachyte Creek (fig. 1). Access by road is by Utah Highway 95 from Hanksville, Utah, a distance of 56 miles. A uranium reduction plant is located at Monticello, Utah, which is 105 miles from the property. An AEC buying station for uranium ores is located at White Canyon, Utah, 15 miles from the property.

OWNERSHIP, HISTORY AND PRODUCTION

Nuevo Mundo Mining Co. holds one claim under lease and controls 11 other claims by right of location. All claims are contiguous except the Claire Alayne, which is approximately 500 feet south of the group. Owners of the Claire Alayne claim retain an 8 percent royalty interest on net profits of production from this claim. The company is a limited partnership. Albert J. De Sure, 5697 Montezuma Road, San Diego, California, and Richard Hodge, 5710 Hardy Way, San Diego, California, are listed as general partners. Limited partners are:

Douglas De Sure	5737 Montezuma Road, San Diego, Calif.
Robert S. Crawford	Agua Caliente via Borrego Springs, Calif.
Hans Lieblich	36 W. 66th Street, New York, N. Y.
Murray Lieblich	36 W. 66th Street, New York, N. Y.
Carl Lieblich	36 W. 66th Street, New York, N. Y.
Leo Krasne	4876 Adams Street, San Diego, Calif.
I. Penter	2421 Brant Street, San Diego, Calif.
Yale Kahn	4552 E. Talmadge Drive, San Diego, Calif.
Irvin J. Kahn	Bank of America Bldg., San Diego, Calif.
H. Weintraub	c/o Greater Broadway Furniture Co., Los Angeles, Calif.
Stuart Penter	1025 Diamond, Pacific Beach, San Diego, Calif.
Eli H. Levenson	835 Bank of America Bldg., San Diego, Calif.
David A. Block	835 Bank of America Bldg., San Diego, Calif.

A list of the unpatented mining claims involved is as follows:

Claim	Book No.	Page No.
Dougs	91	509
Beverly No. 1	91	511
Beverly No. 2	91	513
Beverly No. 3	91	515
Eureka No. 1	91	517
Eureka No. 2	91	519
Eureka No. 3	91	521
Eureka No. 4	91	523
Eureka No. 5	91	525

Claim	Book No.	Page No.
Eureka No. 6	91	526
Eureka No. 7	91	529
Claire Alayne	91	507

All claims are recorded in the office of the County Recorder, Panguitch, Garfield County, Utah.

Three diamond drill holes have been drilled on the Claire Alayne claim. There has been no production from the property.

DESCRIPTION OF THE DEPOSITS

Rocks exposed in the area of the claims are Triassic Moenkopi and Chinle shales and Jurassic Wingate sandstone. Isolated patches of thin beds of conglomerate outcrop. These beds may be remnants of the Shinarump formation, but most rim exposures show Chinle shales resting directly on Moenkopi. In this area only the basal part of the Shinarump formation is known to contain significant concentrations of uranium, although small, isolated occurrences have been noted in the overlying Chinle and in the underlying Moenkopi.

The Chinle formation is divided into three units in the area: upper, middle and lower. The mineralization mentioned in the application occurs in the middle unit, which is not known to be productive. Spotty, erratic occurrences are not unusual, but are too small to be of economic importance.

PROPOSED EXPLORATION

The applicant has constructed an access road from the valley to the rim and is presently engaged in diamond drilling on the Claire

Alayne claim. Three holes have been completed. No mineralization has been encountered. A total of 15 additional holes are proposed on this claim. If favorable results are obtained, additional drilling is contemplated on other claims. Additional road building and drill-site preparation will be needed to complete the proposed drilling.

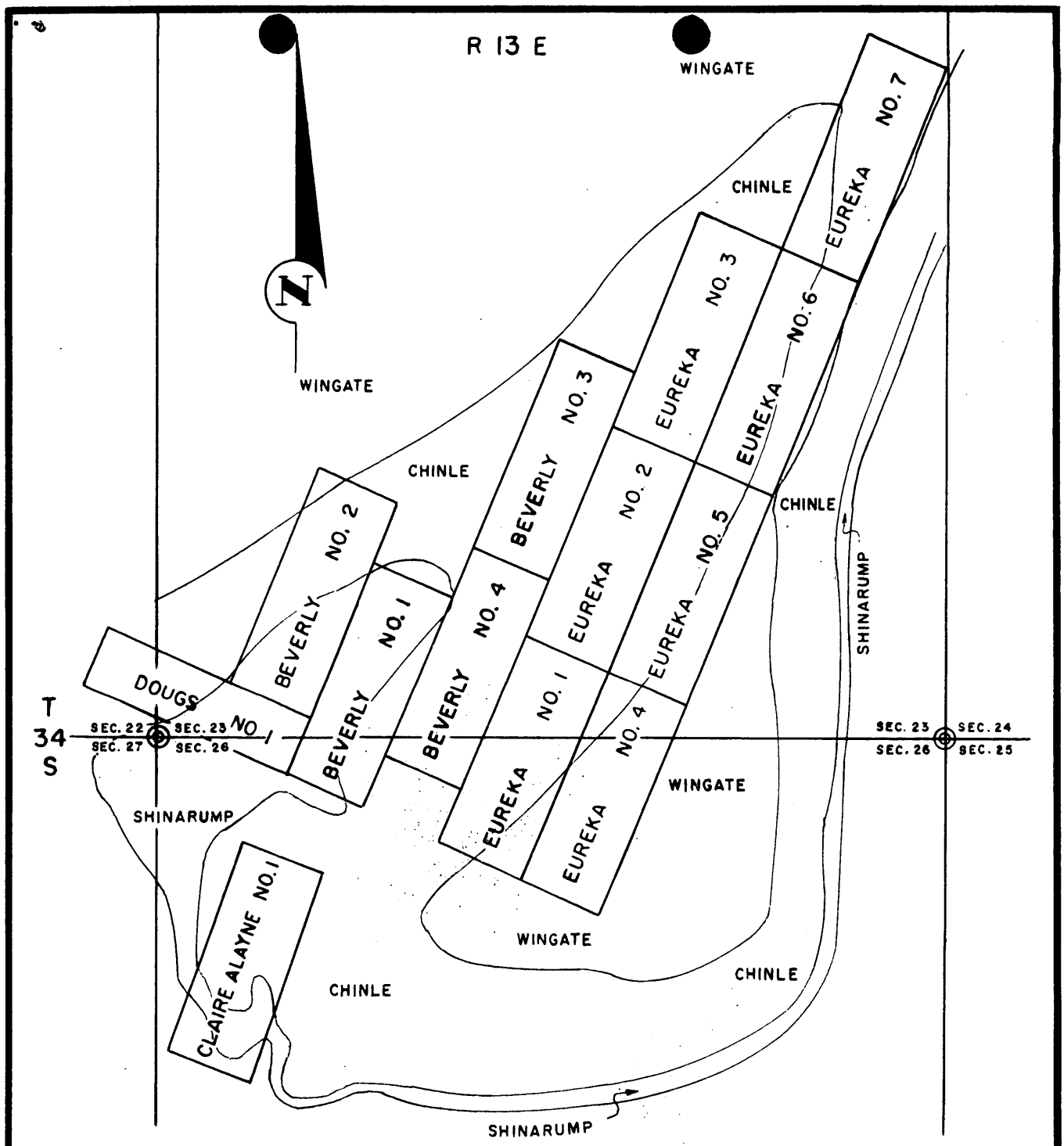
The applicant owns an HD-7 tractor with blade and Longyear diamond drill, and proposes to do the work rather than obtain a subcontract. No definite statements regarding costs could be obtained from the applicant. It is evident that much time had been consumed in doing the work accomplished to date; thus it is anticipated costs will be high if a contract is drawn on this basis.

It is estimated the average depth of proposed drill holes is approximately 450 feet. A total of 6,750 feet of drilling is estimated. Thirty hours of bulldozer work will be required to construct access roads and prepare drill sites. Based on contract rates prevalent in the area, the cost of drilling is estimated at $23,625. Bulldozer work totals $360 and miscellaneous project costs, $3,000. Total cost of the proposed work is estimated at $26,985. It is believed that approximately 3 months will be required to complete the work.

CONCLUSIONS AND RECOMMENDATIONS

Information concerning any specific target for the drilling is vague in this application. The drilling is designed to explore the

entire thickness of the Chinle formation. The outcropping rim exposures indicate the Shinarump formation is absent in the area, or, if present, it likely will be found in thin, isolated patches. No indication of channeling was noted during the examination. It is recommended that the application for loan be denied.



NOTE

DATA TRACED FROM COMPANY MAP.

0 1000 2000 3000

SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

Fig. 2 DMEA Docket No. 4135

Geologic and Claim Map

NUEVO MUNDO MINING CO.

GARFIELD COUNTY, UTAH

ENGINEER: *W. E. YOUNG*	DATE: MAY 8, 1956
DRAWN: MAY, 1956; A. P. T. S.	1900 - 391 - G
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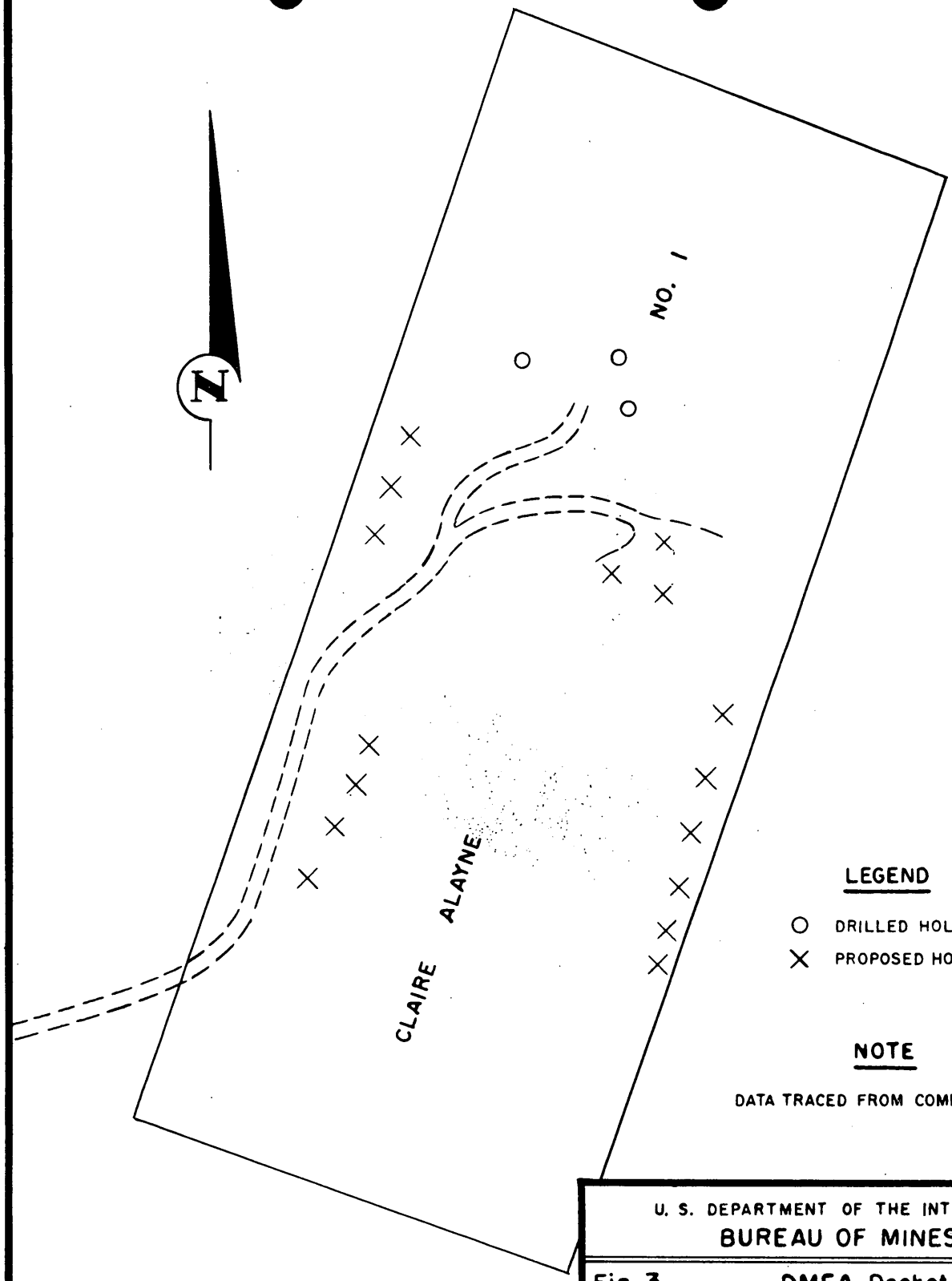

LEGEND

○ DRILLED HOLE

× PROPOSED HOLE

NOTE

DATA TRACED FROM COMPANY MAP.

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SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

Fig. 3 DMEA Docket No. 4135

Map showing Proposed Work

NUEVO MUNDO MINING CO.

CLAIRE ALAYNE CLAIM

GARFIELD COUNTY, UTAH

ENGINEER: *W. E. YOUNG*	DATE: MAY 10, 1956
TRACED: MAY, 1956; A.P.T.S.	1900-392-G
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JUN 20 1956

MINERAL DEPOSITS
DMEA
RECEIVED
JUN 14 1956
U. S.
GEOLOGICAL SURVEY
DENVER, COLORADO

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 360
GRAND JUNCTION, COLORADO

RECEIVED
JUN 20 1956

TRANSMITTED
JUN 18 1956

Memorandum

June 12, 1956

DMEA
Date Rec'd.
JUN 15 1956
BUREAU OF MINES
Denver, Colorado

To: E. N. Harshman, DMEA Field Team, Region III

From: J. William Hasler

Subject: Transmittal of report of examination, DMEA docket 4135, (Uranium) Nuevo Mundo Mining Company (Eureka, Beverly, and Claire Alyne claims), Garfield County, Utah.

The Nuevo Mundo Mining Company, White Canyon, Utah, has applied to the DMEA for assistance to explore for uranium on their Eureka et al claims, Garfield County, Utah. The application was referred to the field and an examination was made April 10, 1956, by W. E. Young, U. S. Bureau of Mines, and H. F. Albee, U. S. Geological Survey.

Enclosed is a separate geologic report of H. F. Albee, concerning the appraisal of the Eureka group of claims. Mineralization on the property is found to occur in the Monitor Butte member of the Chinle formation of Triassic age. The Monitor Butte formation in the area is predominantly mudstone with lenses of sandstone and conglomerate interspersed throughout the member. The mineralization on the applicant's property is located from 60 to 80 feet above the Moenkopi contact. There is no Shinarump conglomerate on the property and the mineralization observed at the time of the examination was in a lense of sandstone and conglomerate in the Monitor Butte sandstone. The lens is of local occurrence, in that it pinches out a short distance from the point where the mineralized material is localized. There is no evidence of a channel on the property and the chances of discovering ore deposits of any significant size are not good. It is therefore recommended that the application be denied. I concur with the recommendations and conclusions of the examining team.

The Atomic Energy Commission has been contacted relative to the appraisal of the property.

Enclosed are the required number of figures 1 and 2 for inclusion in the report.

J. William Hasler
J. William Hasler,
Geologist

JWH/mlr
Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

RECEIVED
JUN 20 1956

TRANSMITTED
JUN 18 1956

DMEA 4135

Nuevo Mundo Mining Company
Eureka, Beverly, and Claire Alyne claims
Garfield County, Utah

Uranium

Geologic Report

by

Howard F. Albee
U. S. Geological Survey

June 1956

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

DMEA 4135

RECEIVED
JUN 20 1956

INTRODUCTION AND SUMMARY

The Nuevo Mundo Mining Company, Box 515, White Canyon, Utah, has applied to Defense Minerals Exploration Administration, docket 4135, for assistance to explore for uranium on their Eureka claims, et al, in Garfield County, Utah.

The field examination was made April 10, 1956, by W. E. Young, U. S. Bureau of Mines, and Howard F. Albee, U. S. Geological Survey, in company with Mr. Robert Hodge, representative of the company.

The property is located in sections 23 and 26, T. 34 S., R. 13 E., SLPM, near the mouth of Trachyte Canyon at Hite, Utah. State Highway 95 passes through Hite, Utah, thus the property is accessible both from Green River, Utah, by way of Hanksville, or from Blanding, Utah, by way of White Canyon. Both routes are open all year except for short periods of heavy rain.

The mineralized bed on the claims is in the Monitor Butte member of the Chinle and consists of a lense of lime pebble conglomerate and coarse grained sandstone from 60 to 80 feet above the top of the Moenkopi formation. The Shinarump formation is absent on the claims and is thin to absent in the surrounding area. The Atomic Energy Commission has drilled the Shinarump member of the Chinle a short distance south of the property and has concluded that the mineralized material is too thin and too low grade to warrant further exploration. Uranium has not been produced in the area from horizons other than the Shinarump and then only where the Shinarump is thicker than in the area around Hite, Utah.

ACKNOWLEDGMENTS

Valuable assistance was given by the Atomic Energy Commission in evaluating the general area.

HISTORY AND PRODUCTION

The property has no history of mining or production. The nearest production has been about a mile south of the property from claims that have produced seven tons that assayed 0.08 percent U_3O_8 and contained an excessively high lime content. About three miles east of these claims 30 tons of ore that averaged 0.11 percent U_3O_8 were shipped, but which also contained a high lime content.

Due to the unfavorable lithology and stratigraphy of the area, the examining team recommends that the application for assistance be denied.

GEOLOGY AND ORE DEPOSITS

The claims lie a short distance west of the Colorado River at Hite, Utah, in the area between the south Henry Mountains and the White Canyon district. The strata dip about 3° southwest. No faulting was noted in the immediate vicinity of the claims although considerable area is covered by landslide material. The rocks in the immediate vicinity of the claims consist of the Moenkopi, Chinle, and Wingate formations of Triassic age, and the Kayenta formation of Jurassic age. The ore-bearing horizon that the applicant wishes to explore lies in the Monitor Butte member of the Chinle formation.

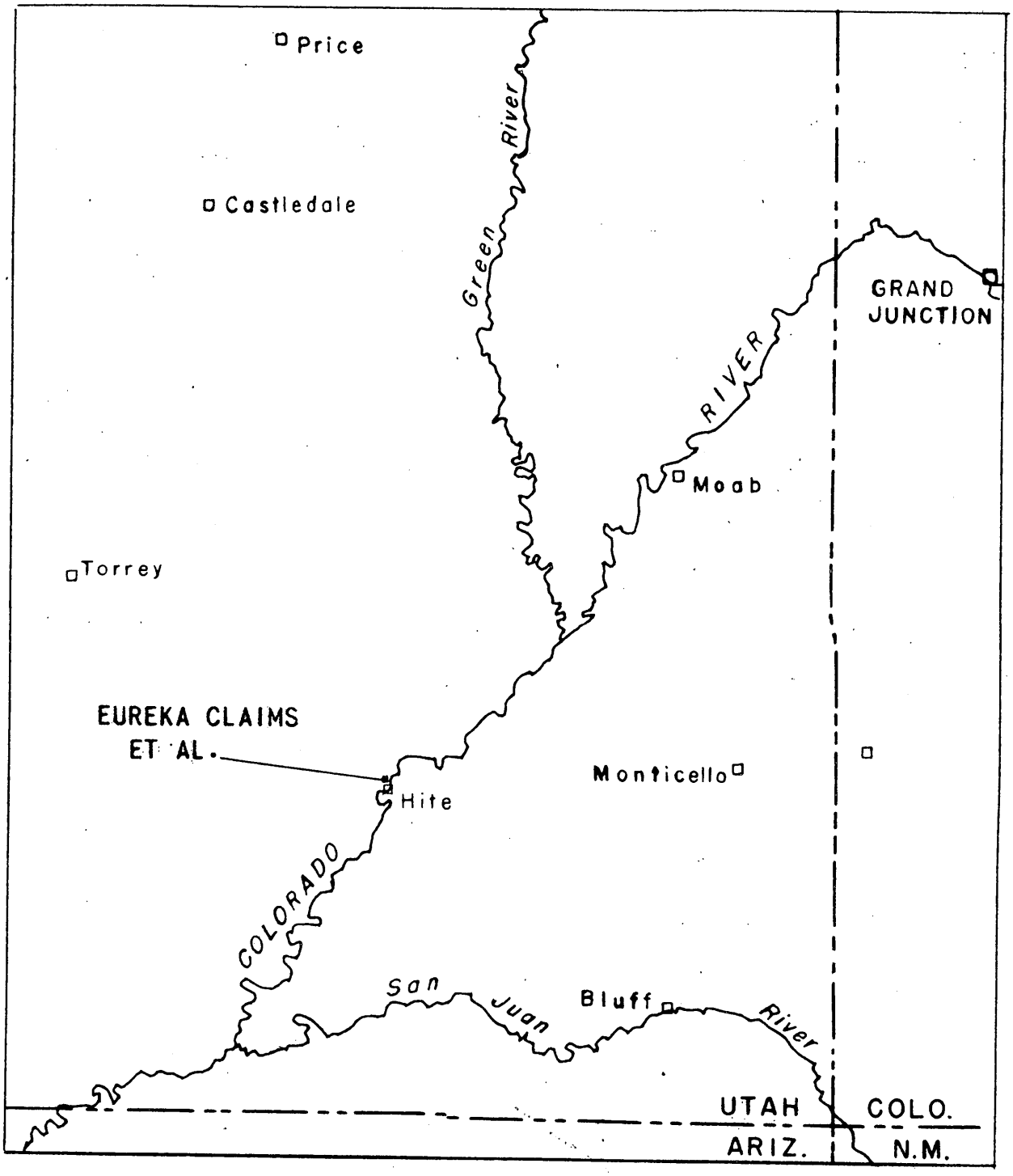

FIGURE 1. INDEX MAP OF SOUTHEASTERN UTAH SHOWING LOCATION OF EUREKA CLAIMS ET AL., NUEVO MUNDO MINING COMPANY, GARFIELD COUNTY, UTAH.

RECEIVED
JUN 20 1956

The Chinle is composed of brightly colored red, purple, and green to gray variegated mudstone, interbedded limestone, and lenticular beds of sandstone. The Shinarump member of the Chinle formation is absent on the claims and where present in the vicinity is thin and lenticular.

The mineralized bed that the company wishes to explore lies from 60 to 80 feet above the base of the Chinle and is composed of lime pebble conglomerate and coarse grained sandstone. The conglomerate is about one foot thick and is overlain by four feet of coarse grained calacreous sandstone. Within 20 feet of either direction on the outcrop the ledge has thinned to about one foot and the conglomerate is absent. The conglomerate and sandstone lens represents a shallow scour of very small areal extent. Carbonaceous material is present in small amounts and silicified fossil wood is abundant but not radioactive. Through a thickness of several inches above the lime pebble conglomerate a scintillator showed a count from 3 to 4 times above background, but no recognizable uranium or vanadium minerals were seen. From reports of assays a higher count was expected on the scintillator.

Two other outcrops were visited where similar mineralization was reported. These outcrops were not on the property but were suggested as being continuations of the mineralization of the first visited outcrop and possibly connected by a channel. The mineralization at the latter two outcrops is at the contact between the Chinle and the Moenkopi formation and shows much higher radioactivity than that which is on the property and somewhat higher in the section.

The apparent small areal extent of the sandstone lenses, the considerable distances between mineralized outcrops, and the vertical difference in the elevation of the outcrops precludes the possibility of a continuous channel. The narrow thickness and width of the sandstone lenses would render them hosts only to very small ore deposits. Furthermore, all known significant ore deposits in the Chinle formation are at or within 50 feet of the base of the Chinle rather than in the Monitor Butte member.

PROPOSED EXPLORATION

Three core-drill holes have been drilled on the Claire Alyne claim. The core shows abundant pyrite and some carbonaceous material but no radioactivity was noted. Fifteen core drill holes that will average about 120 feet deep are proposed by the applicant on the Claire Alyne claim at random sites. Further drilling is proposed on other claims but no locations or depths were given.

The total proposed footage is estimated at 6,750 feet at a cost of $23,625, of which $360.00 is for bulldozer work and $2,000.00 is for miscellaneous costs.

CONCLUSIONS AND RECOMMENDATIONS

The examining team concludes that chances of finding commercial quantities of uranium ore on the property are very poor. Minable quantities of ore are not known to occur above the Shinarump horizon and Shinarump is not present on the claims.

The property does not contain host rocks that are lithologically or stratigraphically favorable for the occurrence of uranium ore deposits and it is recommended that the application for assistance be denied.

6/20/56
G.L.

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

June 18, 1956

224 New Customhouse
Denver 2, Colorado

RECEIVED
JUN 20 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Field Team, Region III

Subject: Report of Examination, Docket DMEA 4135 (Uranium) Nuevo Mundo Mining Company (Eureka, Beverly, Bongs and Claire Alayne claims), Garfield County, Utah

Enclosed are the original and three copies of an engineering and geologic report on the subject property.

The examiners found no evidence of a channel on the property, and they believe the chances of discovering ore deposits of any significant size are not good. They recommend that the application be denied. We concur in this recommendation.

Your letter of February 6, 1956 on the subject docket requested that we return Exhibit "D" so that you could forward all copies of that exhibit to the Applicant. Enclosed is the only copy of Exhibit "D" which we have in this office.

DMEA Field Team, Region III

By W. M. Traver
Executive Officer

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

DMEA
Date Rec'd
MAY 10 1956
BUREAU OF MINES
Denver, Colorado

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

RECEIVED
JUN 20 1956

TRANSMITTED
JUN 18 1956

May 8, 1956

Memorandum

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

From: Stephen R. Wilson

Subject: Docket No. DMEA-4135 (Uranium), Nuevo Mundo Mining Co. (Eureka, Beverly, Bougs and Claire Alayne claims), Garfield County, Utah

Attached are the original and 10 copies of an engineering report pertaining to examination of the subject claims to appraise a request for Government aid. The report was prepared by W. E. Young. Also attached is a copy of the brochure.

The applicant has proposed an exploratory program on the Claire Alayne claim consisting principally of drilling 15 diamond drill holes. The applicant has not presented an estimate of cost for completing the proposed work. An estimate made by the examining engineer totals $25,955 for 6,750 feet of drilling and the necessary bulldozer work.

Rocks exposed in the area consist principally of the Triassic Moenkopi and Chinle shales and Jurassic Wingate sandstone. There are isolated patches of thin beds of conglomerate which may be remnants of the Shinarump formation. However, many rim exposures show the Chinle shales resting directly on the Moenkopi formation. Only the basal part of the Shinarump conglomerate is known to contain workable uranium ores in the general area. Small, isolated uranium ore occurrences have been noted in the Chinle and Moenkopi formations, but these occurrences are not considered to be commercially significant.

The examining engineer recommends that the applicant's request for DMEA funds be denied. No channeling was noted during the examination and it appears that the Shinarump formation may be absent in the area of the applicant's claims. Exploration proposed by the applicant, in the opinion of the examining engineer, will not disclose economic ore deposits. I concur in the recommendation that the loan request be denied.

The property was discussed with members of the AEC at Grand Junction, Colorado.

Stephen R. Wilson
Stephen R. Wilson

APPROVED BY
DMEA OPERATING COMMITTEE
6-22-56
(Date)

Enclosures
cc: J. F. Shaw
J. E. Clemmer

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JUN 20 1956

NUEVO MUNDO MINING CO.
EUREKA, BEVERLY, DOUGS AND CLAIRE ALAYNE CLAIMS
GARFIELD COUNTY, UTAH
DMEA-4135
Uranium

TRANSMITTED
JUN 18 1956

Engineering Report

By W. E. Young
Mining Engineer
Bureau of Mines

April 30, 1956

Reviewed by
DMEA OPERATING COMMITTEE
6-22-56
(date)

NUEVO MUNDO MINING CO.
EUREKA, BEVERLY, DOUGS AND CLAIRE ALAYNE CLAIMS
GARFIELD COUNTY, UTAH

CONTENTS

	Page
Engineering report	
Summary	2
Introduction	2
Location, topography and physical features	3
Ownership, history and production	3
Description of the deposits	5
Proposed exploration	5
Conclusions and recommendations	6

ILLUSTRATIONS

Fig. 1 Location map, Nuevo Mundo Mining Co., Garfield County, Utah
Fig. 2 Claim map, showing general geology
Fig. 3 Plan map, showing locations of proposed drill holes on Claire Alayne claim

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SUMMARY

Property of Nuevo Mundo Mining Co. is located near the mouth of Trachyte Creek at its junction with the Colorado River. The claims cover an outcropping area of the Triassic Chinle shale. Occurrences of uranium mineralization in the middle Chinle were noted on rim exposures. The applicant is engaged in core drilling this formation behind the rim to indicate a trend and to intersect a projection of the mineralization. A request for a DMEA loan to assist in this work has been made.

An investigation of the occurrences indicates that they are spotty and erratic in nature. It is recommended that the application for Government assistance be denied.

INTRODUCTION

Property of Nuevo Mundo Mining Co., docket No. DMEA-4135, was examined April 10, 1956, by a geologist of the Geological Survey and an engineer of the Bureau of Mines. The examination was made at the request of the Regional Field Team to determine the advisability of granting a Government-assistance loan. R. R. Hodge, general field manager, and R. S. Crawford, project supervisor, accompanied the examining personnel over the property.

The applicant proposes drilling 15 holes on the Claire Alayne claim. No estimate of costs has been made for the work. The necessary

equipment to do the work has been obtained by the company. Labor and supervisory duties will be accomplished by members of the partnership.

LOCATION, TOPOGRAPHY AND PHYSICAL FEATURES

The claims which the applicant proposes to explore are located in Secs. 23 and 26, T. 34 S., R. 13 E., S.L.B. and M. This area is bounded on the east and south by the Colorado River, and on the west by Trachyte Creek (fig. 1). Access by road is by Utah Highway 95 from Hanksville, Utah, a distance of 56 miles. A uranium reduction plant is located at Monticello, Utah, which is 105 miles from the property. An AEC buying station for uranium ores is located at White Canyon, Utah, 15 miles from the property.

OWNERSHIP, HISTORY AND PRODUCTION

Nuevo Mundo Mining Co. holds one claim under lease and controls 11 other claims by right of location. All claims are contiguous except the Claire Alayne, which is approximately 500 feet south of the group. Owners of the Claire Alayne claim retain an 8 percent royalty interest on net profits of production from this claim. The company is a limited partnership. Albert J. De Sure, 5697 Montezuma Road, San Diego, California, and Richard Hodge, 5710 Hardy Way, San Diego, California, are listed as general partners. Limited partners are:

Douglas De Sure	5737 Montezuma Road, San Diego, Calif.
Robert S. Crawford	Agua Caliente via Borrego Springs, Calif.
Hans Lieblich	36 W. 66th Street, New York, N. Y.
Murray Lieblich	36 W. 66th Street, New York, N. Y.
Carl Lieblich	36 W. 66th Street, New York, N. Y.
Leo Krasne	4876 Adams Street, San Diego, Calif.
I. Penter	2421 Brant Street, San Diego, Calif.
Yale Kahn	4552 E. Talmadge Drive, San Diego, Calif.
Irvin J. Kahn	Bank of America Bldg., San Diego, Calif.
H. Weintraub	c/o Greater Broadway Furniture Co., Los Angeles, Calif.
Stuart Penter	1025 Diamond, Pacific Beach, San Diego, Calif.
Eli H. Levenson	835 Bank of America Bldg., San Diego, Calif.
David A. Block	835 Bank of America Bldg., San Diego, Calif.

A list of the unpatented mining claims involved is as follows:

Claim	Book No.	Page No.
Dougs	91	509
Beverly No. 1	91	511
Beverly No. 2	91	513
Beverly No. 3	91	515
Eureka No. 1	91	517
Eureka No. 2	91	519
Eureka No. 3	91	521
Eureka No. 4	91	523
Eureka No. 5	91	525

Claim	Book No.	Page No.
Eureka No. 6	91	526
Eureka No. 7	91	529
Claire Alayne	91	507

All claims are recorded in the office of the County Recorder, Panguitch, Garfield County, Utah.

Three diamond drill holes have been drilled on the Claire Alayne claim. There has been no production from the property.

DESCRIPTION OF THE DEPOSITS

Rocks exposed in the area of the claims are Triassic Moenkopi and Chinle shales and Jurassic Wingate sandstone. Isolated patches of thin beds of conglomerate outcrop. These beds may be remnants of the Shinarump formation, but most rim exposures show Chinle shales resting directly on Moenkopi. In this area only the basal part of the Shinarump formation is known to contain significant concentrations of uranium, although small, isolated occurrences have been noted in the overlying Chinle and in the underlying Moenkopi.

The Chinle formation is divided into three units in the area: upper, middle and lower. The mineralization mentioned in the application occurs in the middle unit, which is not known to be productive. Spotty, erratic occurrences are not unusual, but are too small to be of economic importance.

PROPOSED EXPLORATION

The applicant has constructed an access road from the valley to the rim and is presently engaged in diamond drilling on the Claire

Alayne claim. Three holes have been completed. No mineralization has been encountered. A total of 15 additional holes are proposed on this claim. If favorable results are obtained, additional drilling is contemplated on other claims. Additional road building and drill-site preparation will be needed to complete the proposed drilling.

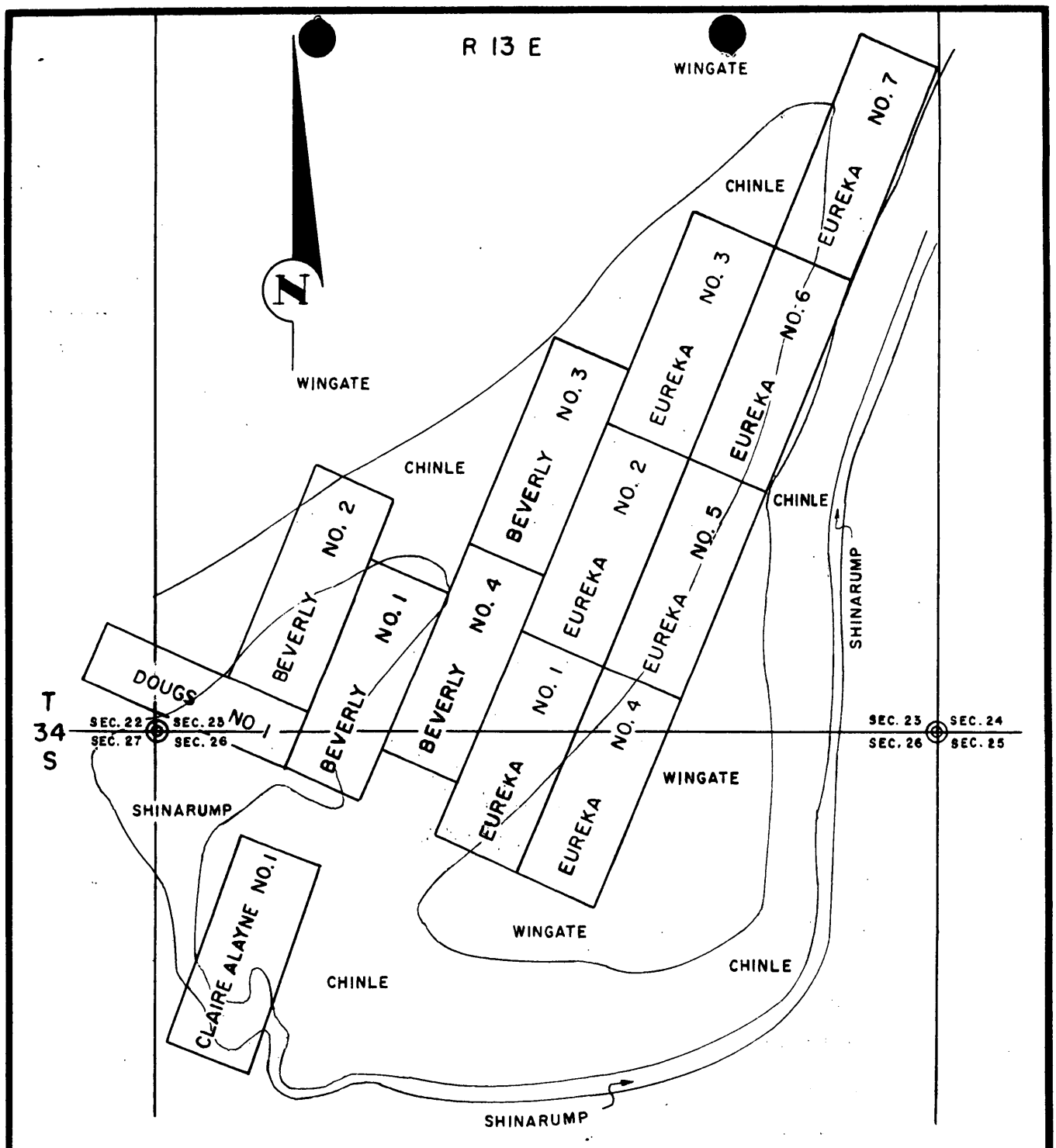
The applicant owns an HD-7 tractor with blade and Longyear diamond drill, and proposes to do the work rather than obtain a subcontract. No definite statements regarding costs could be obtained from the applicant. It is evident that much time had been consumed in doing the work accomplished to date; thus it is anticipated costs will be high if a contract is drawn on this basis.

It is estimated the average depth of proposed drill holes is approximately 450 feet. A total of 6,750 feet of drilling is estimated. Thirty hours of bulldozer work will be required to construct access roads and prepare drill sites. Based on contract rates prevalent in the area, the cost of drilling is estimated at $23,625. Bulldozer work totals $360 and miscellaneous project costs, $3,000. Total cost of the proposed work is estimated at $26,985. It is believed that approximately 3 months will be required to complete the work.

CONCLUSIONS AND RECOMMENDATIONS

Information concerning any specific target for the drilling is vague in this application. The drilling is designed to explore the

entire thickness of the Chinle formation. The outcropping rim exposures indicate the Shinarump formation is absent in the area, or, if present, it likely will be found in thin, isolated patches. No indication of channeling was noted during the examination. It is recommended that the application for loan be denied.



NOTE

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SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

Fig. 2 **DMEA Docket No. 4135**

Geologic and Claim Map

NUEVO MUNDO MINING CO.

GARFIELD COUNTY, UTAH

ENGINEER: *W. E. YOUNG*	DATE: MAY 8, 1956
DRAWN: MAY, 1956; A. P. T. S.	1900 - 391 - G
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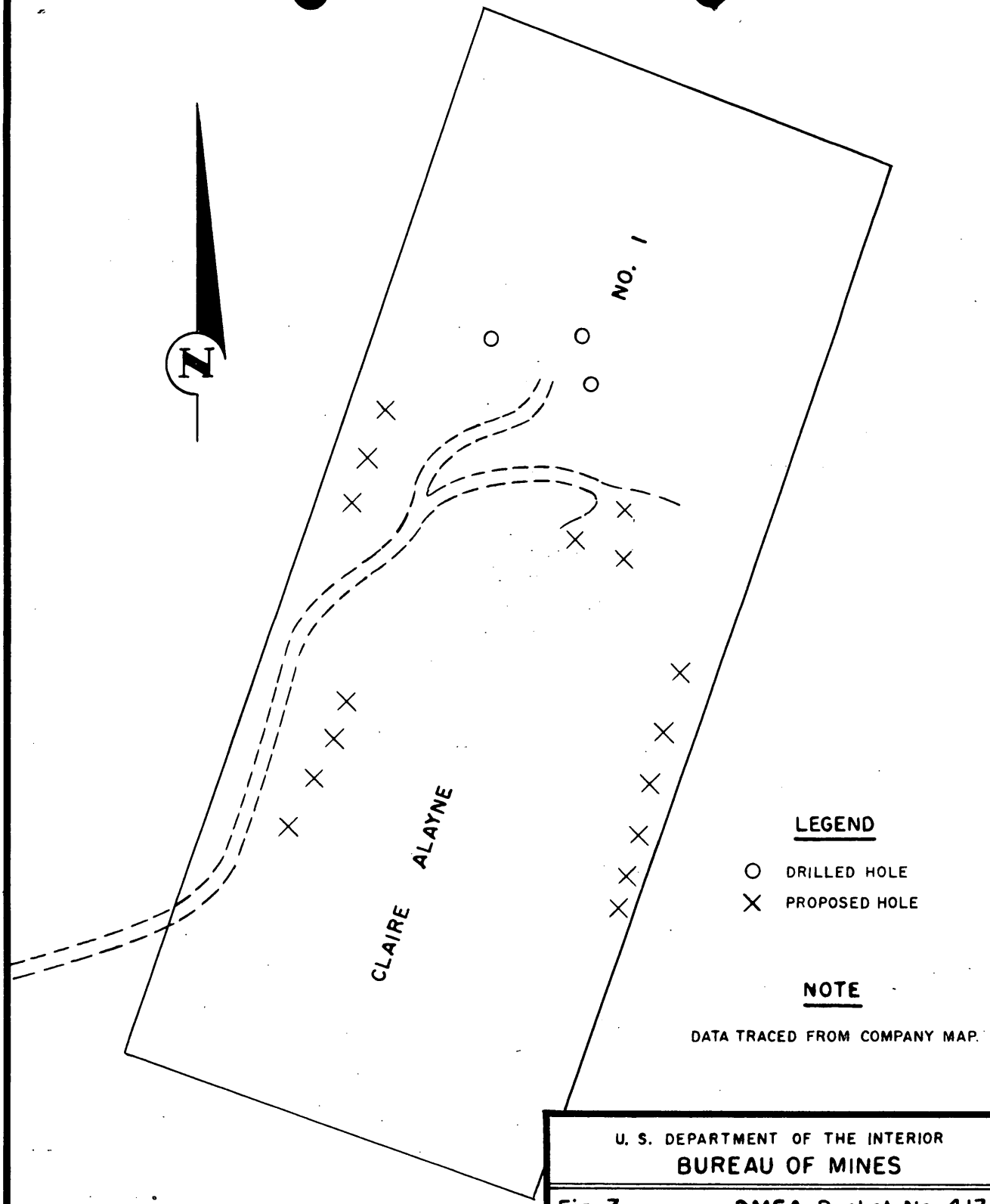

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SCALE OF FEET

U. S. DEPARTMENT OF THE INTERIOR

BUREAU OF MINES

Fig. 3 DMEA Docket No. 4135

Map showing Proposed Work

NUEVO MUNDO MINING CO.

CLAIRE ALAYNE CLAIM

GARFIELD COUNTY, UTAH

ENGINEER: *W. E. YOUNG*	DATE: MAY 10, 1956
TRACED: MAY, 1956; A.P.T.S.	1900-392-G
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MINERAL DEPOSITS
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JUN 14 1956
U. S.
GEOLOGICAL SURVEY
DENVER, COLO.
DMEA
Date Rec'd.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
P. O. BOX 360
GRAND JUNCTION, COLORADO

RECEIVED
JUN 20 1956

TRANSMITTED
JUN 18 1956

June 12, 1956

E MH JUN 15 1956
BUREAU OF MINES
Denver, Colorado

Memorandum

To: E. N. Harshman, DMEA Field Team, Region III

From: J. William Hasler

Subject: Transmittal of report of examination, DMEA docket 4135, (Uranium) Nuevo Mundo Mining Company (Eureka, Beverly, and Claire Alyne claims), Garfield County, Utah.

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The Atomic Energy Commission has been contacted relative to the appraisal of the property.

Enclosed are the required number of figures 1 and 2 for inclusion in the report.

J. William Hasler
J. William Hasler,
Geologist

JWH/mlr
Enclosures

Reviewed by
DMEA OPERATING COMMITTEE

(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

TRANSMITTED
JUN 18 1956

DMEA 4135

Nuevo Mundo Mining Company
Eureka, Beverly, and Claire Alyne claims
Garfield County, Utah

Uranium

Geologic Report

by

Howard F. Albee
U. S. Geological Survey

June 1956

Reviewed by
DMEA OPERATING COMMITTEE

_____
(date)

DMEA 4135

INTRODUCTION AND SUMMARY

The Nuevo Mundo Mining Company, Box 515, White Canyon, Utah, has applied to Defense Minerals Exploration Administration, docket 4135, for assistance to explore for uranium on their Eureka claims, et al, in Garfield County, Utah.

The field examination was made April 10, 1956, by W. E. Young, U. S. Bureau of Mines, and Howard F. Albee, U. S. Geological Survey, in company with Mr. Robert Hodge, representative of the company.

The property is located in sections 23 and 26, T. 34 S., R. 13 E., SLPM, near the mouth of Trachyte Canyon at Hite, Utah. State Highway 95 passes through Hite, Utah, thus the property is accessible both from Green River, Utah, by way of Hanksville, or from Blanding, Utah, by way of White Canyon. Both routes are open all year except for short periods of heavy rain.

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ACKNOWLEDGMENTS

Valuable assistance was given by the Atomic Energy Commission in evaluating the general area.

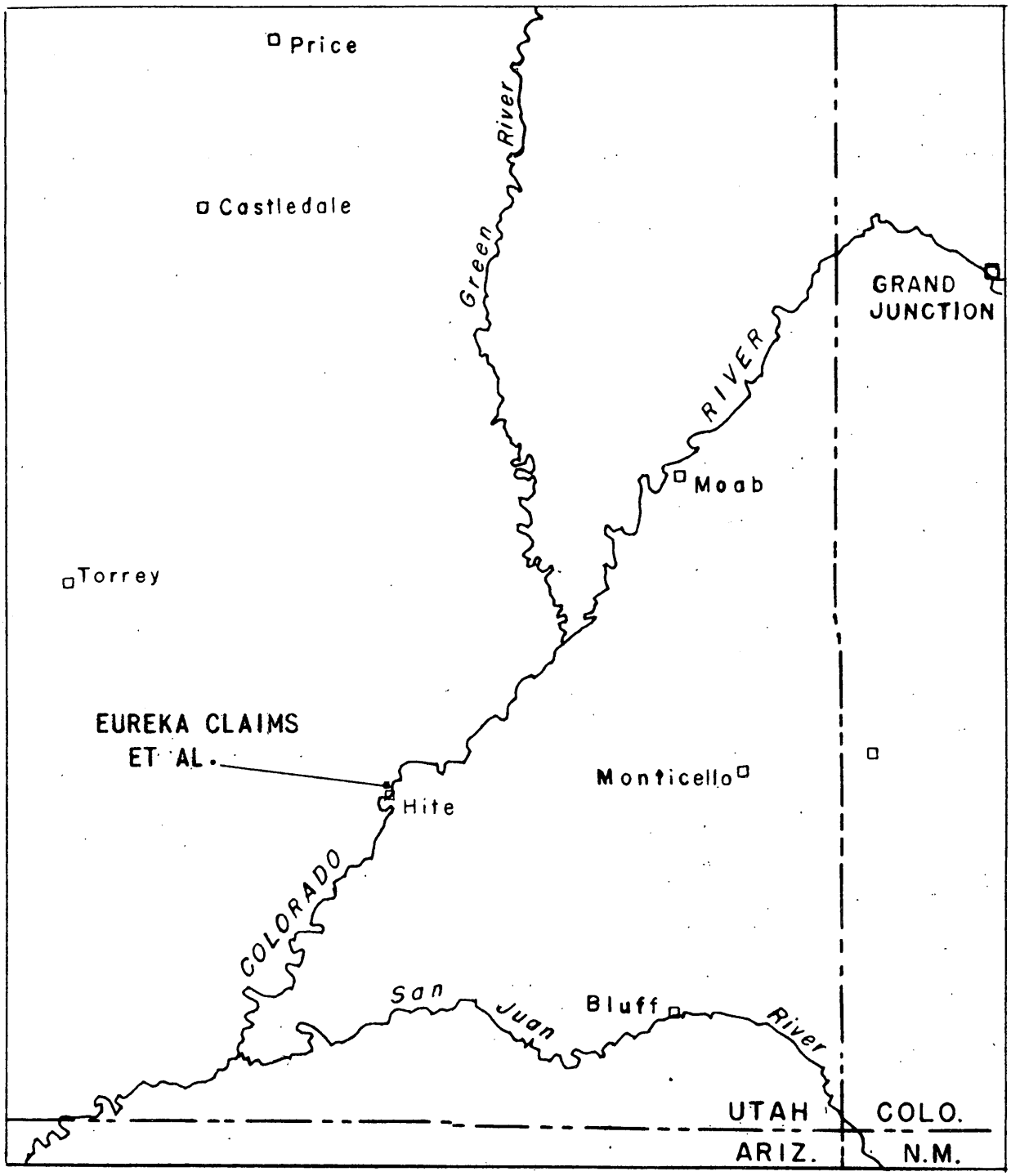
HISTORY AND PRODUCTION

The property has no history of mining or production. The nearest production has been about a mile south of the property from claims that have produced seven tons that assayed 0.08 percent U_3O_8 and contained an excessively high lime content. About three miles east of these claims 30 tons of ore that averaged 0.11 percent U_3O_8 were shipped, but which also contained a high lime content.

Due to the unfavorable lithology and stratigraphy of the area, the examining team recommends that the application for assistance be denied.

GEOLOGY AND ORE DEPOSITS

The claims lie a short distance west of the Colorado River at Hite, Utah, in the area between the south Henry Mountains and the White Canyon district. The strata dip about 3° southwest. No faulting was noted in the immediate vicinity of the claims although considerable area is covered by landslide material. The rocks in the immediate vicinity of the claims consist of the Moenkopi, Chinle, and Wingate formations of Triassic age, and the Kayenta formation of Jurassic age. The ore-bearing horizon that the applicant wishes to explore lies in the Monitor Butte member of the Chinle formation.



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RECEIVED
JUN 2 0 1956

The Chinle is composed of brightly colored red, purple, and green to gray variegated mudstone, interbedded limestone, and lenticular beds of sandstone. The Shinarump member of the Chinle formation is absent on the claims and where present in the vicinity is thin and lenticular.

The mineralized bed that the company wishes to explore lies from 60 to 80 feet above the base of the Chinle and is composed of lime pebble conglomerate and coarse grained sandstone. The conglomerate is about one foot thick and is overlain by four feet of coarse grained calacreous sandstone. Within 20 feet of either direction on the outcrop the ledge has thinned to about one foot and the conglomerate is absent. The conglomerate and sandstone lens represents a shallow scour of very small areal extent. Carbonaceous material is present in small amounts and silicified fossil wood is abundant but not radioactive. Through a thickness of several inches above the lime pebble conglomerate a scintillator showed a count from 3 to 4 times above background, but no recognizable uranium or vanadium minerals were seen. From reports of assays a higher count was expected on the scintillator.

Two other outcrops were visited where similar mineralization was reported. These outcrops were not on the property but were suggested as being continuations of the mineralization of the first visited outcrop and possibly connected by a channel. The mineralization at the latter two outcrops is at the contact between the Chinle and the Moenkopi formation and shows much higher radioactivity than that which is on the property and somewhat higher in the section.

The apparent small areal extent of the sandstone lenses, the considerable distances between mineralized outcrops, and the vertical difference in the elevation of the outcrops precludes the possibility of a continuous channel. The narrow thickness and width of the sandstone lenses would render them hosts only to very small ore deposits. Furthermore, all known significant ore deposits in the Chinle formation are at or within 50 feet of the base of the Chinle rather than in the Monitor Butte member.

PROPOSED EXPLORATION

Three core-drill holes have been drilled on the Claire Alyne claim. The core shows abundant pyrite and some carbonaceous material but no radioactivity was noted. Fifteen core drill holes that will average about 120 feet deep are proposed by the applicant on the Claire Alyne claim at random sites. Further drilling is proposed on other claims but no locations or depths were given.

The total proposed footage is estimated at 6,750 feet at a cost of $23,625, of which $360.00 is for bulldozer work and $2,000.00 is for miscellaneous costs.

CONCLUSIONS AND RECOMMENDATIONS

The examining team concludes that chances of finding commercial quantities of uranium ore on the property are very poor. Minable quantities of ore are not known to occur above the Shinarump horizon and Shinarump is not present on the claims.

The property does not contain host rocks that are lithologically or stratigraphically favorable for the occurrence of uranium ore deposits and it is recommended that the application for assistance be denied.

DME A-413 J
RECEIVED
MAR 15 1956

Exploration Program for the Claire Alyne:

There have been three holes drilled to date on this claim; indicated by circled Z's. The cores from these three holes showed a high presence of iron pyrites and carbon in sandstone.

A road has been completed to point Y, and the drilling of these three holes will start promtly.

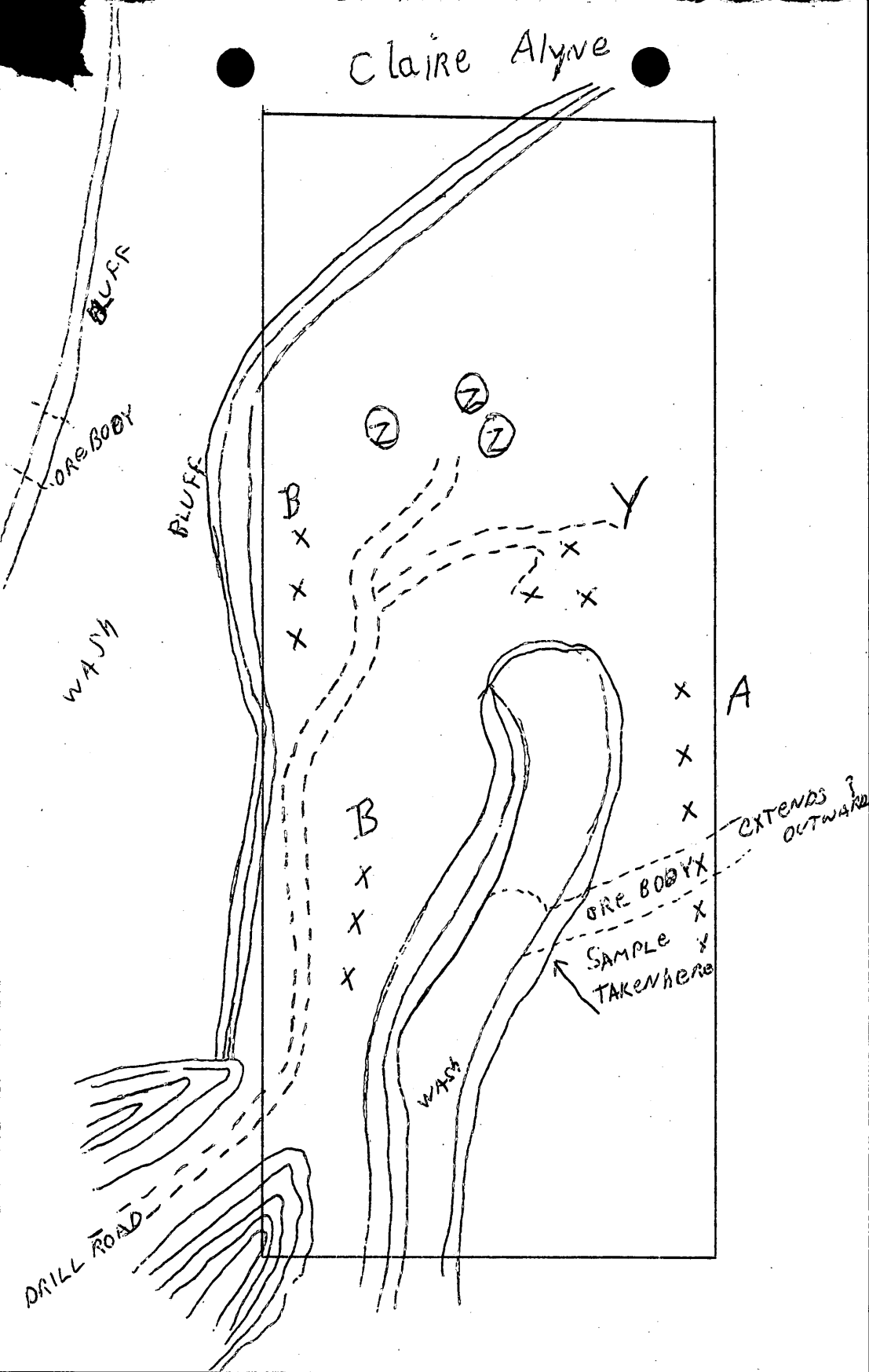
After the results of this area has been analyzed a road will be built down to point A, and these holes will be drilled.

Then we plan to drill point B. The location of following holes will depend on the results of the forgoing holes.

At the same time we plan to run a small drift into the location at which the sample was taken. This results of this drift will also indicate the location of other drill-holes.

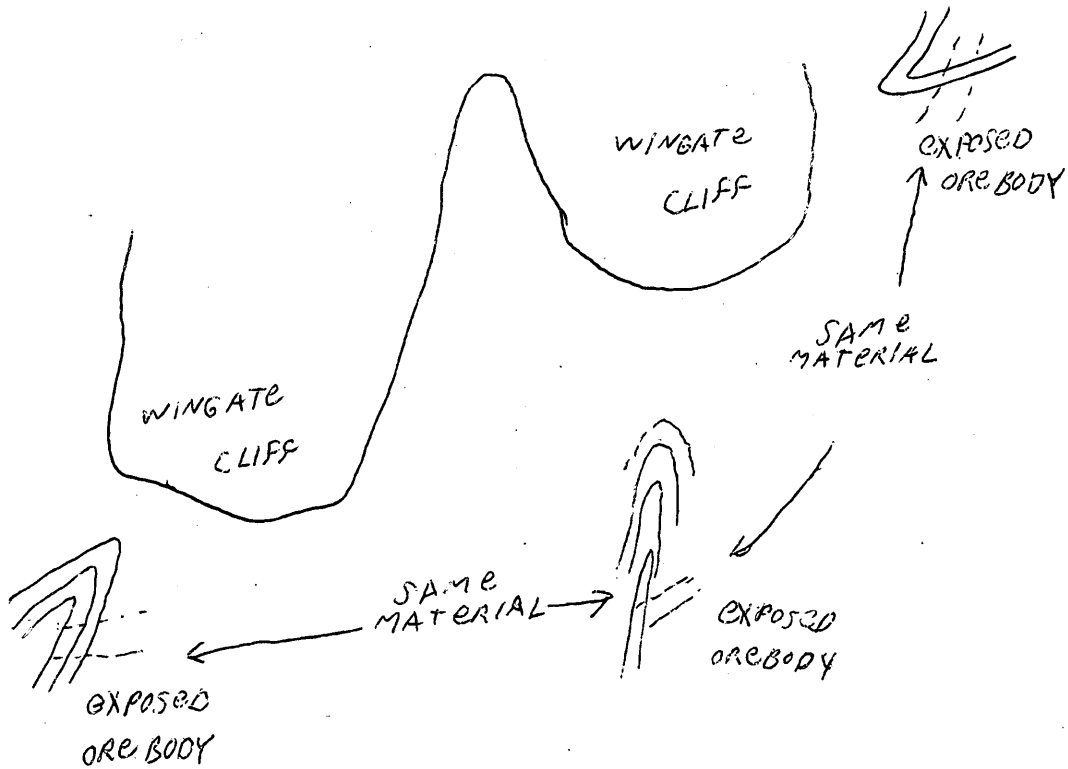
The exploration program for the remaining 12 claims will depend on the results of the Claire Alyne. But the program on the other claims will probably consist of "jump-drilling".

Claire Alyne



Extent and width of exposed ore-body
How sample was taken
Lenght of sample cut

From all outward appearances the exposed ore-body is about 15 or 20 feet in width. The extent of the body is unknown, but this same material is exposed in several different locations some distance away. See map:



The first sample was removed with a prospectors pick. The second sample was blown out with powder. Both samples were taken from three areas(both ends of the body and the middle), collected in sack.

The lenght of the sample cut was approximatly 3 feet.

DOUGS
BEVERLY 2
BEVERLY 1
BEVERLY 4
BEVERLY 3
EUREKA 1
EUREKA 2
EUREKA 3
EUREKA 4
EUREKA 5
EUREKA 6
EUREKA 7
CLAIRE ALYNE 1
SAMPLE TAKEN FROM THIS LOCATION
SIZE OF EXPOSED ORE-BODY 3' X 15'

RECEIVED
MAR 1 1956

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

RECEIVED
MAR 16 1956

March 14, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: S. R. Wilson
J. W. Hasler

From: Field Team, Region III

Subject: Docket DMEA 4135 (Uranium), Nuevo Mundo Mining Company, Eureka claims, et al., Garfield County, Utah

Enclosed is a copy of additional information submitted by the applicant in reply to Mr. C. O. Mittendorf's letter to the applicant dated February 6, 1956.

Will you please place this additional information with the subject brochure.

DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer

Enclosure

We presume that the applicant has submitted three copies of this additional information to your office as requested in Mr. C. O. Mittendorf's letter.

MC:ab

: Chair. Op. Comm. (2)
Harshman
Docket 4135
Chron.

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

RECEIVED
MAR 16 1956

March 14, 1956

224 New Customhouse
Denver 2, Colorado

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By W. M. Traver
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HMC:ab

cc: Chair. Op. Comm. (2)
Marshman
Docket 4135
Chron.

RECEIVED

MAR 15 1956

Mr. C.O. Minthendorf
Administrator
U.S. Dept. of the Interior
Defense Minerals Exploration Administration
Washington 25, D.C.

Re: Docket No. DMEA-4135(Uranium)
Eureka Claims, et al.
Garfield County, Utah

3/12/56

Dear Mr. Minthendorf,

Enclosed is the information that you requested from this party. Since the original application for DMEA was submitted by us, we have obtained some additional equipment. Here is a list:

HD-7 angle-blade tractor
Jaeger 125 compressor
Willys Station Wagon

This equipment will be devoted to the project at hand; exploration of our claims in the Hite area. If you desire additional information please don't hesitate to contact me.

Respectfully,

RR Hodge

RR Hodge
General Field Manager
The Nuevo Mundo Mining Company
Box 515
White Canyon, Utah

RECEIVED
MAR 15 1956

Exploration Program for the Clair Alyne

There have been three holes drilled to date on this claim; indicated by circled Z's. The cores from these three holes showed a high presence of iron pyrites and carbon in sandstone.

A road has been completed to point Y, and the drilling of these three holes will start promtly.

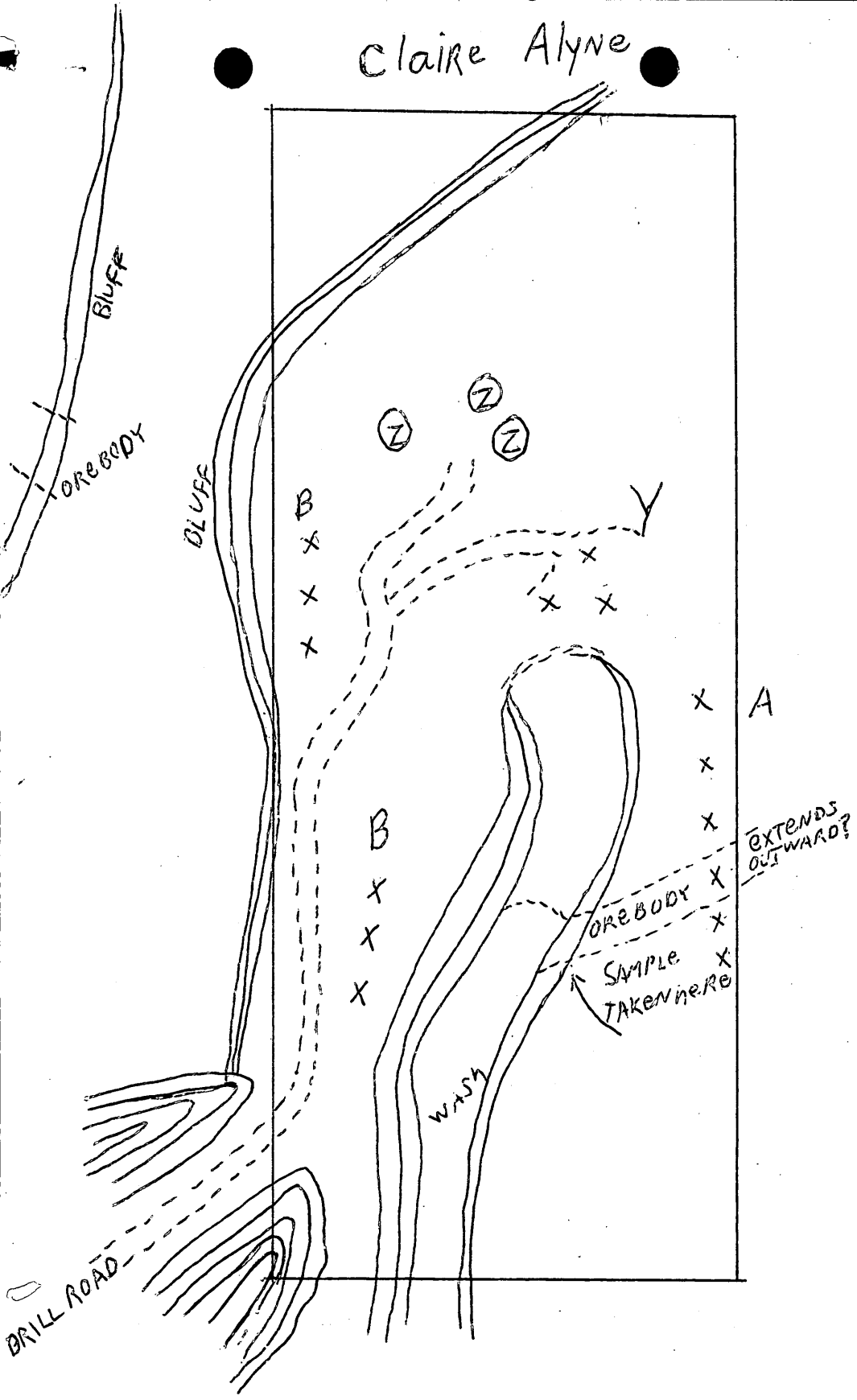
After the results of this area are analyzed a road will be built down to point A, and these holes will be drilled.

Then we plan to drill point B. The location of following holes will depend on the results of the primary holes.

At the same time we plan to run a small drift into the location at which the sample was taken. The results of this drift will also indicate the location of other drill holes.

The exploration program for the remaining 12 claims will depend on the results of the Claire Alyne. But the program on the other claims will probably consist of "jump-drilling".

Claire Alyne



Extent and Width of exposed ore-body
How sample was taken
Length of sample cut

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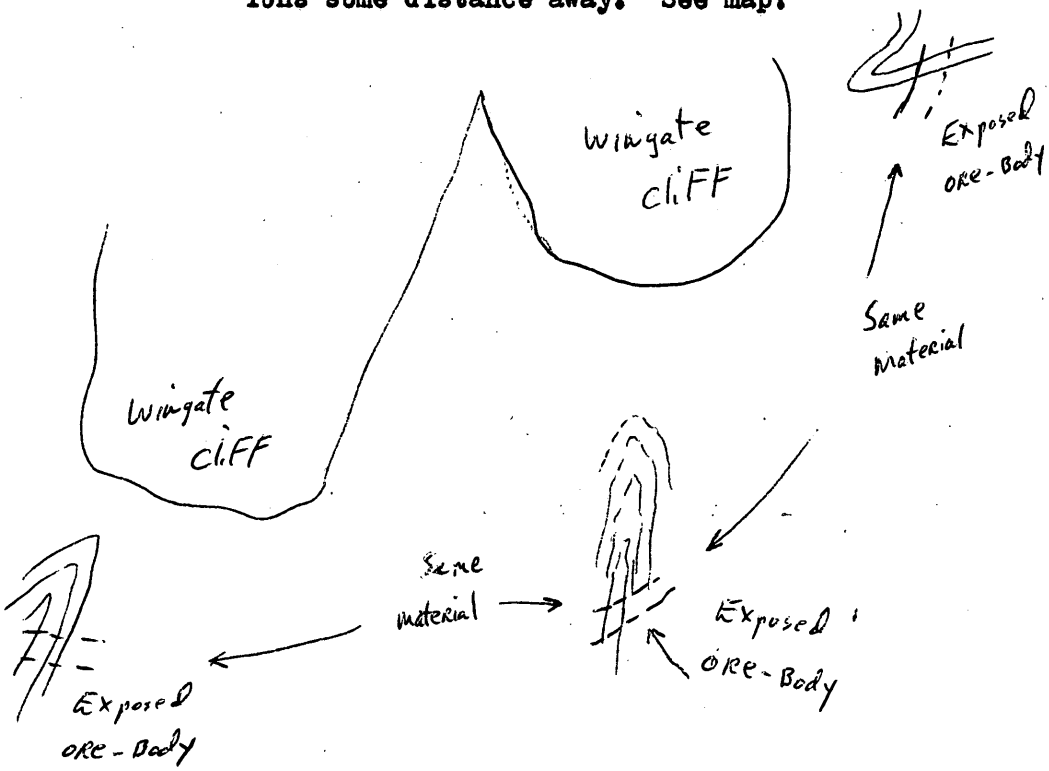

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BEVERLY 2
BEVERLY 1
BEVERLY 4
BEVERLY 3
EUREKA 1
EUREKA 2
EUREKA 3
EUREKA 4
EUREKA 5
EUREKA 6
EUREKA 7
CLAIRE ALYNE 1
SAMPLE TAKEN FROM THIS LOCATION
SIZE OF EXPOSED ORE BODY 3' X 15'

2-15-56 [illegible]

RECEIVED
FEB 15 1956

February 10, 1956

Memorandum

To: S. R. Wilson

From: Acting Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4135 (Uranium), Nuevo Mundo Mining Company, Eureka claims, et al., Garfield County, Utah

Enclosed please find the subject application. A field examination and suitable report are required.

Please forward the completed report directly to the Executive Officer, with a copy of your memorandum of transmittal to this office.

Scott W. Hazen, Jr.

Scott W. Hazen, Jr.

Enclosure

cc: W. M. Traver (3)
E. N. Harshman
J. W. Hasler
M. K. Salsbury
See Rep. Com (2)

RECEIVED
FEB 15 1956

February 13, 1956

Memorandum

To: S. R. Wilson

From: Acting Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4135 (Uranium), Nuevo Mundo Mining Company, Eureka claims, et al., Garfield County, Utah

Enclosed please find the subject application. A field examination and suitable report are required.

Please forward the completed report directly to the Executive Officer, with a copy of your memorandum of transmittal to this office.

Scott W. Hansen, Jr.

Enclosure

cc: W. N. Traver (3)
Z. N. Harshman
J. W. Ensler
M. K. Salsbury
Sec. Op. Com. (2)

2-14-56 [illegible]

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

RECEIVED
FEB 13 1956

February 9, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw (With brochure)
J. W. Hasler

From: Field Team, Region III

Subject: Docket DMEA 4135 (Uranium), Nuevo Mundo Mining Company, Eureka claims et al., Garfield County, Utah

Enclosed is the subject application. Also enclosed is a copy of a letter from the Chairman of the Operating Committee, a letter from the Administrator to the applicant requesting additional information, and memoranda of review of the application by John E. Crawford and M. M. Nelson, members of the Uranium Commodity Committee.

A field examination and suitable report are required.

DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer

Enclosures

HMC:ab

cc: Chair. Op. Comm. (2)
Harshman
Docket 4135
Chron.

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

RECEIVED
FEB 13 1956

February 9, 1956

[illegible] New Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw (With brochure)
J. W. Hesler

From: Field Team, Region III

Subject: Docket DMEA 4135 (Uranium), Nueve Mundo Mining Company, Bureau claims et al., Garfield County, Utah

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A field examination and suitable report are required.

DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer

Enclosures

HMC:ab

cc: Chair. Op. Comm. (2)
Harshman
Docket 4135
Chron.

700

FILE COPY
Surnamed
F.L.Knouse
Hudson
Heather
F.E.Johnson

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

Mr. Albert J. DeSure
Nuevo Mundo Mining Company
c/o Levenson, Levenson & Block
835 Bank of America Building
San Diego 1, California

FEB - 6 1956

Re: Docket No. DMEA-4135 (Uranium)
Eureka Claims, et al.
Garfield County, Utah

Dear Mr. DeSure:

The application for assistance in exploring your claims, under the captioned docket number, 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 III at the following address:

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

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

In the meantime, so the processing of your application will not be delayed, please clarify and furnish the following:

The claim map, Exhibit "A", submitted with your application did not show (1) the claim names, (2) location of "exposed ore bodies" and where the samples were taken, as is described in your application, and (3) the location of each hole you propose to drill. Therefore, please furnish a map which shows the above information. Also, describe the extent and width of each exposed ore body; how each sample was taken, and the length of the sample cut. Please send one copy of this information to Mr. W. M. Traver, at the address shown above, with three copies to this office.

Your request to return Exhibit "D" will be complied with when final action has been taken on your application.

Sincerely yours,

O. O. Mittendorf

Administrator

FLKnouse/izm 2-2-56
cc to: Docket
Code 700
Mr. Knouse
Admr.'s Reading File
Operating Committee
DMEA Field Team, Region III, (2)
Messrs. JECrawford, Rm. 3641
THKillsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

Rich

700

FILE COPY
Surname:
FLKnouse
Ellis
Martin
Jeffrey
WHStendoy

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

Mr. W. M. Traver
Executive Officer
DMEA Field Team, Region III
224 New Customhouse Building
Denver 2, Colorado

FEB - 6 1956

Re: Docket No. DMEA-4135 (Uranium)
Nuevo Mundo Mining Company
Eureka Claims, et al.
Garfield County, Utah

Dear Mr. Traver:

The captioned application is referred to your office for either a Field Team report on the proposed project or the Field Team's recommendations based on information available to your office. Certain information has been requested from the Applicant. However, you may desire to schedule an examination based on information available to your office prior to the receipt of this requested information.

Enclosed are copies of memoranda, dated January 27 and February 2, 1956, from Mr. John E. Crawford, USBM, and Mr. M. E. Nelson, USGS, respectively, relating to the subject project.

If the Field Team recommends an exploration program as proposed or revised by the Applicant and drilling is to be done by an independent contractor, we will require bids from three drilling contractors to do the drilling.

You will note that the Applicant requests the return of the assay report marked Exhibit "D". From our letter to the Applicant you will note that we plan to return said exhibit when the case has been acted upon. You may at that time forward your two copies to this office and we will return all four copies together.

Sincerely yours,

W. S. Martin

ACTING Chairman, Operating Committee

Enclosures

APPROVED:

/s/ Robert W. Geehan

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

FMM
FLKnouse/izm 2-2-56
cc to: Docket
Code 700
Mr. Knouse
Admr.'s Reading File
Operating Committee
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.G.

2-2-56 dzm

IN REPLY REFER TO:

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

February 2, 1956

Re: DMEA 4135
Nuevo Mundo Mining Co.
Claire Alayne Group
Garfield Co., Utah
Uranium

Memorandum

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

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

Subject: Review of application.

The applicant has submitted a request for Government participation in an indefinite exploration program. The work proposed is core drilling from setups on the Chinle formation into and through the Shinarump, " . . . to obtain core samples from the Shinarump stream channel running subsurface wise throughout the claims."

No data are given that support the channel theory. An assay certificate of the AEC lists two samples from "North of Hite, Utah." --

Sample No.	% U_3O_8e	% U_3O_8c
43350-A	0.34	0.31
43351-B	0.12	0.05

No information is given as to how the samples were taken and what they represent. Presumedly there are no channel outcrops on the referenced property since it is a "sub-surface" feature, but from Exhibit 'A' it would seem that the top of the Shinarump is exposed in rims. Three 'hot spots' are shown on the Exhibit A map, one of which is on the property. As they are widely separated a channel cannot be inferred.

No definite drilling program is set up and no over-all estimates of the costs of the program have been made.

The applicant should be asked for further information. A field examination may or may not be necessary for an appraisal but referral to the Field Team for an opinion is recommended.

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

February 2, 1956

Re: DMEA 4135
Nuevo Mundo Mining Co.
Claire Alayne Group
Garfield Co., Utah
Uranium

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No definite drilling program is set up and no over-all estimates of the costs of the program have been made.

The applicant should be asked for further information. A field examination may or may not be necessary for an appraisal but referral to the Field Team for an opinion is recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-2/2/56

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3) ✓
Docket file
J. E. Crawford, 3641
J. O. Hosted, 3210

1/30/56 gla

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

RECEIVED
JAN 30 1956

January 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4445

From: John E. Crawford, Bureau of Mines Member
Uranium Commodity Committee

Subject: Application for assistance, DMEA Docket 4135, Nuevo Mundo Mining Company, Henry Mountain Mining District, Garfield County, Utah

I have reviewed the attached application of Nuevo Mundo Mining Company, DMEA Docket 4135, dated January 16 and received in this office January 20. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Nuevo Mundo Mining Company is desirous of exploring the Claire Alayne, Beverly, and Eureka group of claims in the Henry Mountain Mining District, Garfield County, Utah. The company proposes a program of core-drilling "down to the Moenkopi to obtain core samples from the Shinarump stream channel running sub-surface wise throughout the claims." No drilling pattern apparently has been established by the applicant, and sketch maps attached to the application offer little convincing information. An AEC assay report of material said to have been taken from the claims, and which is attached to the application, indicates two samples with a chemical U_3O_8 content of 0.31 and 0.05 percent. The cost of the core-drilling project is not shown.

Thus there is little evidence to support the need for an exploration program on the subject claims; however, on the strength of the assay reports alone, and because the applicant has apparently prepared access roads and conducted some basic prospecting work, we suggest that the application be referred to the Field Team for review and possible examination of the claims. The Field Team should consult with E. R. Gordon, Atomic Energy Commission, Grand Junction, Colorado, for the benefit of any information they may have about the property or the area.

John E Crawford
John E. Crawford

Attachment

January 20, 1956

Subject: DMEA-4135
Re: Exploration Assistance

Nuevo Mundo Mining Company
c/o Levenson, Levenson & Block
835 Bank of America Building
San Diego 1, California

Gentlemen:

The receipt of your application dated January 16, 1956, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4135 and referred to the Rare & Misc. Metals Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

P. S. Only four copies of applications are required, returning the fifth application.

LAW OFFICES
LEVENSON, LEVENSON & BLOCK
SUITE 835 BANK OF AMERICA BUILDING
625, BROADWAY
SAN DIEGO 1, CALIFORNIA

ELI H. LEVENSON
DAVID A. BLOCK
MOREY S. LEVENSON (1910-1955)

TELEPHONE
BELMONT 4-3393

RECEIVED
JAN 20 1956

January 16, 1956

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

Gentlemen:

Re: Nuevo Mundo Mining Company

You will find herewith enclosed an application in quadruplicate executed by A. J. DeSure, General Partner of Nuevo Mundo Mining Company, a limited partnership.

In the event that further information is required we shall be pleased to obtain same and forward it to you without delay.

Very truly yours,

ELI H. LEVENSON, for
Levenson, Levenson & Block

EHL:MK
Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JAN 20 1956

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-4135
Metal or Mineral Uranium
Date Received 1-20-56
Estimated Cost $ no amount given
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: Nuevo Mundo Mining Company, a Limited Partnership, composed of Albert J. DeSure and Richard Hodge, General Partners
Address: c/o Levenson, Levenson & Block, 835 Bank of America Building, San Diego 1, California

(*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. See attached for list of limited partners

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

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

(*b*) State any mine name by which the property is known. None

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Mining claims filed on property described (Government property) recorded at Panguitch, Utah

(*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. See Exhibit "B", photostatic copies of all claims.

(*e*) If you own the land, describe any liens or encumbrances on it On one claim, "Claire Alayne" 8% royalty on net profits of production on this one claim only.

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

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

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

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

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

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

16—66551-1

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

(*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 90 days and be completed within 24 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? See Exhibit "E" attached hereto. The co-partnership was capitalized for $16,000.00.

[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 1-16, 1956

NUEVO MUNDO MINING COMPANY
a Limited Partnership
(Applicant)

By [signature]
General Partner

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

1. (d) Douglas DeSure - 5737 Montezuma Road, San Diego, California
Robert S. Crawford - Agua Caliente via Borrego Springs, California
Hans Lieblich - 36 West 66th St., New York, N. Y.
Murray Lieblich - 36 West 66th St., New York, N. Y.
Carl Lieblich - 36 West 66th St., New York, N. Y.
Leo Krasne - 4876 Adams St., San Diego, California
I. Penter - 2421 Brant St., San Diego, California
Yale Kahn - 4552 E. Talmadge Drive, San Diego, California
Irvin J. Kahn - Bank of America Bldg., San Diego, California
H. Weintraub - c/o Greater Broadway Furniture Co., Los Angeles, Calif.
Stuart Penter - 1025 Diamond, Pacific Beach, San Diego, California
Eli H. Levenson - 835 Bank of America Building, San Diego, Calif.
David A. Block - 835 Bank of America Building, San Diego, Calif.
Limited Partners.

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Albert J. DeSure - 5697 Montezuma Road, San Diego, California
Richard Hodge - 5710 Hardy Way, San Diego, California,
General Partners.

4. (a) There have been no mining operations on the claims aforesaid, however, the following exploration operations have been completed:

1. The access and drilling road has been bulldozed and established to the Claire Allayne claim. Core drilling equipment has been purchased and is on the site and it is anticipated that core drilling operations will be commenced on or before January 15, 1956. All claims have been recorded.

2. Preliminary sampling has been made of the exposed ore bodies and reports made. See assay report attached hereto as Exhibit "D". It is requested that this assay report be returned.

4. (d) All of the claims are contiguous except the Claire Allayne claim. See map, Exhibit "A", all of which claims are within two (2) miles west of Utah Highway No. 95 and the Colorado River. The project is connected by a mine road approximately three-fourths of a mile long. The project is approximately ninety miles to the closest freight terminal at Monticello, Utah and lies within fifteen miles of an A.E.C. buying station located at White Canyon, Utah. Supply and residence points are approximately two miles south of said project.

4. (e) Manpower supplies and equipment are obtainable within a distance of approximately ninety miles, to wit, Blanding, Utah. Colorado river water is approximately two miles from the project and two hundred feet from the residence point. Power is supplied by butane and gasoline.

5. (b) It is proposed to core drill according to pre-planning calculations down to the Moenkopi to obtain core samples from the Shinarrump stream channel running sub-surface wise throughout the claims. See attached Exhibit "A" map and sketches of the property and plan.

5. (d) Robert S. Crawford, who is a maintenance engineer, will act as supervisor of the project. He has had fifteen years of automotive engineering experience, five years of Diesel maintenance experience, three years of prospecting experience, including one year in this general area.

5. (d) Cont'd).

Richard Hodge, one of the co-partners, will assist the supervisor and act as general field manager for the project. He has had approximately two years of prospecting experience, of which one year has been in the general area of the project. He has had three years of college at San Diego State College, San Diego, California, minoring in geology.

Albert J. DeSure, 1 of the general partners and general manager of the Company, has had thirty years of general business experience.

6. (a) None.

(b) Labor:

No.	Class	Rate
2	Drill Helpers	$1.50 per hour
1	Cook	$250.00 per month

Supervision and Engineering:

No.	Class	Rate
1	Supervisor	$300.00 per month
1	MaintenanceEngineer	$325.00 per month
1	Mining Engineer	$750.00 per month
1	Geologist	$750.00 per month.

6. (c) Operating Materials and Supplies:

4 - Shovels	$12.00	Food Supplies	$35.00 week
2 - Picks	8.00	Dynamite	50.00
Drilling Jell	30.00	Caps	25.00
Gasoline and Oil	20.00 per week	Fuses	25.00
Rope	31.00	Claim Posts	50.00
Diesel Fuel	35.00 per month	Cable	50.00
Butane Gas	15.00 per month	Lumber and Nails	50.00

6. (d) Equipment:

To be rented: One of the general partners, to wit, Richard Hodge, is the owner of an aircraft which is being used in the exploration operations on a rental basis with the partnership. The agreement contemplates repairs and maintenance of the aircraft which over the 24 month period will be in the approximate amount of $10.00 per hour. Estimated use of aircraft approximately 100 hours - $1,000.00.

To be purchased and owned by applicant:

1 - D-6 Caterpillar Tractor	$14,813/00
Compressor plus hammers and drills	4,500.00
Truck - (Pick-up)	3,000.00
Portable Light Plant	800.00
Cooking outfit (including butane stove) and eating utensils	250.00
Oil Heater	50.00

6. (d) (Cont'd)

Portable Arc Welder	$615.00	
Portable Gas Welder	218.00	
Carpentry Tools	50.00	
Mechanics Tools	50.00	
Surveyors outfit	260.00	
Field Assay Outfit	25.00	
Tanks (butane and gas)	125.00	
Drills, bits and pipe	1,300.00	$26,056.00

Owned by applicant - Use - Allowance:

1953 Willys ton stake -	$.25 per mile
Longyear 24 Core Drill	3.00 per foot
House Trailer	15.00 per month

(e) Rehabilitation and Repairs:

The equipment owned at the present time includes a Jeep, Core Drilling Equipment and Wenches, House Trailer and Hand Tools. This equipment is comparatively new. Additional equipment as set forth in this application will likewise require repairs and maintenance. The present equipment is in good condition and repairs and maintenance at this time will be nominal, however, over the 24 month period it is estimated that cost of repair of present equipment and equipment to be purchased will be in the approximate amount of $2,500.00

6. (f) New buildings, improvements and installations:

To be constructed:

10 man bunkhouse	$1,300.00	
Cook shack	650.00	
Freezer (food)	875.00	2,825.00

Improvements:

Road Work 2,000.00

6. (g) (Miscellaneous)

Analytical work	$1,000.00 ?	
Accounting	200.00	
Workmen's Compensation	100.00	
Employer's liability insurance	Unknown	
Payroll taxes	Unknown	1,300.00

6. (Cont'd)

(h) Contingencies:

Insurance, Operations, Supply Trips	$5,000.00.

EXHIBIT "B"

DESCRIPTION OF CLAIMS

Claim known as Claire Alayne, described as follows:

Approximately three hundred and fifty feet from Trachite Creek and one half mile from Ranch house. It is marked on the ground as follows, to wit:

Beginning 100 feet, Southerly of this location (Discovery) monument, at the South end center monument and running thence Westerly 300 feet to S-W Corner Monument No. 1
Thence Northerly 1500 feet to N-W Corner Monument No. 2
Thence Easterly 300 feet to North end center monument
Thence Easterly 300 feet to N-E corner monument No. 3
Thence Southerly 1500 feet to S-E corner monument No. 4
Thence Westerly 300 feet to place of beginning.

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Claim known as Doug's , described as follows:

About 1-1/2 miles north of Colorado river and 1 mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 15 feet east of this location (Discovery) Monument, at the east end center monument, and running thence South 250 feet to Southeast corner monument No. 1; thence West 1500 feet to Southwest corner monument No. 2; thence North 250 feet to West end center monument; thence North 250 feet to Northwest corner monument No. 3; thence East 1500 feet to Northeast corner monument No. 4; thence South 250 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Beverly #1, described as follows:

About 1-1/2 miles north of Colorado river and about 1 mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to-wit:

Beginning 100 feet South of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Beverly #2, described as follows:

About 1-1/2 mile north of Colorado river and 1/2 mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from this of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Beverly #3, described as follows:

About 1-1/2 miles north of Colorado river and about 1/2 miles up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from this of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1; thence North 1500 feet to Northwest corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to Northeast corner monument No. 3; thence South 1500 feet to Southeast corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

EXHIBIT "B"

Claim known as Eureka #1, described as follows:

Approximately one and 1/2 mile north of Colorado River and about one mile north up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning at 0 feet at this of this location (Discovery) Monument, at the North end center monument, and running thence West 300 feet to Northwest corner monument No. 1;
thence South 1500 feet to Southwest corner monument No. 2;
thence East 300 feet to South end center monument;
thence East 300 feet to Southeast corner monument No. 3;
thence North 1500 feet to Northeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #2, described as follows:

About one & 1/2 miles north of Colorado River and about one mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning at 0 feet at this monument of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #3, described as follows:

About one & 1/2 mile north of Colorado River and about one mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to-wit:

Beginning at 0 feet at this monument of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #4, described as follows:

About 1 mile north of Trichyte Creek on top of Wingate Butte in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1; thence North 1500 feet to N. W. corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to N. E. corner monument No. 3; thence South 1500 feet to S. E. corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #5, described as follows:

About 1-1/4 miles north of Colorado river on top of Wingate Butte, in the Henry Mountains Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to-wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1; thence North 1500 feet to N. W. corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to N. E. corner monument No. 3; thence South 1500 feet to S. E. corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #6, described as follows:

About 1-1/2 miles north of Colorado river on top of Wingate Butte, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1; thence North 1500 feet to N. W. corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to N. E. corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #7, described as follows:

About 1-3/4 miles north of Colorado River on top of Wingate Butte in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1;
thence North 1500 feet to N. W. corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to N.E. corner monument No. 3;
thence South 1500 feet to S.E. corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

ALL OF THE ABOVE MENTIONED CLAIMS ARE LOCATED IN THE COUNTY OF GARFIELD, STATE OF UTAH, AND HAVE BEEN RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF GARFIELD, STATE OF UTAH.

EXHIBIT "C"

Description of Claim	Recorded in Garfield County, Utah in Book No.	Page No.
Dougs Claim	91	509
Beverly #1	91	511
Beverly #2	91	513
Beverly #3	91	515
Eureka #1	91	517
Eureka #2	91	519
Eureka #3	91	521
Eureka #4	91	523
Eureka #5	91	525
Eureka #6	91	526
Eureka #7	91	529
Claire Alayne	91	507

EXHIBIT "E"

Applicant co-partnership was capitalized for $16,000.00, all of which sum was paid in and which was used in said project. Of said $16,000.00 the following sums have been paid out:

Date	Paid To	For	Cost	Total
4/7/55	R. Hodge	General Expense	$140.00	
4/7/55	Krasne's	Supplies and Equipment	91.22	
4/9/55	Superior Gems	Geiger Rental	5.00	
4/11/55	" "	" "	5.00	
4/16/55	George's	Minerlite Rental	4.00	
4/22/55	"	Pick & Minerlite Book Rental	6.87	
4/27/55	Telephone	Long Distance	3.55	$ 255.64
5/11/55	Krasne's	Equipment Scintilater	$324.28	
5/31/55	R. Hodge	Travel Expense & Equipment	200.00	
5/31/55	Klauber Wag.	Food	99.02	623.30
6/5/55	Levenson, Levenson & Block	Legal Fees	$ 35.00	
6/6/55	R. Hodge	General Expense	20.00	
6/11/55	Telephone	Long Distance	6.20	61.20
7/3/55	Kaiser Co.	Tarp for Truck	$ 40.00	
7/5/55	Osborn Drug	First Aid Kit	20.00	60.00
8/6/55	Telephone Co.	Long Distance	$ 11.75	
8/9/55	" "	" "	8.75	
8/10/55	Krasne's	Equipment	27.52	
8/10/55	United Air Line	Transportation	87.45	
8/11/55	Telephone Co.	Long Distance	7.40	
8/11/55	" "	" "	2.40	
8/10/55	Avis Car Co.	Auto Rental	48.90	
8/12/55	Telephone Co.	Long Distance	7.40	
8/12/55	Western Air Line	Transportation	40.04	
8/11/55	West Motel	Lodging	9.00	
8/12/55	Food	Food	30.00	
8/11/55	United Air Line	Transportation	64.68	
8/16/55	County Recorder	Filing Claims	2.80	348.09
		Carried Forward		$1,348.23

EXHIBIT "E" (Cont'd)

Date	Paid To	For	Cost	Total
		Brought Forward		$1,348.23
9/12/55	County Recorder	Filing Claims	$5.60	
9/12/55	Telephone Co.	Long Distance	14.75	
9/12/55	R. Nielson	For one claim	100.00	
9/12/55	R. Crawford	Travel & Exp.	100.00	
9/21/55	Krasne's	Equipment	10.00	
9/24/55	"	"	6.30	
9/26/55	S. D. Trailer	Plug	.97	
9/21/55	Auto Supply	Putty	.41	
9/21/55	S. D. Glass	Knife	.16	
9/24/55	Tool Rental Co.	Rent Spray	2.50	
9/23/55	F. J. Hardware	Tape	.73	
9/22/55	Tool Rental	Rent Spray	3.00	
9/26/55	S. D. Office Co.	Ledger	1.60	
9/27/55	Book Store	Mining Books	15.00	
9/27/55	R. Hodge	Claim papers - tractor, Comp.	9.50	
9/28/55	R. Hodge	Trailer	495.00	
9/28/55	R. Hodge	'53 Willys Truck	1100.00	1,865.52
10/1/55	R. Hodge	General Expense	13.90	
10/7/55	A 1 Printers	Printing	27.87	
10/18/55	R. Hodge	Painting - Gas & Rental	91.54	
10/19/55	Klauber Wagenheim	Food Supply	122.69	
10/18/55	A. DeSure	Expense to Vegas with Boys	30.00	
10/18/55	R. Hodge	Travel Expense	34.12	
10/20/55	R. Crawford	Advance	200.00	
10/21/55	Crawford-Hodge	Advance on general expenses	200.00	
10/21/55	R. Hodge	Advance	25.00	
10/21/55	Hudson Equip. Co.	Engine & Pump	108.94	
10/21/55	Engineers Co.	Steel Tape	38.66	
10/21/55	Welding, Bomg Hoist, etc.		145.26	1,037.98
10/12/55	Bowerfind Turentine	Drum	6.18	
10/21/55	Radio Parts Co.	Battery & Cells	1.36	
10/19/55	M. D. Goodrich	2 Tanks	20.80	
10/26/55	R. Hodge	Freight for equip.	203.72	
10/26/55	Telephone Co.	Long Distance	12.45	
10/28/55	Amer. Express	Filing Claims	26.85	
10/11/55	R. Hodge	Expense for equipment	81.20	
11/1/55	A 1 Printers	Printing	4.68	
11/2/55	Insurance	Insurance	108.25	
11/3/55	S. D. Trailer Supply	Repair trailer	63.15	528.64
		Carried Forward		$4,780.37

EXHIBIT "E" (Cont'd)

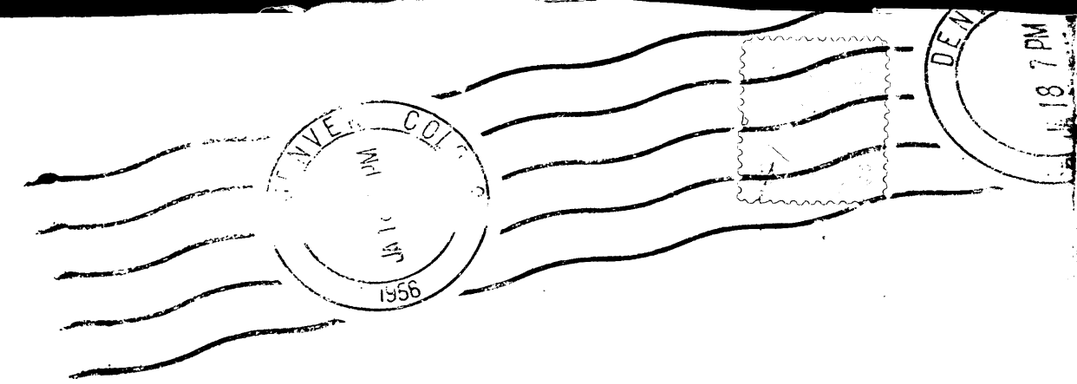
Date	Paid To	For	Cost	Total
		Brought Forward		$4,780.37
11/12/55	R. Crawford	Freight and gen. expense	$203.86	
11/16/55	D. Stotsky	Insurance	83.50	
11/16/55	Telephone Co.	Long Distance	7.10	
11/16/55	R. Crawford	Advance	200.00	
11/16/55	R. Hodge	Advance	25.00	519.46
10/8/55	S.D. Trailer Co.	Expense on trailer	64.15	
10/8/55	S. Painting	Lettering Trailer	10.00	
10/8/55	Harringtons	Butane Refrigerator	70.20	
10/20/55	Standard Oil Co.	Gas for plane & jeep	61.76	206.11
11/1/55	E.J. Longyear	Drilling Accessories	1258.84	
10/20/55	E. J. Longyear	Diamond Core Drill	3374.20	
		Freight Charges	85.28	
10/20/55	Krasne's	Supplies	16.50	
11/21/55	Wayco-May Co.	Scaffolding	132.22	
12/3/55	Sears	Tire Pump	7.52	
12/7/55	R. Hodge	Advance	25.00	
12/7/55	R. Crawford	Advance	200.00	
12/8/55	Levenson, Levenson & Block	Legal Expense	6.40	
12/19/55	Gould Machinery	Drilling Supplies	61.67	
12/21/55	Waco-May Co.	Scaffolding	61.28	
11/22/55	Al Archard	Winch	327.60	5,556.51
		Total		$11,062.45

Capitalization	$16,000.00
Expended	11,062.45
Balance on hand	$ 4,937.55

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

OFFICIAL BUSINESS

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO



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

Crawford

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
JAN 20 1956

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-4135
Metal or Mineral Uranium
Date Received 1-20-56
Estimated Cost no amount given
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: Nuevo Mundo Mining Company, a Limited Partnership, composed of Albert J. DeSure and Richard Hodge, General Partners
Address: c/o Levenson, Levenson & Block, 835 Bank of America Building, San Diego 1, California

(*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. See attached for list of limited partners

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

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

(*b*) State any mine name by which the property is known. None

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Mining claims filed on property described (Government property) recorded at Panguitch, Utah

(*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. See Exhibit "B", photostatic copies of all claims.

(*e*) If you own the land, describe any liens or encumbrances on it On one claim, "Claire Alayne" 8% royalty on net profits of production on this one claim only.

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

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

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. None

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

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

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

16—66551-1

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

(*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 90 days and be completed within 24 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? See Exhibit "E" attached hereto. The co-partnership was capitalized for $16,000.00.

[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 1-16-, 1956

NUEVO MUNDO MINING COMPANY
a Limited Partnership
(Applicant)

By [signature]
General Partner

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

1. (d) Douglas DeSure - 5737 Montezuma Road, San Diego, California
Robert S. Crawford - Agua Caliente via Borrego Springs, California
Hans Lieblich - 36 West 66th St., New York, N. Y.
Murray Lieblich - 36 West 66th St., New York, N. Y.
Carl Lieblich - 36 West 66th St., New York, N. Y.
Leo Krasne - 4876 Adams St., San Diego, California
I. Penter - 2421 Brant St., San Diego, California
Yale Kahn - 4552 E. Talmadge Drive, San Diego, California
Irvin J. Kahn - Bank of America Bldg., San Diego, California
H. Weintraub - c/o Greater Broadway Furniture Co., Los Angeles, Calif.
Stuart Penter - 1025 Diamond, Pacific Beach, San Diego, California
Eli M. Levenson - 835 Bank of America Building, San Diego, Calif.
David A. Block - 835 Bank of America Building, San Diego, Calif.
Limited Partners.

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JAN 20 1956

Albert J. DeSure - 5697 Montezuma Road, San Diego, California
Richard Hodge - 5710 Hardy Way, San Diego, California,
General Partners.

4. (a) There have been no mining operations on the claims aforesaid, however, the following exploration operations have been completed:

1. The access and drilling road has been bulldozed and established to the Claire Allayne claim. Core drilling equipment has been purchased and is on the site and it is anticipated that core drilling operations will be commenced on or before January 15, 1956. All claims have been recorded.

2. Preliminary sampling has been made of the exposed ore bodies and reports made. See assay report attached hereto as Exhibit "D". It is requested that this assay report be returned.

4. (d) All of the claims are contiguous except the Claire Allayne claim. See map, Exhibit "A", all of which claims are within two (2) miles west of Utah Highway No. 95 and the Colorado River. The project is connected by a mine road approximately three-fourths of a mile long. The project is approximately ninety miles to the closest freight terminal at Monticello, Utah and lies within fifteen miles of an A.E.C. buying station located at White Canyon, Utah. Supply and residence points are approximately two miles south of said project.

4. (e) Manpower supplies and equipment are obtainable within a distance of approximately ninety miles, to wit, Blanding, Utah. Colorado river water is approximately two miles from the project and two hundred feet from the residence point. Power is supplied by butane and gasoline.

5. (b) It is proposed to core drill according to pre-planning calculations down to the Moenkopi to obtain core samples from the Shinarrump stream channel running sub-surface wise throughout the claims. See attached Exhibit "A" map and sketches of the property and plan.

5. (d) Robert S. Crawford, who is a maintenance engineer, will act as supervisor of the project. He has had fifteen years of automotive engineering experience, five years of Diesel maintenance experience, three years of prospecting experience, including one year in this general area.

5. (d) Cont'd).

Richard Hodge, one of the co-partners, will assist the supervisor and act as general field manager for the project. He has had approximately two years of prospecting experience, of which one year has been in the general area of the project. He has had three years of college at San Diego State College, San Diego, California, minoring in geology.

Albert J. DeSure, 1 of the general partners and general manager of the Company, has had thirty years of general business experience.

6. (a) None.

(b) Labor:

No.	Class	Rate
2	Drill Helpers	$1.50 per hour
1	Cook	$250.00 per month

Supervision and Engineering:

No.	Class	Rate
1	Supervisor	$300.00 per month
1	MaintenanceEngineer	$325.00 per month
1	Mining Engineer	$750.00 per month
1	Geologist	$750.00 per month.

6. (c) Operating Materials and Supplies:

4 - Shovels	$12.00	Food Supplies	$35.00 week
2 - Picks	8.00	Dynamite	50.00
Drilling Jell	30.00	Caps	25.00
Gasoline and Oil	20.00 per week	Fuses	25.00
Rope	31.00	Claim Posts	50.00
Diesel Fuel	35.00 per month	Cable	50.00
Butane Gas	15.00 per month	Lumber and Nails	50.00

6. (d) Equipment:

To be rented: One of the general partners, to wit, Richard Hodge, is the owner of an aircraft which is being used in the exploration operations on a rental basis with the partnership. The agreement contemplates repairs and maintenance of the aircraft which over the 24 month period will be in the approximate amount of $10.00 per hour. Estimated use of aircraft approximately 100 hours - $1,000.00.

To be purchased and owned by applicant:

1 - D-6 Caterpillar Tractor	$14,813/00
Compressor plus hammers and drills	4,500.00
Truck - (Pick-up)	3,000.00
Portable Light Plant	800.00
Cooking outfit (including butane stove) and eating utensils	250.00
Oil Heater	50.00

6. (d) (Cont'd)

Portable Arc Welder	$615.00	
Portable Gas Welder	218.00	
Carpentry Tools	50.00	
Mechanics Tools	50.00	
Surveyors outfit	260.00	
Field Assay Outfit	25.00	
Tanks (butane and gas)	125.00	
Drills, bits and pipe	1,300.00	$26,056.00

Owned by applicant - Use - Allowance:

1953 Willys ton stake -	$.25 per mile
Longyear 24 Core Drill	3.00 per foot
House Trailer	15.00 per month

(e) Rehabilitation and Repairs:

The equipment owned at the present time includes a Jeep, Core Drilling Equipment and Wenches, House Trailer and Hand Tools. This equipment is comparatively new. Additional equipment as set forth in this application will likewise require repairs and maintenance. The present equipment is in good condition and repairs and maintenance at this time will be nominal, however, over the 24 month period it is estimated that cost of repair of present equipment and equipment to be purchased will be in the approximate amount of $2,500.00

6. (f) New buildings, improvements and installations:

To be constructed:

10 man bunkhouse	$1,300.00	
Cook shack	650.00	
Freezer (food)	875.00	2,825.00

Improvements:

Road Work 2,000.00

6. (g) (Miscellaneous)

Analytical work	$1,000.00	
Accounting	200.00	
Workmen's Compensation	100.00	
Employer's liability insurance	Unknown	
Payroll taxes	Unknown	1,300.00

6. (Cont'd)

(h) Contingencies:

Insurance, Operations, Supply Trips	$5,000.00.

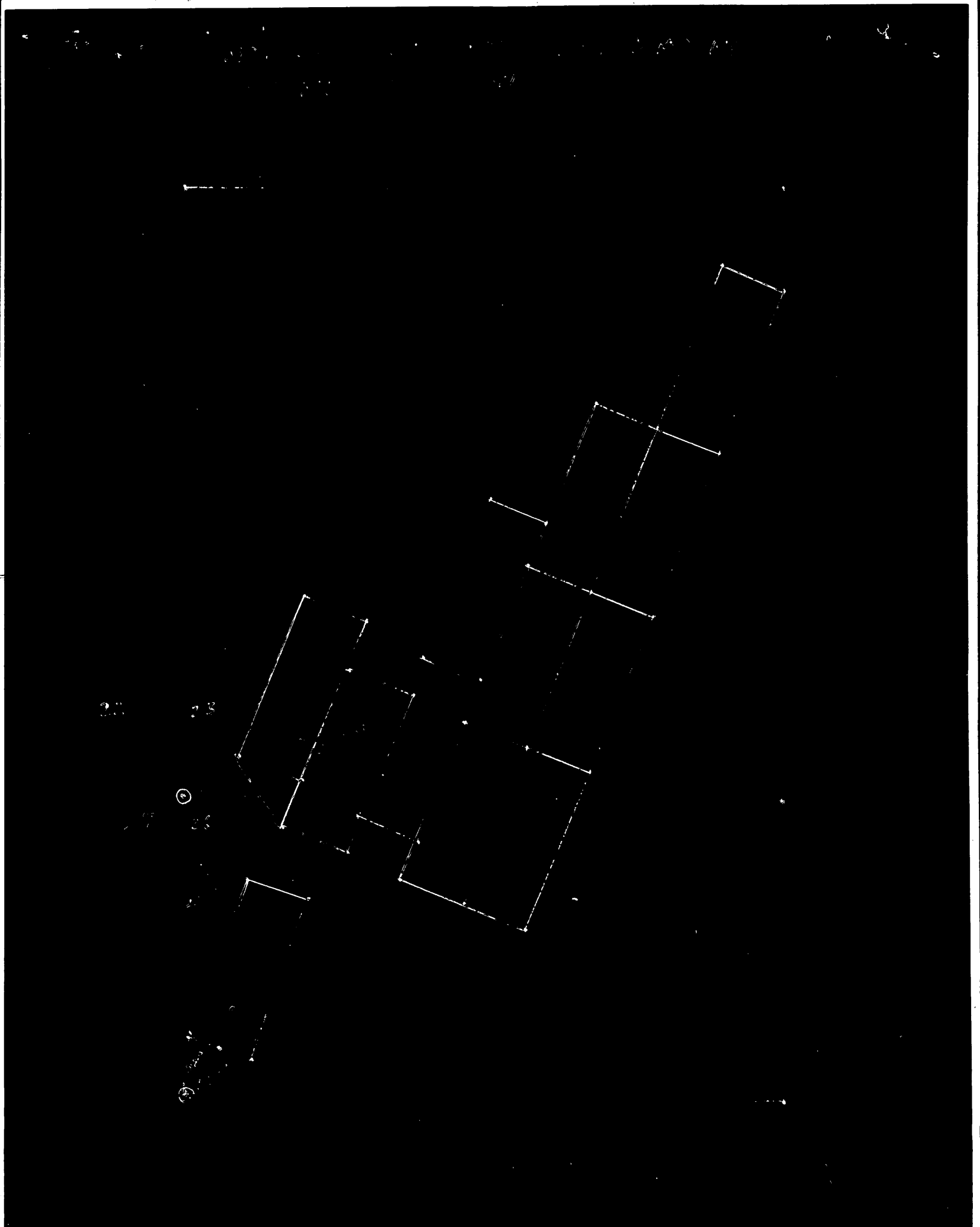

EXHIBIT "A"

RECEIVED
JAN 20 1956

TRUE COPY
ROBERTS CO.
JAN 11 1956
P. Davies

EXHIBIT "A"

GEOLOGIC MAP

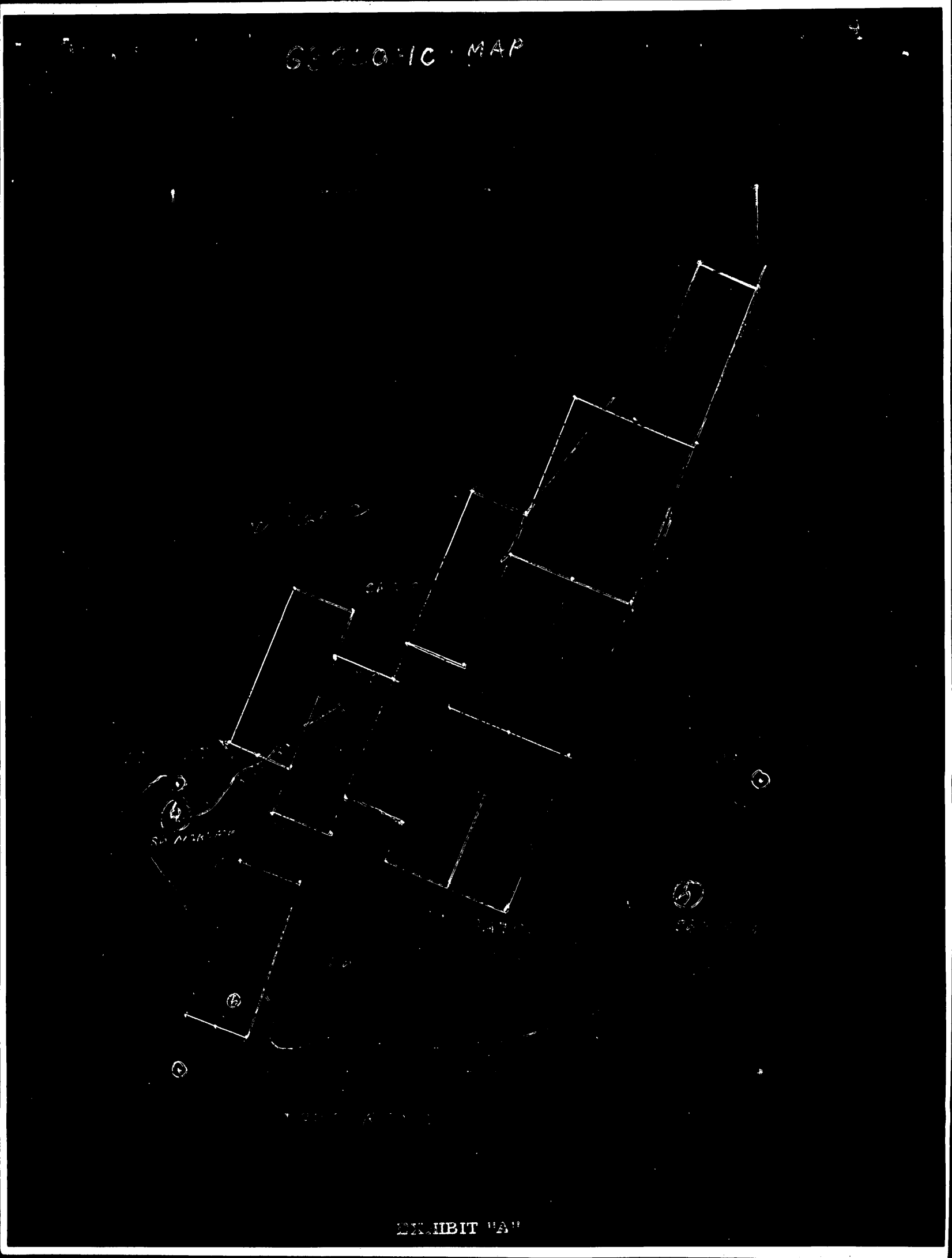

EXHIBIT "A"

LE COPY
BY
RODNEY STOKES CO.
870 THIRD AVENUE
SAN DIEGO

JAN 11 1956

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JAN 20 1956

EXHIBIT "B"

DESCRIPTION OF CLAIMS

Claim known as Claire Alayne, described as follows:

Approximately three hundred and fifty feet from Trachite Creek and one half mile from Ranch house. It is marked on the ground as follows, to wit:

Beginning 100 feet, Southerly of this location (Discovery) monument, at the South end center monument and running thence Westerly 300 feet to S-W Corner Monument No. 1
Thence Northerly 1500 feet to N-W Corner Monument No. 2
Thence Easterly 300 feet to North end center monument
Thence Easterly 300 feet to N-E corner monument No. 3
Thence Southerly 1500 feet to S-E corner monument No. 4
Thence Westerly 300 feet to place of beginning.

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Claim known as Doug's, described as follows:

About 1-1/2 miles north of Colorado river and 1 mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 15 feet east of this location (Discovery) Monument, at the east end center monument, and running thence South 250 feet to Southeast corner monument No. 1; thence West 1500 feet to Southwest corner monument No. 2; thence North 250 feet to West end center monument; thence North 250 feet to Northwest corner monument No. 3; thence East 1500 feet to Northeast corner monument No. 4; thence South 250 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Beverly #1, described as follows:

About 1-1/2 miles north of Colorado river and about 1 mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to-wit:

Beginning 100 feet South of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Beverly #2, described as follows:

About 1-1/2 mile north of Colorado river and 1/2 mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from this of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Beverly #3, described as follows:

About 1-1/2 miles north of Colorado river and about 1/2 miles up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from this of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1; thence North 1500 feet to Northwest corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to Northeast corner monument No. 3; thence South 1500 feet to Southeast corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

EXHIBIT "B"

Claim known as Eureka #1, described as follows:

Approximately one and 1/2 mile north of Colorado River and about one mile north up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning at 0 feet at this of this location (Discovery) Monument, at the North end center monument, and running thence West 300 feet to Northwest corner monument No. 1;
thence South 1500 feet to Southwest corner monument No. 2;
thence East 300 feet to South end center monument;
thence East 300 feet to Southeast corner monument No. 3;
thence North 1500 feet to Northeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #2, described as follows:

About one & 1/2 miles north of Colorado River and about one mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning at 0 feet at this monument of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #3, described as follows:

About one & 1/2 mile north of Colorado River and about one mile up Rainbow Canyon, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to-wit:

Beginning at 0 feet at this monument of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to Southwest corner monument No. 1;
thence North 1500 feet to Northwest corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to Northeast corner monument No. 3;
thence South 1500 feet to Southeast corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #4, described as follows:

About 1 mile north of Trichyte Creek on top of Wingate Butte in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1; thence North 1500 feet to N. W. corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to N. E. corner monument No. 3; thence South 1500 feet to S. E. corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #5, described as follows:

About 1-1/4 miles north of Colorado river on top of Wingate Butte, in the Henry Mountains Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to-wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1; thence North 1500 feet to N. W. corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to N. E. corner monument No. 3; thence South 1500 feet to S. E. corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #6, described as follows:

About 1-1/2 miles north of Colorado river on top of Wingate Butte, in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1; thence North 1500 feet to N. W. corner monument No. 2; thence East 300 feet to North end center monument; thence East 300 feet to N. E. corner monument No. 4; thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

Claim known as Eureka #7, described as follows:

About 1-3/4 miles north of Colorado River on top of Wingate Butte in the Henry Mountain Mining District, Garfield County, State of Utah, the location being described and marked on the ground as follows, to wit:

Beginning 0 feet from of this location (Discovery) Monument, at the South end center monument, and running thence West 300 feet to S. W. corner monument No. 1;
thence North 1500 feet to N. W. corner monument No. 2;
thence East 300 feet to North end center monument;
thence East 300 feet to N.E. corner monument No. 3;
thence South 1500 feet to S.E. corner monument No. 4;
thence West 300 feet to place of beginning; including all Dips, Spurs, Angles and Variations.

ALL OF THE ABOVE MENTIONED CLAIMS ARE LOCATED IN THE COUNTY OF GARFIELD, STATE OF UTAH, AND HAVE BEEN RECORDED IN THE OFFICE OF THE COUNTY RECORDER OF THE COUNTY OF GARFIELD, STATE OF UTAH.

EXHIBIT "C"

Description of Claim	Recorded in Garfield County, Utah in Book No.	Page No.
Dougs Claim	91	509
Beverly #1	91	511
Beverly #2	91	513
Beverly #3	91	515
Eureka #1	91	517
Eureka #2	91	519
Eureka #3	91	521
Eureka #4	91	523
Eureka #5	91	525
Eureka #6	91	526
Eureka #7	91	529
Claire Alayne	91	507

EXHIBIT "C"

EXHIBIT "E"

Applicant co-partnership was capitalized for $16,000.00, all of which sum was paid in and which was used in said project. Of said $16,000.00 the following sums have been paid out:

Date	Paid To	For	Cost	Total
4/7/55	R. Hodge	General Expense	$140.00	
4/7/55	Krasne's	Supplies and Equipment	91.22	
4/9/55	Superior Gems	Geiger Rental	5.00	
4/11/55	" "	" "	5.00	
4/16/55	George's	Minerlite Rental	4.00	
4/22/55	"	Pick & Minerlite Book Rental	5.87	
4/27/55	Telephone	Long Distance	3.55	$ 255.64
5/11/55	Krasne's	Equipment Scintillator	$324.28	
5/31/55	R. Hodge	Travel Expense & Equipment	200.00	
5/31/55	Klauber Wag.	Food	99.02	623.30
6/5/55	Levenson, Levenson & Block	Legal Fees	$ 35.00	
6/6/55	R. Hodge	General Expense	20.00	
6/11/55	Telephone	Long Distance	6.20	61.20
7/5/55	Kaiser Co.	Tarp for Truck	$ 40.00	
7/5/55	Osborn Drug	First Aid Kit	20.00	60.00
8/6/55	Telephone Co.	Long Distance	$ 11.75	
8/9/55	" "	" "	8.75	
8/10/55	Krasne's	Equipment	27.52	
8/10/55	United Air Line	Transportation	87.45	
8/11/55	Telephone Co.	Long Distance	7.40	
8/11/55	" "	" "	2.40	
8/10/55	Avis Car Co.	Auto Rental	48.90	
8/12/55	Telephone Co.	Long Distance	7.40	
8/12/55	Western Air Line	Transportation	40.06	
8/11/55	West Motel	Lodging	9.00	
8/12/55	Food	Food	30.00	
8/11/55	United Air Line	Transportation	64.68	
8/15/55	County Recorder	Filing Claims	2.80	348.09
		Carried Forward		$1,348.23

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EXHIBIT "E" (Cont'd)

Date	Paid To	For	Cost	Total
		Brought Forward		$1,348.23
9/12/55	County Recorder	Filing Claims	$5.60	
9/12/55	Telephone Co.	Long Distance	14.75	
9/12/55	R. Nielson	For one claim	100.00	
9/12/55	R. Crawford	Travel & Exp.	100.00	
9/21/55	Krasne's	Equipment	10.00	
9/24/55	"	"	6.30	
9/26/55	S.D. Trailer	Plug	.97	
9/21/55	Auto Supply	Putty	.41	
9/21/55	S. D. Glass	Knife	.16	
9/24/55	Tool Rental Co.	Rent Spray	2.50	
9/23/55	F.J. Hardware	Tape	.73	
9/22/55	Tool Rental	Rent Spray	3.00	
9/26/55	S. D. Office Co.	Ledger	1.60	
9/27/55	Book Store	Mining Books	15.00	
9/27/55	R. Hodge	Claim papers - tractor, Comp.	9.50	
9/28/55	R. Hodge	Trailer	495.00	
9/28/55	R. Hodge	'53 Willys Truck	1100.00	1,865.52
10/1/55	R. Hodge	General Expense	13.90	
10/7/55	A 1 Printers	Printing	27.87	
10/18/55	R. Hodge	Painting - Gas & Rental	91.54	
10/19/55	Klauber Wagenheim	Food Supply	122.69	
10/18/55	A. DeSure	Expense to Vegas with Boys	30.00	
10/18/55	R. Hodge	Travel Expense	34.12	
10/20/55	R. Crawford	Advance	200.00	
10/21/55	Crawford-Hodge	Advance on general expenses	200.00	
10/21/55	R. Hodge	Advance	25.00	
10/21/55	Hudson Equip. Co.	Engine & Pump	108.94	
10/21/55	Engineers Co.	Steel Tape	38.66	
10/21/55	Welding, Boing Hoist, etc.		145.26	1,037.98
10/12/55	Bowerfind Turentine	Drum	6.18	
10/21/55	Radio Parts Co.	Battery & Cells	1.36	
10/19/55	M.D. Goodrich	2 Tanks	20.80	
10/26/55	R. Hodge	Freight for equip.	203.72	
10/26/55	Telephone Co.	Long Distance	12.45	
10/28/55	Amer. Express	Filing Claims	26.85	
10/11/55	R. Hodge	Expense for equipment	81.20	
11/1/55	A 1 Printers	Printing	4.68	
11/2/55	Insurance	Insurance	108.25	
11/3/55	S.D. Trailer Supply	Repair trailer	63.15	528.64
		Carried Forward		$4,780.37

EXHIBIT "E" (Cont'd)

Date	Paid To	For	Cost	Total
		Brought Forward		$4,780.37
11/12/55	R. Crawford	Freight and gen. expense	$203.86	
11/16/55	D. Stotsky	Insurance	83.50	
11/16/55	Telephone Co.	Long Distance	7.10	
11/16/55	R. Crawford	Advance	200.00	
11/16/55	R. Hodge	Advance	25.00	619.46
10/8/55	S.D. Trailer Co.	Expense on trailer	64.15	
10/8/55	S. Painting	Lettering Trailer	10.00	
10/8/55	Harringtons	Butane Refrigerator	70.20	
10/20/55	Standard Oil Co.	Gas for plane & jeep	61.76	206.11
11/1/55	E.J. Longyear	Drilling Accessories	1258.84	
10/20/55	E. J. Longyear	Diamond Core Drill	3374.20	
		Freight Charges	85.28	
10/20/55	Krasne's	Supplies	16.50	
11/21/55	Wayco-May Co.	Scaffolding	132.22	
12/3/55	Sears	Tire Pump	7.52	
12/7/55	R. Hodge	Advance	25.00	
12/7/55	R. Crawford	Advance	200.00	
12/8/55	Levenson, Levenson & Block	Legal Expense	6.40	
12/19/55	Gould Machinery	Drilling Supplies	61.67	
12/21/55	Waco-May Co.	Scaffolding	61.28	
11/22/55	Al Archard	Winch	327.60	5,556.51
		Total		$11,062.45

Capitalization	$16,000.00
Expended	11,062.45
Balance on hand	$ 4,937.55

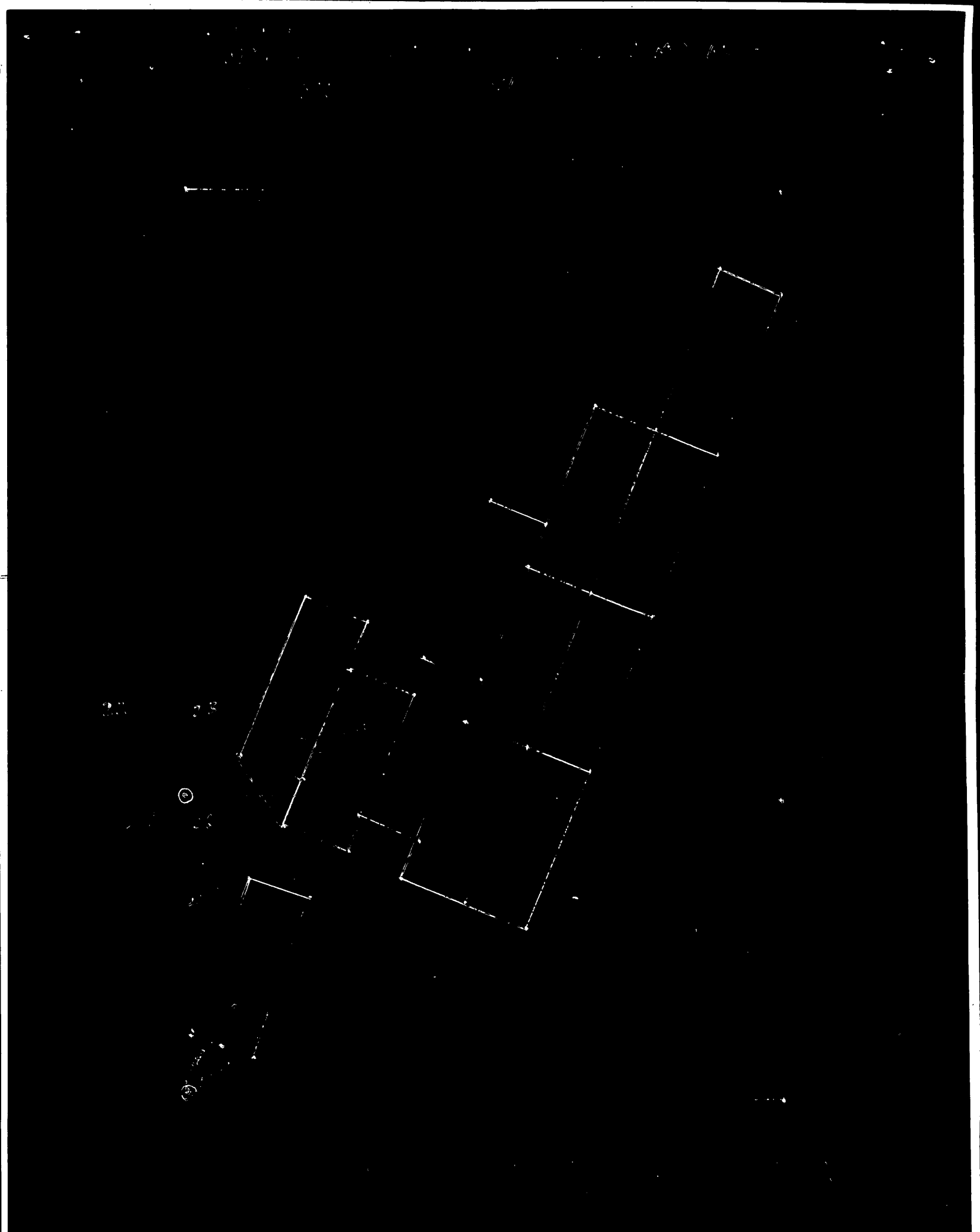


EXHIBIT "A"

TRUE COPY
BY
RODNEY SIBLEY CO.
870 THIRD AVENUE
SAN DIEGO

APR 1 1956

RECEIVED
JAN 2 0 1956

EXHIBIT "A"

GEOLOGIC MAP

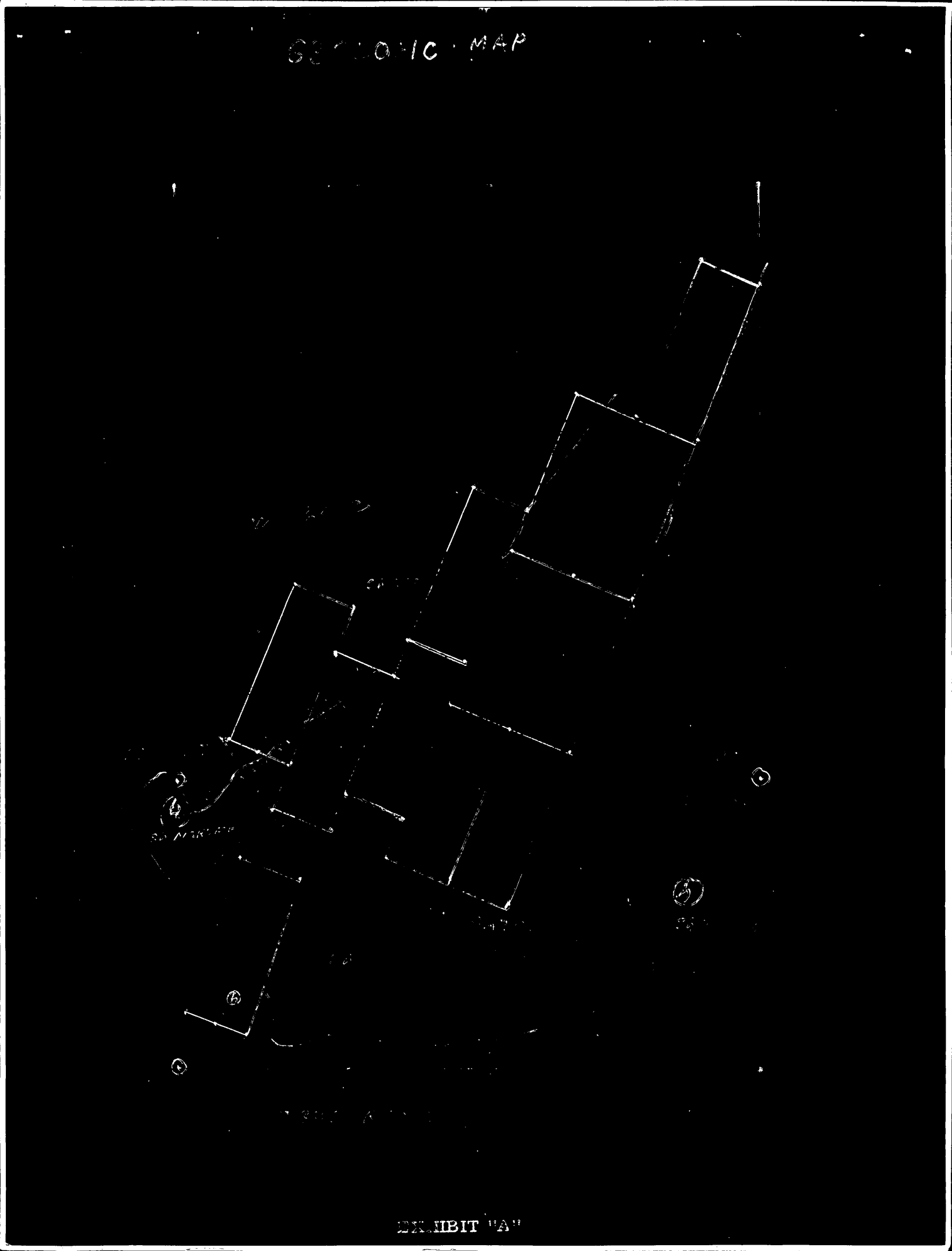
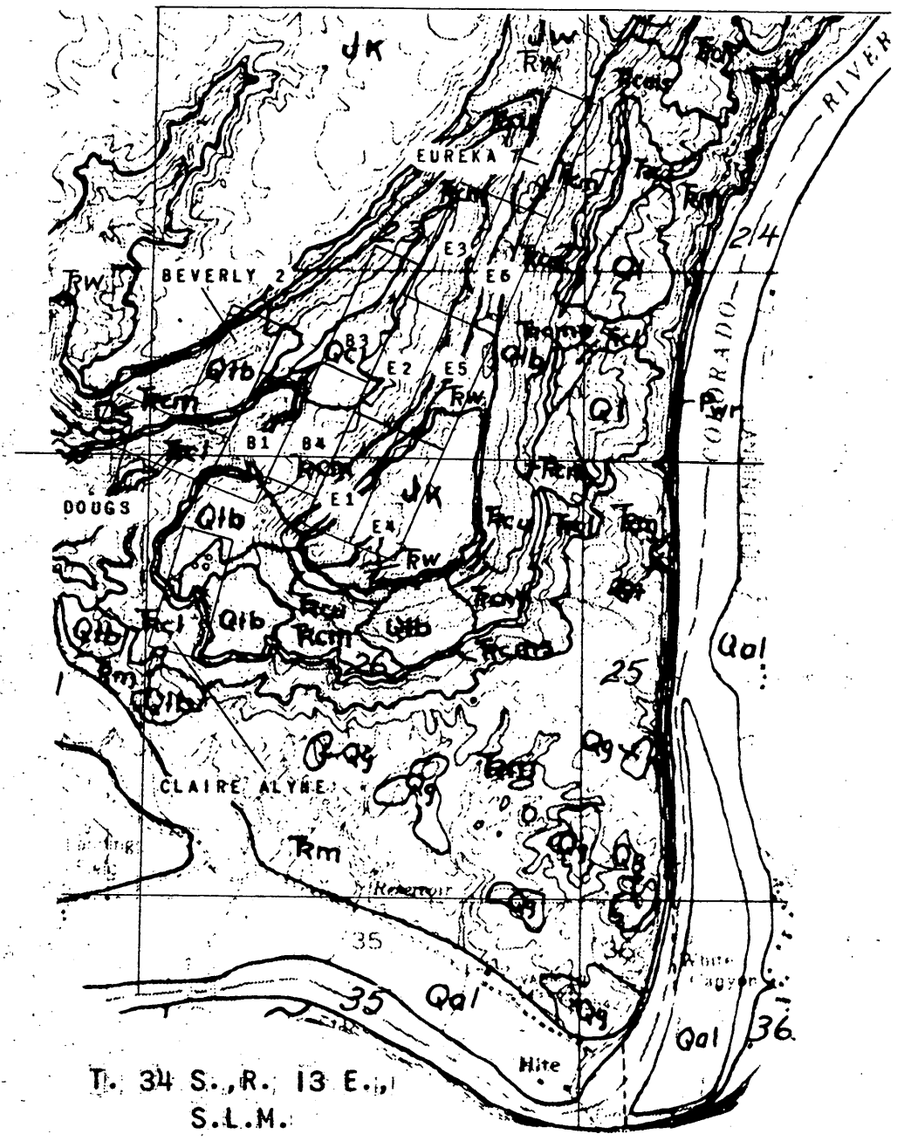


EXHIBIT "A"

TRUE COPY
BY
RODNEY STOKES CO.
870 THIRD AVENUE
SAN DIEGO

JAN 11 1956

RECEIVED
JAN 20 1956



N

EXPLANATION

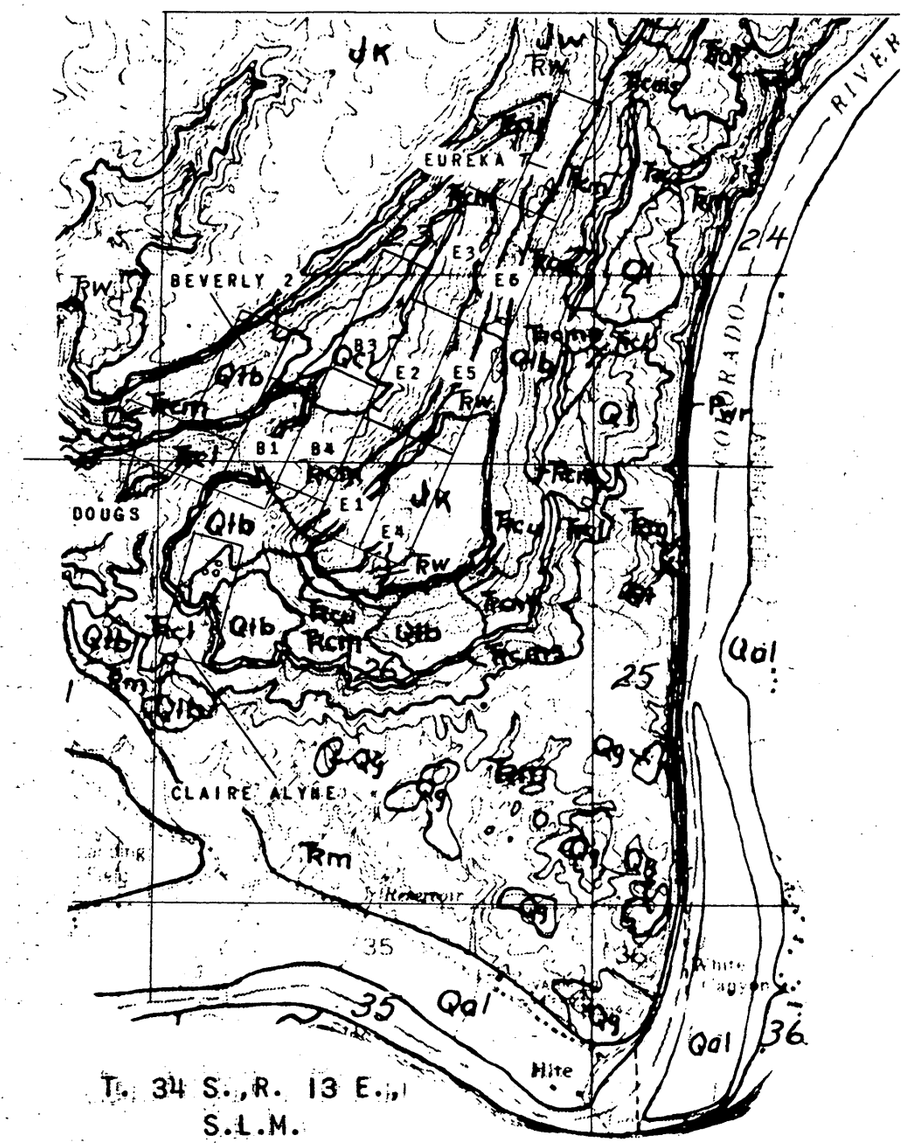
Qg / Ql / Qal / Qcl / Qtb	QUATERNARY DEPOSITS: ALLUVIUM, GRAVEL, LANDSLIDE, COLLUVIUM, AND TALUS BRECCIA
JK	JURASSIC(?) KAYENTA FORMATION
Rw	TRIASSIC WINGATE SANDSTONE
Rcu	TRIASSIC, UPPER CHINLE FORMATION
Rcm	TRIASSIC, MIDDLE CHINLE FORMATION
Rcms	TRIASSIC, EQUIVALENT OF MOSS BACK MEMBER OF CHINLE FORMATION
Rm	TRIASSIC MOENKOPI FORMATION
Pwr	PERMIAN WHITE RIM MEMBER OF CUTLER FORMATION
~	GEOLOGIC CONTACT
∘	EXISTING CORE DRILL HOLE
×	PROPOSED CORE DRILL HOLE

Note: GEOLOGY AFTER R.Q. LEWIS, U.S.G.S. CLAIM BOUNDARIES FROM APPLICANTS MAP.

2000 0 6000 FEET

FIGURE 2. GEOLOGIC MAP SHOWING THE EUREKA CLAIMS, ET AL., NUEVO MUNDO MINING COMPANY, GARFIELD COUNTY, UTAH.

RECEIVED
JUN 20 1956



N

EXPLANATION

Qg, Ql, Qal, Qcl, Qtb	QUATERNARY DEPOSITS: ALLUVIUM, GRAVEL, LANDSLIDE, COLLUVIUM, AND TALUS BRECCIA
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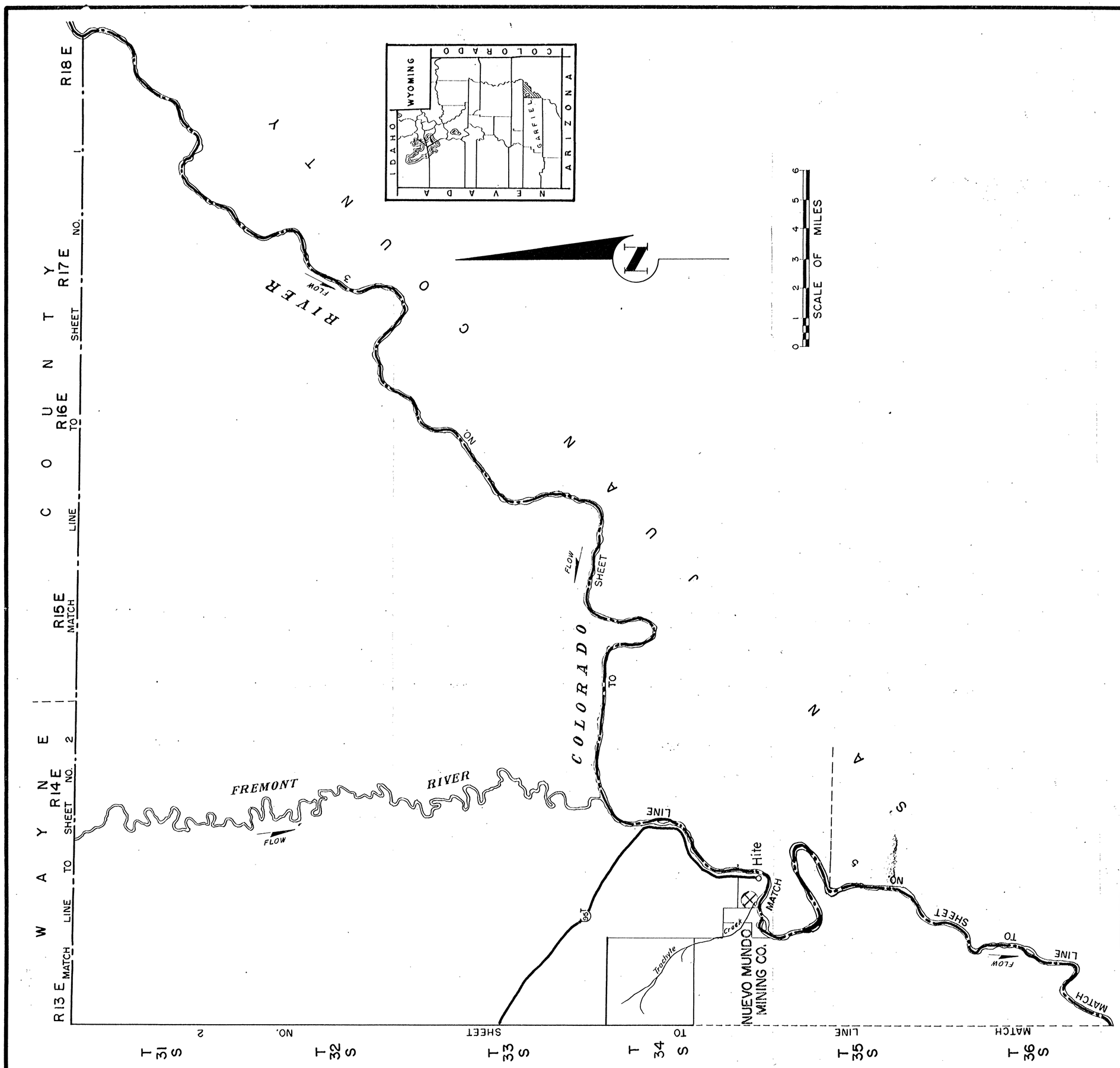

U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1 DMEA Docket No. 4135

STATE: UTAH
COUNTY: GARFIELD
Sheet 1 of 5
Location Map

ENGINEER: W. E. YOUNG	DATE: MAY 9, 1956
TRACED: MAY, 1956, BY: A.P.T.S.	1900-390-C
CHECKED:	