700

FILE COPY
Surname:

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

MAR 13 1956

Mr. Wysong Phillips, Secretary
Textah Uranium, Inc.
1714 Life of America Building
311 South Akard Street
Dallas 1, Texas

Re: Docket No. DMEA-4006 (Uranium)
Mary Dee, et al., groups
San Juan County, Utah

Dear Mr. Phillips:

Reference is made to your application for Government aid in an exploration project on the above-named groups of claims.

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 indicates to us that the probability of disclosing significant ore reserves on your property is not sufficiently promising to justify Government participation in an exploration program. 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.

Sincerely yours,

G. O. Mittendorf

Administrator

FMMurphy/izm 3-12-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
DMEA Field Team, Region III (2)
Messrs. JECrawfordm, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

Docket Copy
700
Murphey

March 12, 1956

SUMMARY OF PROPOSED PROJECT

Object: Denial of application for exploration aid.

Docket No.: DMEA-4006

Commodity: Uranium

Applicant: Textah Uranium, Inc.
c/o Wysong Phillips, Secretary
1714 Life of America Building
Dallas 1, Texas

Property: Applicant has possession by right of a guitclaim deed, with 10% overriding royalty, on claims Mary Dee 1 through 12, First Chance 1 through 10, Hold Up 11 through 14, Violet 1 and 2, Hawk 1 and 2, and Lone Star, situated in secs. 34 and 35, T. 28 S., R. 22 E., S.L.M., San Juan County, Utah.

Date Of Application: August 16, 1955

Applicantion Received: October 7, 1955

Joint memorandum received: November 10, 1955

Referred to Field Team: November 21, 1955

Field Team Report received: February 29, 1956

Amount of Application: $108,212.50

Work Proposed and Costs:

Plug drill 40 holes - 800 feet depth, totaling 3,200 ft. @ $2.50/ft.	$80,000.00	
Core drill, 40 holes - 40 feet each, totaling 1,600 ft. @ $3.50/ft.	5,600.00	
Access roads, bulldozer 50 hrs. @ $12.50/hr.	625.00	
Survey drill sites 100 hrs. @ $13.50/hr.	1,350.00	
Supervision, 6 months @ $1,000/month	6,000.00	
Transportation, 6 months @ $200/month	1,200.00	
Logging 40 hole @ $90.00 each	3,600.00	
Miscellaneous & Contingencies	9,837.50	
Total Estimated Cost of Project		$108,212.50

Excerpts from Field Team Report:

The rock formations cropping out in Hatch Wash just northwest of the claims in ascending order are the Lower Triassic Moenkopi, the Moss Back and Church Rock members of the Triassic Chinle formation, the Triassic

Wingate sandstone, and the Jurassic Kayenta formation. Back from the rims the Jurassic Navajo sandstone forms steeply rounded hills.

The Mossback member of the Chinle is the potential ore-bearing unit and is about 120 feet thick in the outcrops. Although the Mossback sandstone is thick and the associated mudstones are green, it forms a relatively uniform blanket which does not have any prominent channels. Work done by the AEC and USGS show that significant ore bodies found in the Mossback are associated with rapid channeling of the host rock. No large ore bodies have been found in the several miles of rim exposure in the vicinity of the claims.

Two holes were drilled, by the Applicant, near the center of the claim group. Inspection of the Empire Logging Company's gamma ray logs show that both holes are barren and indicate that the Mossback maintains a uniform thickness under the claims with no indication of channeling.

The Field Team recommends the application be denied.

Commodity Members' Comments:

USGS, N. E. Nelson, March 6, 1956:

Concurs in recommendation to deny the application for same reasons as outlined under "Field Team Report" in this summary.

USBM, J. E. Crawford, March 7, 1956:

Mr. Crawford recommends denial of the subject application for same reasons as the "Field Team Report" outlines.

Rare & Miscellaneous Metals Division, F. M. Murphy, March 12, 1956:

The field examiners data indicate that the lithology of the area is favorable but that there is no apparent evidence of channels where significant concentrations of ore might be found. Also, that the surface geology and the drill holes indicate that if any ore bodies occur on the property, they are likely to be small and might present targets 50x50 feet square. Exploration costs for a target of this size at 800foot depths would be prohibitive.

In view of the general unfavorableness of the area this Division concurs in the Field Team's recommendation that the subject application be denied.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

3/9/56 dlm

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

RECEIVED
MAR - 8 1956

March 7, 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: Report of Examination, DMEA Docket 4006, Textah Uranium Company, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star Group of claims, San Juan County, Utah

I have reviewed the report of examination, DMEA Docket 4006, Textah Uranium Company, dated February 24 and received in this office March 1. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant proposed that 40 holes, ranging from 700 to 900 feet in depth, be drilled on the subject claims. The Field Team concluded that, based on known geologic conditions and limited drilling in the area, it appears that the subject claims are not favorably situated and that the work proposed by the applicant would come under the heading of prospecting rather than exploration. The Field Team therefore recommends that the application be denied.

We concur in the recommendation for denial.

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

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

RECEIVED
MAR - 8 1956

March 7, 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: Report of Examination, DMEA Docket 4006, Textah Uranium Company, Mary Bee, First Chance, Hold Up, Violet, Hawk, and Lone Star Group of claims, San Juan County, Utah

I have reviewed the report of examination, DMEA Docket 4006, Textah Uranium Company, dated February 24 and received in this office March 1. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant proposed that 40 holes, ranging from 700 to 900 feet in depth, be drilled on the subject claims. The Field Team concluded that, based on known geologic conditions and limited drilling in the area, it appears that the subject claims are not favorably situated and that the work proposed by the applicant would come under the heading of prospecting rather than exploration. The Field Team therefore recommends that the application be denied.

We concur in the recommendation for denial.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

John E. Crawford

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

RECEIVED
MAR - 8 1956

March 7, 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: Report of Examination, DMEA Docket 4006, Textah Uranium Company, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star Group of claims, San Juan County, Utah

I have reviewed the report of examination, DMEA Docket 4006, Textah Uranium Company, dated February 24 and received in this office March 3. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant proposed that 40 holes, ranging from 700 to 900 feet in depth, be drilled on the subject claims. The Field Team concluded that, based on known geologic conditions and limited drilling in the area, it appears that the subject claims are not favorably situated and that the work proposed by the applicant would come under the heading of prospecting rather than exploration. The Field Team therefore recommends that the application be denied.

We concur in the recommendation for denial.

The report is being forwarded to the Chief, Division of Minerals, in accordance with the routing slip attached thereto.

John E. Crawford

3/7/56 [illegible]

IN REPLY REFER TO:

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

RECEIVED
MAR - 7 1956

March 6, 1956

Re: DMEA 4006
Textah Uranium Company
Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star groups of claims
San Juan County, Utah
$108,212.50 - Uranium

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in exploring by deep drilling a long projection of an ill-defined, if existant, channel in the Moss Back member of the Chinle formation.

The work proposed consists of:

Drilling and access roads	$86,225.00
Labor and supervision	7,350.00
Transportation	1,200.00
Miscellaneous and contingencies	13,437.50
	$108,212.50

40 holes, 800 feet deep were planned. Subsequent to the filing of the application 2 holes were drilled at locations near proposed holes of the application. The holes were drilled through the Chinle formation and radiometric logs show them to be barren. The core logs indicate that the Chinle formation maintains a uniform thickness under the claims.

In support of the application information concerning spots of high radioactivity in the Kayenta formation, high above the Moss Back, was furnished as well as notes on prospects northwest of the property,

where miles of the Moss Back member has been exposed by erosion. No profitable production is recorded for the odd spots where radioactive material has been found and work has been done.

The examiners conclude that no channelling can be inferred and judging by prospecting experience in the canyons where the Moss Back member is exposed, and the results obtained in 2 holes drilled by the applicant, no ore body of a size commensurate with the cost of work to reach and mine it is likely to be found on the referenced claims.

The examiners and the Field Team recommend denial of the application. 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
MAR - 7 1956

March 6, 1956

Re: DMEA 4006
Textak Uranium Company
Mary Dee, First Chance,
Hold Up, Violet, Hawk,
and Lone Star groups
of claims
San Juan County, Utah
$108,212.50 - Uranium

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in exploring by deep drilling a long projection of an ill-defined, if existant, channel in the Moss Back member of the Chinle formation.

The work proposed consists of:

Drilling and access roads	$86,225.00
Labor and supervision	7,350.00
Transportation	1,200.00
Miscellaneous and contingencies	13,437.50
	$108,212.50

40 holes, 800 feet deep were planned. Subsequent to the filing of the application 2 holes were drilled at locations near proposed holes of the application. The holes were drilled through the Chinle formation and radiometric logs show them to be barren. The core logs indicate that the Chinle formation maintains a uniform thickness under the claims.

In support of the application information concerning spots of high radioactivity in the Kayenta formation, high above the Moss Back, was furnished as well as notes on prospects northwest of the property,

where miles of the Moss Rock member has been exposed by erosion. No profitable production is recorded for the odd spots where radioactive material has been found and work has been done.

The examiners conclude that no channelling can be inferred and judging by prospecting experience in the canyons where the Moss Rock member is exposed, and the results obtained in 2 holes drilled by the applicant, no ore body of a size commensurate with the cost of work to reach and mine it is likely to be found on the referenced claims.

The examiners and the Field Team recommend denial of the application. I concur with that recommendation.

N. E. Nelson

N. E. Nelson

~~[illegible]~~

NENelson:jeh:iml
G-3/6/56

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

IN REPLY REFER TO:

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

RECEIVED
MAR - 7 1956

March 6, 1956

Re: DMEA 4006
Textak Uranium Company
Mary Dee, First Chance,
Hold Up, Violet, Hawk,
and Lone Star groups
of claims
San Juan County, Utah
$108,212.50 - Uranium

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in exploring by deep drilling a long projection of an ill-defined, if existant, channel in the Moss Back member of the Chinle formation.

The work proposed consists of:

Drilling and access roads	$86,225.00
Labor and supervision	7,350.00
Transportation	1,200.00
Miscellaneous and contingencies	13,437.50
	$108,212.50

40 holes, 800 feet deep were planned. Subsequent to the filing of the application 2 holes were drilled at locations near proposed holes of the application. The holes were drilled through the Chinle formation and radiometric logs show them to be barren. The core logs indicate that the Chinle formation maintains a uniform thickness under the claims.

In support of the application information concerning spots of high radioactivity in the Kayenta formation, high above the Moss Back, was furnished as well as notes on prospects northwest of the property,

where miles of the Mesa Rock member has been exposed by erosion. No profitable production is reserved for the odd spots where radioactive material has been found and work has been done.

The examiners conclude that no channelling can be inferred and judging by prospecting experience in the canyons where the Mesa Rock member is exposed, and the results obtained in 8 holes drilled by the applicant, no ore body of a size commensurate with the cost of work to reach and mine it is likely to be found on the referenced claims.

The examiners and the Field Team recommend denial of the application. I concur with that recommendation.

N. E. Nelson

N. E. Nelson

NENelson:jeh:iml
G-3/6/56

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

IN REPLY REFER TO:

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

RECEIVED
MAR - 7 1956

March 6, 1956

Re: DMEA 4006
Tertab Uranium Company
Mary Dee, First Chance,
Hold Up, Violet, Bank,
and Lone Star groups
of claims
San Juan County, Utah
$108,212.50 - Uranium

Memorandum

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

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

Subject: Review of Field Team report.

The applicant requested assistance in exploring by deep drilling a long projection of an ill-defined, if existant, channel in the Moss Back member of the Chinle formation.

The work proposed consists of:

Drilling and access roads	$86,225.00
Labor and supervision	7,350.00
Transportation	1,200.00
Miscellaneous and contingencies	13,437.50
	$108,212.50

40 holes, 800 feet deep were planned. Subsequent to the filing of the application 2 holes were drilled at locations near proposed holes of the application. The holes were drilled through the Chinle formation and radiometric logs show them to be barren. The core logs indicate that the Chinle formation maintains a uniform thickness under the claims.

In support of the application information concerning spots of high radioactivity in the Kayenta formation, high above the Moss Back, was furnished as well as notes on prospects northwest of the property,

where miles of the Moss Back member has been exposed by erosion. No profitable production is recorded for the odd spots where radioactive material has been found and work has been done.

The examiners conclude that no channelling can be inferred and judging by prospecting experience in the canyons where the Moss Back member is exposed, and the results obtained in 2 holes drilled by the applicant, no ore body of a size commensurate with the cost of work to reach and mine it is likely to be found on the referenced claims.

The examiners and the Field Team recommend denial of the application. I concur with that recommendation.

M. E. Nelson

M. E. Nelson

MENelson:jeh:iml
G-3/6/56

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

3/5/56 lgm

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

RECEIVED
FEB 29 1956

February 24, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Joint Report of Examination, Docket DMEA 4006 (Uranium), Textah Uranium Company, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star Group of claims, San Juan County, Utah

Enclosed are the original and three copies of a joint Geological and Engineering Report on the subject docket.

The examining team recommends that the application be denied based on known geologic conditions and the results of the limited drilling in the area. Ore bodies in the area are small, and drilling for them at a depth of 800 feet is costly.

We agree with the field examiners that the chances for finding important ore bodies in the area are not good and concur in their recommendation that the application be denied.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
3-2-56
(date)

DMEA
Date Rec'd.
FEB 24 1956
BUREAU OF
Denver, Colorado

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

RECEIVED
FEB 29 1956

February 13, 1956

MEMORANDUM

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

TRANSMITTED
FEB 24 1956

From: J. William Hasler

Subject: DMEA 4006 (Uranium), Textah Uranium Company, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star groups of claims, San Juan County, Utah.

Enclosed is a geologic report by H. B. Dyer, as well as the accompanying geologic map (fig. 2), written as a result of a field examination relative to a DMEA loan application. This report is to be included with an engineering report to be written by Carl Belser, U. S. Bureau of Mines.

It is concluded that although the ore-bearing Moss Back formation is consistently thick and has accompanying green mudstones, there have been observed no channels with which ore deposits in the area are associated. It was also concluded that ore bodies in the area are small and to explore for them at depth of 800 feet would not be economical.

It is, therefore, concluded that chances for finding ore bodies of commercial size and grade in the area are not good and it is recommended that the application be denied. I concur with the conclusions and recommendations of the examining team.

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

Enclosed are the required number of maps to be included in the joint report, as well as the applicant's brochure.

J. William Hasler
J. William Hasler,
Geologist.

JWH/mlr
Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
3-2-56
(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
FEB 29 1956

JOINT REPORT OF EXAMINATION BY EXAMINING TEAM
REGION III

TRANSMITTED
FEB 24 1956

DMEA 4006

TEXTAH URANIUM, INC.

Properties in T. 28 S., R. 22 E., S.L.M.

San Juan County, Utah

Uranium

Joint Engineering and Geological Report

By

Henry B. Dyer, Geologist
Geological Survey

Carl Belser, Mining Engineer
Bureau of Mines

February 21, 1956

Reviewed by
DMEA OPERATING COMMITTEE
3-2-56
(date)

DMEA 4006

TEXTAH URANIUM, INC.
Properties in T. 28 S., R. 22 E., S.L.M.
SAN JUAN COUNTY, UTAH

RECEIVED
FEB 20 1956

CONTENTS

Joint Engineering and Geologic Report — Page

Introduction and summary 1
Acknowledgements 1
Location, Topography, and Climate 2
History and Production 3
Ownership and Extent 3
Present Status 4
Exploration and development 4
Mining and Milling Equipment and other Facilities 4
Geology 4
Ore Reserves 5
Proposed Exploration with Costs 6
Conclusions and Recommendations 7

ILLUSTRATIONS

Figure — Follows Page

1. Location map, properties in T. 28 S., R. 22 E., S.L.M., Textah Uranium, Inc., San Juan County, Utah-DMEA 4006 2

2. Geologic Map, showing existing drill holes and location of proposed drill holes, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star Group of claims, Textah Uranium, Inc., San Juan County, Utah-DMEA 4006 2

DMEA 4006

RECEIVED
FEB 20 1956

TEXTAH URANIUM, INC.
Properties in T. 28 S., R. 22 E., S.L.M.
San Juan County, Utah

INTRODUCTION AND SUMMARY

Textah Uranium, Inc., Mays Building, Corsicana, Texas, on August 16, 1955 made application for aid in an exploration project on its 31 unpatented claims in T. 28 S., R. 22 E., Salt Lake meridian, San Juan County, Utah. The application proposed to explore the claims for uranium ore by 33,600 feet (40 holes) of drilling at a total estimated cost of $108,212.50.

The property was examined on January 11, 1956. The Company has drilled two non-core holes about 600 feet apart near the center of the claims. The cuttings from these holes were not radioactive and gamma ray logs indicated that the holes were barren. No other work, except staking, has been done, no production has been made from the area.

The highest areas on the property are covered with Navajo sandstone, which is underlain successively by the Kayenta, Wingate, Chinle, and Moenkopi formations, the latter three of which are exposed on the steep cliff sides in Coyote and Hatch washes.

The ore occurs in the basal Chinle formation but in the many miles of basal Chinle exposures in upper Cane Springs Canyon, of which Hatch and Coyote washes are tributaries, no profitable ore has been mined.

The examining team recommended that the application be denied.

ACKNOWLEDGMENTS

Karl Horn accompanied the team during the examination and represented the applicant.

Reviewed by
DMEA OPERATING COMMITTEE
3-2-56
(date)

The A.E.C. was consulted regarding the area before the examination was made.

The memorandums of George C. Selfridge, Thor H. Kiilsgaard, and John E. Crawford were of material help in making the examination.

LOCATION, TOPOGRAPHY, AND CLIMATE

The property on which exploration is proposed consists of 31 unpatented claims in a solid group in Secs. 34 and 35, T. 28 S., R. 22 E., Salt Lake meridian, San Juan County, Utah (figs. 1 and 2).

The claims cover flat to rolling plateau country with the exception of a small portion of the southern part of the claim group where Coyote Wash cuts to a maximum depth of about 800 feet. Altitudes range from a high of about 6,200 feet on the plateau to a low of 4,900 feet in Coyote Wash. Rainfall is light and operations can be carried on throughout the year. A four-mile dirt access road connects the property with U. S. Highway 160 at La Sal Junction. From La Sal Junction it is 33 miles south to Monticello, Utah, 25 miles north to Moab, and 63 miles north to Thompson, Utah. Ore buying depots are maintained at Monticello, Moab, and Thompson. The nearest railroad is the Denver and Rio Grande Western at Thompson. Pinon, suitable for some mine use, grows on the property and native timber and dimension lumber can be purchased at Moab. Electric power lines pass close to La Sal Junction. Labor and supplies can be obtained from Moab or Monticello.

Water for drilling and mining use can be obtained from Coyote Wash and water for domestic purposes can be trucked from upper Cane Springs Canyon or from Moab.

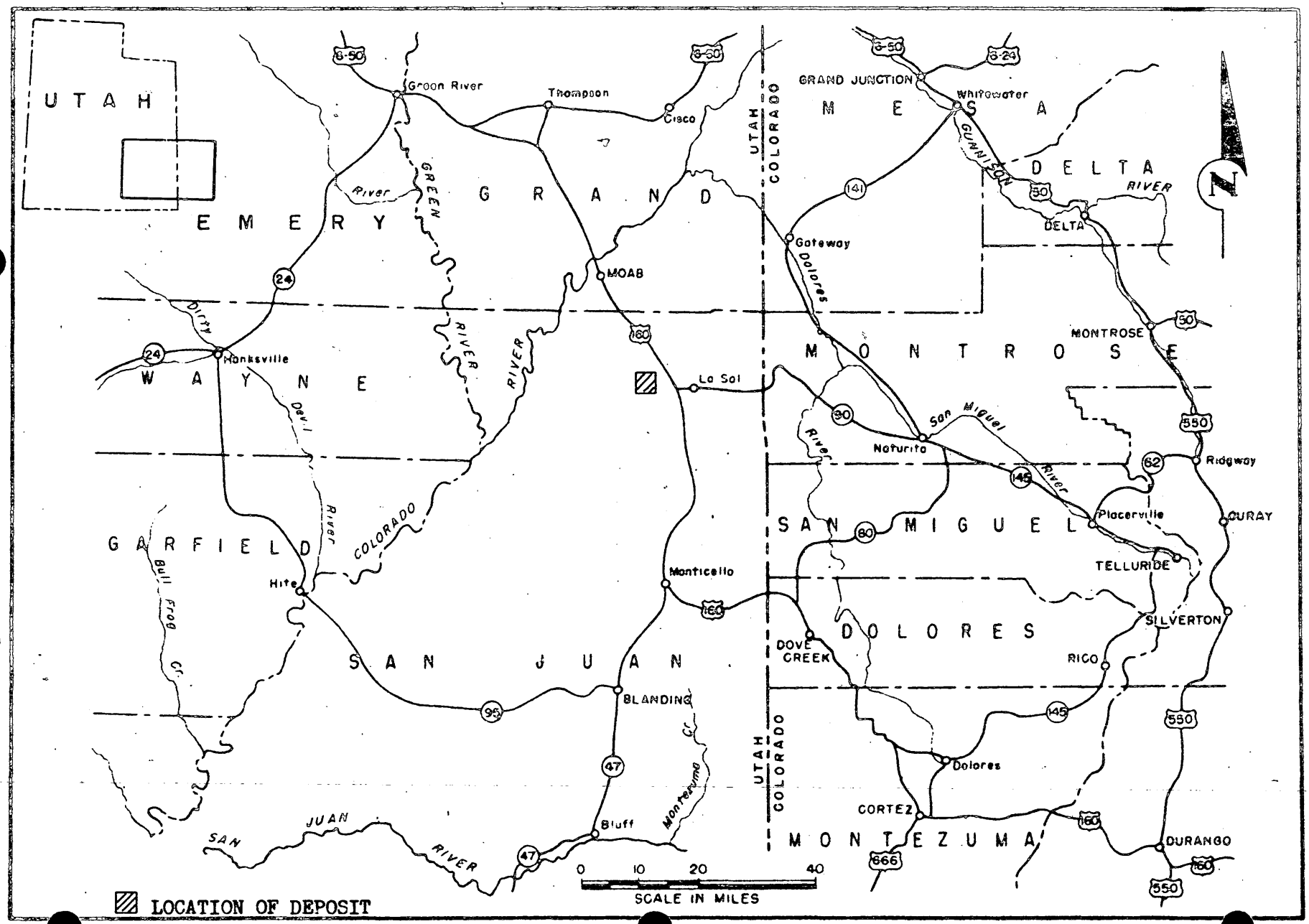


FIGURE 1 - LOCATION MAP, PROPERTIES IN T. 28 S., R. 22 E., S.L.M., TEXTAH URANIUM, INC., SAN JUAN COUNTY, UTAH.

DMEA 4006

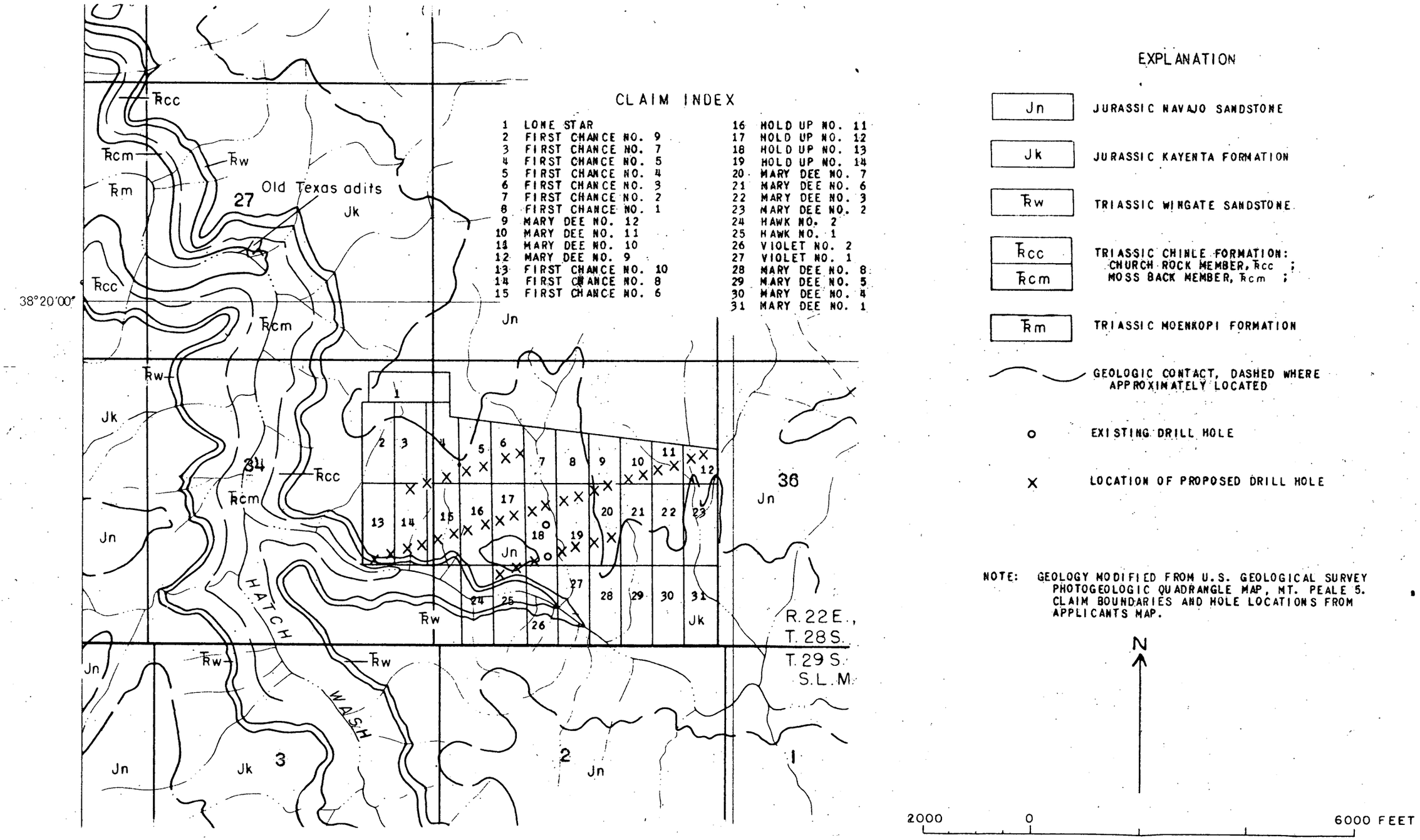


FIGURE 2. GEOLOGIC MAP SHOWING EXISTING DRILL HOLES AND LOCATION OF PROPOSED DRILL HOLES, MARY DEE, FIRST CHANCE, HOLD UP, VIOLET, HAWK AND LONE STAR GROUP OF CLAIMS, TEXTAH URANIUM INC., SAN JUAN COUNTY, UTAH.

HISTORY AND PRODUCTION

The claims were located in 1954, transferred July 7, 1955 to J. Mack Jones, and retransferred to the Textah Uranium, Inc., on July 20, 1955. Two holes were drilled on the Hold Up No. 13 claim late in 1955.

No other work has been done on the claims and no ore has been produced. Most of the surrounding area has been located but, as far as is known, no ore has been profitably mined from the area.

OWNERSHIP AND EXTENT

The property consists of 31 unpatented claims. The following is taken from the records of the County Recorder of San Juan County, Utah:

Claim	Book	Page	Date Located	Locator	(A.E.C. Lease) Book	Page	Lease Date
Mary Dee No. 1	163	284	8/17/54	Paul B. Horn			
Mary D.#2	163	284	8/17/54	Paul B. Horn			
Mary D.#3	163	285	8/17/54	Paul B. Horn			
Mary D.#4	163	285	8/17/54	Paul B. Horn			
Mary D.#5	163	286	8/17/54	Paul B. Horn			
Mary D.#6	163	286	8/17/54	Paul B. Horn			
Mary D.#7	163	287	8/17/54	Paul B. Horn			
Mary D.#8	163	287	8/17/54	Paul B. Horn			
Mary D.#9	163	288	8/17/54	Paul B. Horn			
Mary D#10	163	288	8/17/54	Paul B. Horn			
Mary D#11	163	289	8/17/54	Paul B. Horn			
Mary D#12	163	289	8/17/54	Paul B. Horn			
First Chance #1	163	293	3/28/54	Ray Uphold	85	106	3/28/54
First Chance #2	163	293	3/28/54	Ray Uphold	85	102	3/28/54
First Chance #3	163	294	3/28/54	Ray Uphold	85	102	3/28/54
First Chance #4	163	294	3/28/54	Ray Uphold	85	103	3/28/54
First Chance #5	163	295	3/28/54	Ray Uphold	85	103	3/28/54
First Chance #6	163	295	3/28/54	Ray Uphold	85	104	3/28/54
First Chance #7	163	296	3/28/54	Ray Uphold	85	104	3/28/54
First Chance #8	163	296	3/28/54	Ray Uphold	85	105	3/28/54
First Chance #9	163	297	3/28/54	Ray Uphold	85	105	3/28/54
First Chance#10	163	297	3/28/54	Ray Uphold	85	106	3/28/54
Hold Up#11	163	290	8/17/54	Karl Horn			
Hold Up#12	163	290	8/17/54	Karl Horn			
Hold Up#13	163	291	8/17/54	Karl Horn			
Hold Up #14	"	291	8/17/54	Karl Horn			
Violet #1	163	292	8/17/54	Lois Horn			
Violet #2	163	292	8/17/54	Lois Horn			
Hawk # 1	157	138	8/17/54	Karl Horn			
Hawk # 2	157	139	8/20/54	Karl Horn			

Lone Star (The Lone Star was staked but not recorded)

The above claims were transferred from Paul B. Horn, Ray Uphold, Lois Horn, and Carl Horn to J. Mack Jones. The transfer was recorded on July 27, 1955 in Book 318, Page 320.

The same claims were transferred by quit claim deed from J. Mack Jones to Textah Uranium, Inc., on July 20, 1955, and were recorded in Book 42, Pages 326-327.

Outside of Karl Horn having failed to record the Lone Star claim and end center posts missing, the claims appear to be valid locations.

PRESENT STATUS

Exploration and Development

The only exploration work on the claims consists of two drill holes, spaced 600 feet apart on the Hold Up #13 claim. These holes were drilled through the Chinle formation and radiometric logs show them to be barren.

Mining and Milling Equipment and Other Facilities

There is no mining or milling equipment on the property. Facilities consist of access roads.

GEOLOGY

The rocks in the vicinity of the claims are flat-lying Triassic and Jurassic sediments. The Jurassic rocks form a rolling upland bench that is dissected by deep canyons cut in the Triassic rocks. The oldest formation is the lower Triassic Moenkopi formation which outcrops in Hatch Wash northwest of the claims (fig. 2). It consists of thin-bedded chocolate-brown siltstone which is overlain by the Upper Triassic Chinle formation.

The Chinle formation of Triassic age is divided into two members, the Moss Back sandstone member and the Church Rock member. The Moss Back

is the lower member and rests on the slightly irregular, eroded surface of the Moenkopi. The Moss Back member is the potential ore-bearing unit and is about 120 feet thick in the outcrop northwest of the claims. It consists of two sandstone ledges separated by a thick Green Mudstone and siltstone unit.

The Moss Back sandstone grades into and interfingers with the overlying Church Rock member. The Church Rock, which is about 300 feet thick, consists largely of red mudstone and siltstone, but it commonly contains a few sandstone lenses.

The Church Rock member is overlain by about 320 feet of the massive Triassic Wingate sandstone which is followed by about 250 feet of the irregularly bedded purple sandstone and red shale of the Jurassic Kayenta formation.

The Kayenta formation forms wide benches which are accessible for drilling, except where the overlying Jurassic Navajo sandstone forms steeply rounded hills.

Two holes have been drilled since the application was filed. (See figure 2). Inspection of the Empire Logging Company's gamma ray logs show that both holes are barren and indicate that the Chinle maintains a uniform thickness under the claims.

ORE RESERVES

The prospects northwest of the claims have had no production and no large ore bodies have been found in the several miles of rim exposure in the vicinity of the claims.

The applicant indicates several spots of high radioactivity in the Kayenta and suggests a southeasterly trend from them. Since gamma-rays can penetrate only a few feet of rock, it seems highly improbable

that the radioactivity could indicate ore in the Moss Back at 800-foot depths.

The Moss Back sandstone member appears to be unfavorable in this area. Although it is thick and the associated mudstones are green, it forms a relatively uniform blanket which does not have any prominent channels. Reconnaissance work and detailed mapping by U. S. Geological Survey and U. S. Atomic Energy Commission geologists has shown that significant ore bodies are associated with rapid channeling of the host rock. Large areas are known where the lithology is favorable, but the deposits rarely exceed a few hundred tons, unless prominent channels are present.

The surface geology and the drill holes both indicate that if any ore bodies occur on the property, they are likely to be small and might present a target 50 x 50 feet square. Exploration costs for a target of this size at 800-foot depths would be prohibitive.

PROPOSED EXPLORATION WITH COSTS

The applicant has proposed the following development program:

<u>Independent contracts</u>		
Non-core drilling 32,000 feet at $2.50/ft...	$80,000.00	
Core drilling, 1,600 feet at $3.50/ft.	5,600.00	
Bulldozing roads and drill sites 50 hrs. at $12.50/hr.	625.00	
Total Independent Contracts		$86,225.00
<u>Labor and Supervision</u>		
Engineer and crew for surveying, 100 hrs. at $13.50/hr.	$1,350.00	
Supervisor $1,000.00/mo. for 6 months	6,000.00	
Total Labor and Supervision		$7,350.00

<u>Operating Materials and Supplies</u>

None

Operation Equipment (Rental including upkeep)

Jeep, $200.00/mo. for 6 months	$1,200.00	
Total Operating Equipment		$1,200.00

Initial Rehabilitation and Repairs

None

New Buildings, Improvements, etc.

None

Miscellaneous and Contingencies

Logging holes, 40 at $90.00 a hole	$3,600.00	
Office, Secretary, Draftsman, Telephone, Telegraph, and Contingencies (10% of above)	9,837.50	
Total Miscellaneous and Contingencies		$13,437.50
Total estimated cost for 33,800 feet of drilling		$108,212.50
Estimated cost per foot		$3.20

Government participation 75 percent, or	$81,159.38
Time for completion	6 Months

CONCLUSIONS AND RECOMMENDATIONS

Based on known geologic conditions and limited drilling in the area it appears that the subject claims are not favorably situated for the discovery of significant ore bodies in the basal Chinle formation. The 40 holes requested by the applicant would range from 700 feet to 900 feet in depth and drilling on the Textah property would come under the heading of prospecting rather than exploration.

The examining team recommends that the application be denied.

2/27/56 dgm

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

RECEIVED FEB 29 '56

February 24, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Joint Report of Examination, Docket DMEA 4006 (Uranium), Textah Uranium Company, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star Group of claims, San Juan County, Utah

Enclosed are the original and three copies of a joint Geological and Engineering Report on the subject docket.

The examining team recommends that the application be denied based on known geologic conditions and the results of the limited drilling in the area. Ore bodies in the area are small, and drilling for them at a depth of 800 feet is costly.

We agree with the field examiners that the chances for finding important ore bodies in the area are not good and concur in their recommendation that the application be denied.

DMEA Field Team, Region III

W. M. Traver

By W. M. Traver
Executive Officer

Enclosures

Reviewed by
DMEA OPERATING COMMITTEE
3-2-56
(date)

DMEA
Date Rec'd.

FEB 24 1956

BUREAU OF MINES
Denver, Colorado

RECEIVED
FEB 29 1956

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

February 13, 1956

MEMORANDUM

TRANSMITTED
FEB 24 1956

To: Executive Officer, DMEA Field Team, Region III
Through: E. N. Harshman EMH
J. F. Shaw JFS

From: J. William Hasler

Subject: DMEA 4006 (Uranium), Textah Uranium Company, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star groups of claims, San Juan County, Utah.

Enclosed is a geologic report by H. B. Dyer, as well as the accompanying geologic map (fig. 2), written as a result of a field examination relative to a DMEA loan application. This report is to be included with an engineering report to be written by Carl Belser, U. S. Bureau of Mines.

It is concluded that although the ore-bearing Moss Back formation is consistently thick and has accompanying green mudstones, there have been observed no channels with which ore deposits in the area are associated. It was also concluded that ore bodies in the area are small and to explore for them at depth of 800 feet would not be economical.

It is, therefore, concluded that chances for finding ore bodies of commercial size and grade in the area are not good and it is recommended that the application be denied. I concur with the conclusions and recommendations of the examining team.

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

Enclosed are the required number of maps to be included in the joint report, as well as the applicant's brochure.

Reviewed by
DMEA OPERATING COMMITTEE
3-2-56
(date)

J. William Hasler
J. William Hasler,
Geologist.

JWH/mlr
Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

RECEIVED
FEB 29 1956

DEFENSE MINERALS EXPLORATION ADMINISTRATION

JOINT REPORT OF EXAMINATION BY EXAMINING TEAM
REGION III

TRANSMITTED
FEB 24 1956

DMEA 4006

TRITAN URANIUM, INC.

Properties in T. 26 S., R. 22 E., S.L.M.

San Juan County, Utah

Uranium

Joint Engineering and Geological Report

By

Henry R. Dyer, Geologist
Geological Survey

Carl Belser, Mining Engineer
Bureau of Mines

February 21, 1956

Reviewed by
DMEA OPERATING COMMITTEE
3-2-56
(date)

DMEA 4006

TEXTAH URANIUM, INC.
Properties in T. 28 S., R. 22 E., S.L.M.
SAN JUAN COUNTY, UTAH

RECEIVED
FEB 20 1956

CONTENTS

Joint Engineering and Geologic Report — Page

Introduction and summary 1
Acknowledgements 1
Location, Topography, and Climate 2
History and Production 3
Ownership and Extent 3
Present Status 4
Exploration and development 4
Mining and Milling Equipment and other Facilities 4
Geology 4
Ore Reserves 5
Proposed Exploration with Costs 6
Conclusions and Recommendations 7

ILLUSTRATIONS

Figure — Follows Page

1. Location map, properties in T. 28 S., R. 22 E., S.L.M., Textah Uranium, Inc., San Juan County, Utah-DMEA 4006 2

2. Geologic Map, showing existing drill holes and location of proposed drill holes, Mary Dee, First Chance, Hold Up, Violet, Hawk, and Lone Star Group of claims, Textah Uranium, Inc., San Juan County, Utah-DMEA 4006 2

DMEA 4006

TEXTAN URANIUM, INC.
Properties in T. 28 S., R. 22 E., S.L.M.
San Juan County, Utah

RECEIVED
FEB 20 1956

INTRODUCTION AND SUMMARY

Textan Uranium, Inc., Mays Building, Corsicana, Texas, on August 16, 1955 made application for aid in an exploration project on its 31 unpatented claims in T. 28 S., R. 22 E., Salt Lake meridian, San Juan County, Utah. The application proposed to explore the claims for uranium ore by 33,600 feet (40 holes) of drilling at a total estimated cost of $108,212.50.

The property was examined on January 11, 1956. The Company has drilled two non-core holes about 600 feet apart near the center of the claims. The cuttings from these holes were not radioactive and gamma ray logs indicated that the holes were barren. No other work, except staking, has been done, no production has been made from the area.

The highest areas on the property are covered with Navajo sandstone, which is underlain successively by the Kayenta, Wingate, Chinle, and Moenkopi formations, the latter three of which are exposed on the steep cliff sides in Coyote and Hatch washes.

The ore occurs in the basal Chinle formation but in the many miles of basal Chinle exposures in upper Cane Springs Canyon, of which Hatch and Coyote washes are tributaries, no profitable ore has been mined.

The examining team recommended that the application be denied.

ACKNOWLEDGMENTS

Karl Harn accompanied the team during the examination and represented the applicant.

The A.E.C. was consulted regarding the area before the examination was made.

The memorandums of George C. Selfridge, Thor H. Kiilsgaard, and John E. Crawford were of material help in making the examination.

LOCATION, TOPOGRAPHY, AND CLIMATE

The property on which exploration is proposed consists of 31 unpatented claims in a solid group in Secs. 34 and 35, T. 28 S., R. 22 E., Salt Lake meridian, San Juan County, Utah (figs. 1 and 2).

The claims cover flat to rolling plateau country with the exception of a small portion of the southern part of the claim group where Coyote Wash cuts to a maximum depth of about 800 feet. Altitudes range from a high of about 6,200 feet on the plateau to a low of 4,900 feet in Coyote Wash. Rainfall is light and operations can be carried on throughout the year. A four-mile dirt access road connects the property with U. S. Highway 160 at La Sal Junction. From La Sal Junction it is 33 miles south to Monticello, Utah, 25 miles north to Moab, and 63 miles north to Thompson, Utah. Ore buying depots are maintained at Monticello, Moab, and Thompson. The nearest railroad is the Denver and Rio Grande Western at Thompson. Pinon, suitable for some mine use, grows on the property and native timber and dimension lumber can be purchased at Moab. Electric power lines pass close to La Sal Junction. Labor and supplies can be obtained from Moab or Monticello.

Water for drilling and mining use can be obtained from Coyote Wash and water for domestic purposes can be trucked from upper Cane Springs Canyon or from Moab.

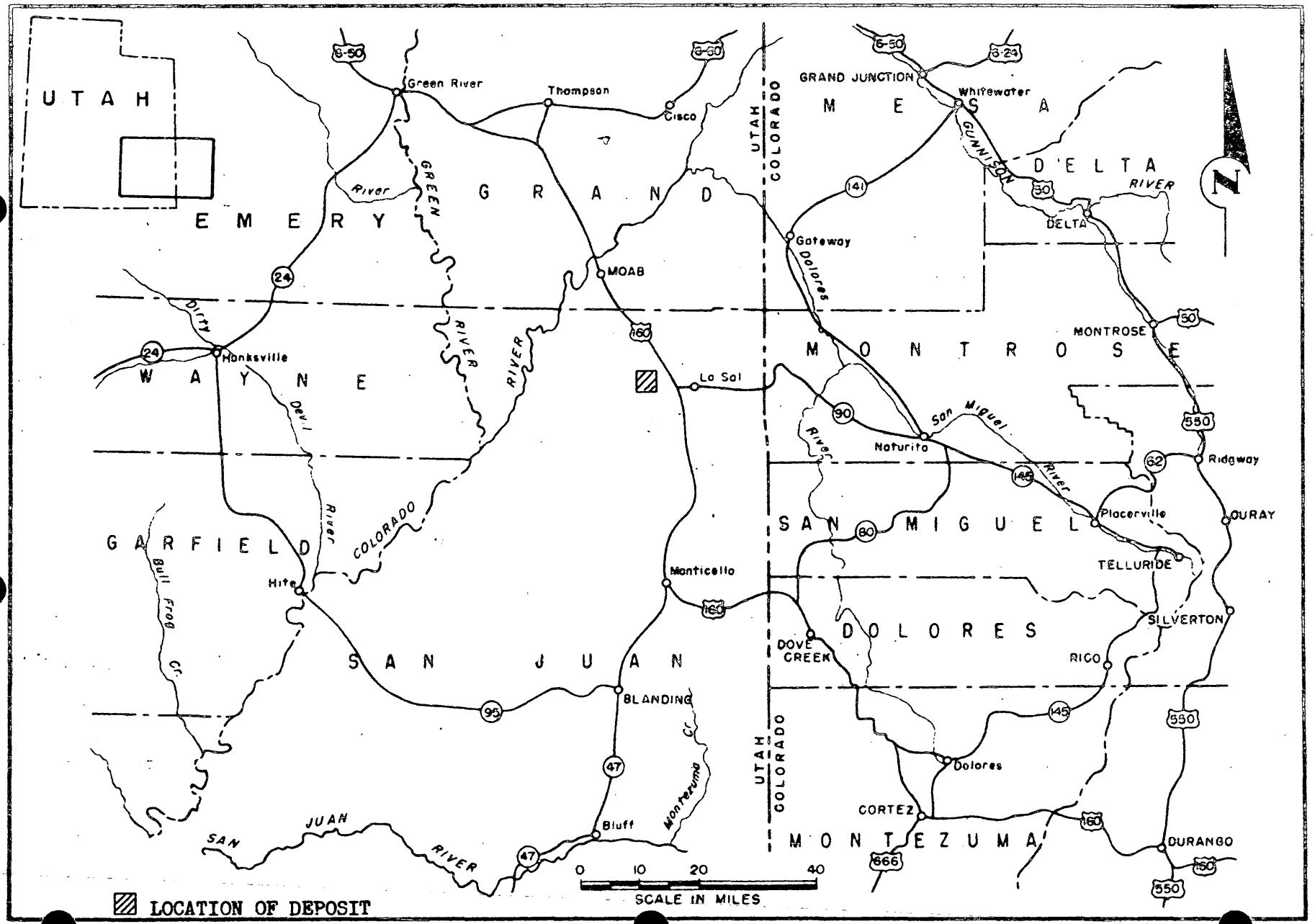


FIGURE 1 - LOCATION MAP, PROPERTIES IN T. 28 S., R. 22 E., S.L.M., TEXTAH URANIUM, INC., SAN JUAN COUNTY, UTAH.

DMEA 4006

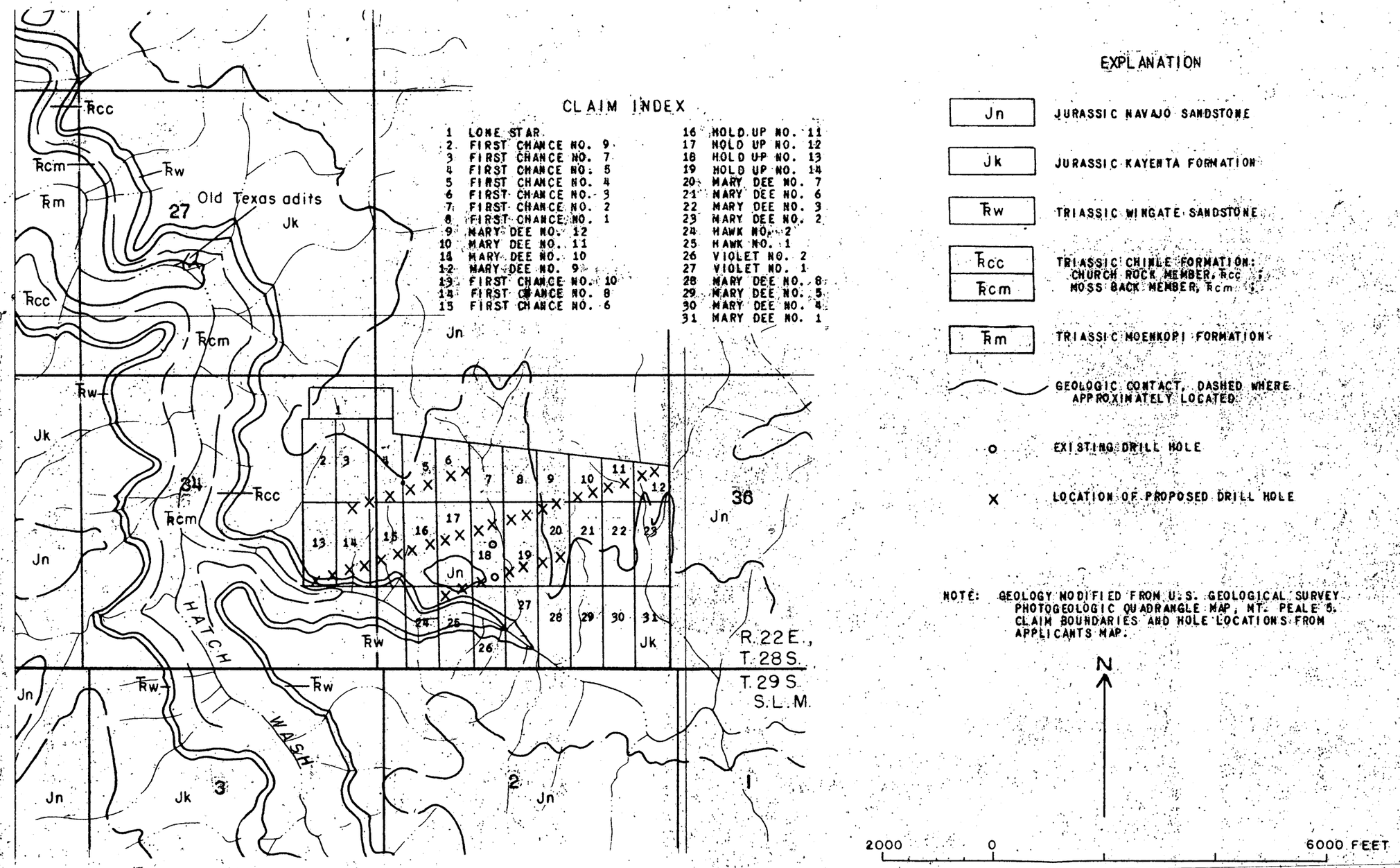


FIGURE 2. GEOLOGIC MAP SHOWING EXISTING DRILL HOLES AND LOCATION OF PROPOSED DRILL HOLES, MARY DEE, FIRST CHANCE, HOLD UP, VIOLET, HAWK AND LONE STAR GROUP OF CLAIMS, TEXTAH URANIUM INC., SAN JUAN COUNTY, UTAH.

HISTORY AND PRODUCTION

The claims were located in 1954, transferred July 7, 1955 to J. Mack Jones, and retransferred to the Textah Uranium, Inc., on July 20, 1955. Two holes were drilled on the Hold Up No. 13 claim late in 1955.

No other work has been done on the claims and no ore has been produced. Most of the surrounding area has been located but, as far as is known, no ore has been profitably mined from the area.

OWNERSHIP AND EXTENT

The property consists of 31 unpatented claims. The following is taken from the records of the County Recorder of San Juan County, Utah:

Claim	Book	Page	Date Located	Locator	(A.E.C. Lease) Book	Page	Lease Date
Mary Dee No. 1	163	284	8/17/54	Paul B. Horn			
Mary D.#2	163	284	8/17/54	Paul B. Horn			
Mary D.#3	163	285	8/17/54	Paul B. Horn			
Mary D.#4	163	285	8/17/54	Paul B. Horn			
Mary D.#5	163	286	8/17/54	Paul B. Horn			
Mary D.#6	163	286	8/17/54	Paul B. Horn			
Mary D.#7	163	287	8/17/54	Paul B. Horn			
Mary D.#8	163	287	8/17/54	Paul B. Horn			
Mary D.#9	163	288	8/17/54	Paul B. Horn			
Mary D#10	163	288	8/17/54	Paul B. Horn			
Mary D#11	163	289	8/17/54	Paul B. Horn			
Mary D#12	163	289	8/17/54	Paul B. Horn			
First Chance #1	163	293	3/28/54	Ray Uphold	85	106	3/28/54
First Chance #2	163	293	3/28/54	Ray Uphold	85	102	3/28/54
First Chance #3	163	294	3/28/54	Ray Uphold	85	102	3/28/54
First Chance #4	163	294	3/28/54	Ray Uphold	85	103	3/28/54
First Chance #5	163	295	3/28/54	Ray Uphold	85	103	3/28/54
First Chance #6	163	295	3/28/54	Ray Uphold	85	104	3/28/54
First Chance #7	163	296	3/28/54	Ray Uphold	85	104	3/28/54
First Chance #8	163	296	3/28/54	Ray Uphold	85	105	3/28/54
First Chance #9	163	297	3/28/54	Ray Uphold	85	105	3/28/54
First Chance#10	163	297	3/28/54	Ray Uphold	85	106	3/28/54
Hold Up#11	163	290	8/17/54	Karl Horn			
Hold Up#12	163	290	8/17/54	Karl Horn			
Hold Up#13	163	291	8/17/54	Karl Horn			
Hold Up #14	"	291	8/17/54	Karl Horn			
Violet #1	163	292	8/17/54	Lois Horn			
Violet #2	163	292	8/17/54	Lois Horn			
Hawk # 1	157	138	8/17/54	Karl Horn			
Hawk # 2	157	139	8/20/54	Karl Horn			

Lone Star (The Lone Star was staked but not recorded)

The above claims were transferred from Paul E. Horn, Ray Upheld, Lois Horn, and Carl Horn to J. Mack Jones. The transfer was recorded on July 27, 1955 in Book 318, Page 320.

The same claims were transferred by quit claim deed from J. Mack Jones to Textah Uranium, Inc., on July 20, 1955, and were recorded in Book 42, Pages 326-327.

Outside of Karl Horn having failed to record the Lone Star claim and and center posts missing, the claims appear to be valid locations.

PRESENT STATUS

Exploration and Development

The only exploration work on the claims consists of two drill holes, spaced 600 feet apart on the Hold Up #13 claim. These holes were drilled through the Chinle formation and radiometric logs show them to be barren.

Mining and Milling Equipment and Other Facilities

There is no mining or milling equipment on the property. Facilities consist of access roads.

GEOLOGY

The rocks in the vicinity of the claims are flat-lying Triassic and Jurassic sediments. The Jurassic rocks form a rolling upland bench that is dissected by deep canyons cut in the Triassic rocks. The oldest formation is the lower Triassic Moenkopi formation which outcrops in Match Wash northwest of the claims (fig. 2). It consists of thin-bedded chocolate-brown siltstone which is overlain by the Upper Triassic Chinle formation.

The Chinle formation of Triassic age is divided into two members, the Moss Back sandstone member and the Church Rock member. The Moss Back

is the lower member and rests on the slightly irregular, eroded surface of the Moenkopi. The Moss Back member is the potential ore-bearing unit and is about 120 feet thick in the outcrop northwest of the claims. It consists of two sandstone ledges separated by a thick Green Mudstone and siltstone unit.

The Moss Back sandstone grades into and interfingers with the overlying Church Rock member. The Church Rock, which is about 300 feet thick, consists largely of red mudstone and siltstone, but it commonly contains a few sandstone lenses.

The Church Rock member is overlain by about 320 feet of the massive Triassic Wingate sandstone which is followed by about 250 feet of the irregularly bedded purple sandstone and red shale of the Jurassic Kayenta formation.

The Kayenta formation forms wide benches which are accessible for drilling, except where the overlying Jurassic Navajo sandstone forms steeply rounded hills.

Two holes have been drilled since the application was filed. (See figure 2). Inspection of the Empire Logging Company's gamma ray logs show that both holes are barren and indicate that the Chinle maintains a uniform thickness under the claims.

ORE RESERVES

The prospects northwest of the claims have had no production and no large ore bodies have been found in the several miles of rim exposure in the vicinity of the claims.

The applicant indicates several spots of high radioactivity in the Kayenta and suggests a southeasterly trend from them. Since gamma-rays can penetrate only a few feet of rock, it seems highly improbable

that the radioactivity could indicate ore in the Moss Back at 800-feet depths.

The Moss Back sandstone member appears to be unfavorable in this area. Although it is thick and the associated mudstones are green, it forms a relatively uniform blanket which does not have any prominent channels. Reconnaissance work and detailed mapping by U. S. Geological Survey and U. S. Atomic Energy Commission geologists has shown that significant ore bodies are associated with rapid channeling of the host rock. Large areas are known where the lithology is favorable, but the deposits rarely exceed a few hundred tons, unless prominent channels are present.

The surface geology and the drill holes both indicate that if any ore bodies occur on the property, they are likely to be small and might present a target 50 x 50 feet square. Exploration costs for a target of this size at 800-feet depths would be prohibitive.

PROPOSED EXPLORATION WITH COSTS

The applicant has proposed the following development program:

Independent contracts

Non-core drilling 32,000 feet at $2.50/ft...	$80,000.00	
Core drilling, 1,600 feet at $3.50/ft.	5,600.00	
Bulldozing roads and drill sites 50 hrs. at $12.50/hr.	625.00	
Total [redacted]ent Contracts		$86,225.00

Labor and Supervision

Engineer and crew for surveying, 100 hrs. at $13.50/hr.	$1,350.00	
Supervisor $1,000.00/mo. for 6 months	6,000.00	
Total Labor and Supervision		$7,350.00

Operating Materials and Supplies

None

Operation Equipment (Rental including upkeep)

Jeep, $200.00/mo. for 6 months $1,200.00

Total Operating Equipment $1,200.00

Initial Rehabilitation and Repairs

None

New Buildings, Improvements, etc.

None

Miscellaneous and Contingencies

Logging holes, 40 at $90.00 a hole $3,600.00
Office, Secretary, Draftsman, Telephone,
Telegraph, and Contingencies (10% of above) 9,837.50

Total Miscellaneous and Contingencies $13,437.50

Total estimated cost for 33,800 feet of drilling $108,212.50

Estimated cost per foot $3.20

Government participation 75 percent, or $81,159.38

Time for completion 6 Months

CONCLUSIONS AND RECOMMENDATIONS

Based on known geologic conditions and limited drilling in the area it appears that the subject claims are not favorably situated for the discovery of significant ore bodies in the basal Chinle formation. The 40 holes requested by the applicant would range from 700 feet to 900 feet in depth and drilling on the Textah property would come under the heading of prospecting rather than exploration.

The examining team recommends that the application be denied.

12-2-55 ejm

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

RECEIVED
DEC - 1 1955

224 New Customhouse
Denver 2, Colorado

November 29, 1955

Memorandum

To: J. F. Shaw
J. W. Mesler

From: E. N. Harshman, Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-4006 (Uranium), Textah Uranium, Inc., Mary Dee, et al groups, San Juan County, Utah

Enclosed for your information is a copy of a letter from the Chairman of the Operating Committee and relevant memoranda from John E. Crawford and Thor H. Kiilsgaard, Uranium Commodity Committee members pertaining to the subject application.

Please note in Mr. Kiilsgaard's review of the application that he points out an apparent conflict in the thinking of the Grand Junction examiners.

The brochure was forwarded to you on November 7, 1955.

E. N. Harshman

Enclosures

E. N. Harshman

HMC:pw

cc: Sec.Op.Comm. (2)
Harshman
Docket DMEA-4006
Chren

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

RECEIVED
DEC - 1 1955

224 New Customhouse
Denver 2, Colorado

November 29, 1955

Memorandum

To: J. F. Shaw
J. W. Hasler

From: E. N. Harshman, Acting Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-4006 (Uranium), Textah Uranium, Inc., Mary Doe, et al groups, San Juan County, Utah

Enclosed for your information is a copy of a letter from the Chairman of the Operating Committee and relevant memoranda from John E. Crawford and Thor E. Kiilsgaard, Uranium Commodity Committee members pertaining to the subject application.

Please note in Mr. Kiilsgaard's review of the application that he points out an apparent conflict in the thinking of the Grand Junction examiners.

The brochure was forwarded to you on November 7, 1955.

E. N. Harshman

Enclosures

E. N. Harshman

Surname copy

700

Murphy
Ellis
Leeson
Nelson
Selfridge

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

NOV 21 1955

Mr. Wysong Phillips, Secretary
Textah Uranium, Inc.
1714 Life of America Building
311 S. Akard Street
Dallas 1, Texas

Re: Docket No. DMEA-4006 (Uranium)
Mary Dee, et al., groups
San Juan County, Utah

Dear Mr. Phillips:

The application for assistance in exploring the subject groups of claims under the captioned docket number has been reviewed by the Rare and Miscellaneous Metals Division.

The DMEA Field Team, Region III, Mr. W. M. Traver, Executive Officer, 224 New Customhouse Building, Denver 2, Colorado, will schedule a field examination of your claims in the near future, if it has not already done so.

Any assistance you may give the members of the Field Team during the examination will be appreciated.

Sincerely yours,

Frank E. Johnson (for)

ACTING Administrator

FMMurphy/gla
10-18-55
cc to: Admr.'s Reading File
Docket
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)

Surname copy

700

Murphy
Elg
Selfridge
Hefferman

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

NOV 21 1955

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

Re: Docket No. DMEA-4006 (Uranium)
Tertak Uranium, Inc.
Mary Dee, et al., groups
San Juan County, Utah

Dear Mr. Traver:

This is to acknowledge your memorandum, dated November 8, 1955, and attached joint memorandum from J. W. Hasler, USGS, and M. H. Salsbury, USBM, recommending a field examination of the subject property.

Enclosed are copies of memoranda dated November 16 and 17, 1955, by Thor H. Kiilsgaard, USGS, and J. E. Crawford, USBM, respectively, relating to the above-docketed application.

In the event the Field Team recommends a project on the subject property, it should advise the Applicant that we will require six copies of a Subordination Agreement signed by J. Mack Jones. Mr. Jones holds a 10 percent overriding royalty according to the Quit Claim Deed, dated July 20, 1955, submitted with the application. Also, we will require the recording book and page number of the Applicant's claims.

Sincerely yours,

George C. Selfridge
Elg 257
Chairman, Operating Committee

Enclosures

APPROVED:
/s/ Robert W. Geehan
Elg 257
Member, Bureau of Mines

N. E. Nelson
N. E. Nelson Elg 257
Member, Geological Survey

FTMurphy/gla
11-18-55
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Murphy

11-17-55 izm

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

November 17, 1955

RECEIVED
NOV 17 1955

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 4006, Textah Uranium, Inc., San Juan County, Utah

I have reviewed the attached application of Textah Uranium, Inc., DMEA Docket 4006, dated August 16, 1955, and received in this office November 15. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The property of the Textah Uranium company lies in San Juan County, Utah, and consists of the Mary Doe, First Chance, Holdup, Violet, and Hawk claims.

The applicant's proposed exploration program would consist of drilling a fence of 25 holes across the claims perpendicular to a projected channel trend based on mineralized ground of adjacent claims. Drilling would be relatively deep, holes apparently to be bottomed from an approximate 700-foot minimum to an approximate 900-foot maximum in the Chinle formation. Holes would be spaced 300 feet apart. About 1,000 feet to the north, 7 holes would be drilled parallel to the fence, offsetting favorable holes drilled thereon. To the south, 7 more holes would be drilled at a similar distance and in a similar fashion. Thus, a total of 39 exploratory holes is proposed at a total DMEA estimated cost, including technical services, of $108,212.50.

A letter from Wysong Phillips to W. M. Traver, dated October 12, 1955, and attached to the application, indicates that the Textah Uranium company is in the process of having 3,000 feet of drilling done on the subject claims. The letter also indicates that logs of the holes and other pertinent data regarding the work will be provided the DMEA upon completion of the drilling project.

We prefer to withhold any comment regarding disposition of the application until the results of the drilling are given to this office for review. We note, however, that based on a preliminary perusal of the initial data provided, the field examiners have scheduled an investigation of the property.

For your information, Mr. Phillips' letter to Mr. Traver incorrectly states that the adjoining properties of Moab Mines Inc. are located in Sec. 36 of T 28 S, R 23 E, and Sec. 2 of T 29 S, R 23 E, San Juan County. The Moab Mines Inc. are actually located in Sec. 36, T 28 S, R 22 E, and Sec. 2, T 29 S, R 22 E, San Juan County, Utah.

John E. Crawford

John E. Crawford

Attachment

11-17-55

IN REPLY REFER TO:

RECEIVED
NOV 17 1955

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

November 16, 1955

Memorandum

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

From: Thor H. Kiilsgaard, U. S. Geological Survey

Subject: Review of application, DMEA Docket 4006, Textah Uranium, Inc., San Juan County, Utah.

The applicant proposes a program of 40 deep holes (depths ranging from 700 to 900 feet), the purpose of which would be to test the Mossback member of the Chinle formation in the Hatch Wash area south of Moab, Utah. The cost of the proposed work is estimated at $81,159.38.

Field examiners in Grand Junction note the property warrants a field examination and state they will schedule one as soon as possible. I concur with the proposed examination.

Although Grand Junction field examiners recommend an examination of the property, the reasons justifying a field examination are not clear to me. In this respect, I should like to point out an apparent conflict in the thinking of Grand Junction examiners, which I believe should be called to their attention.

In DMEA Docket 4027, Moab Mines, Inc., field examiners recommend the application be denied without a field examination. As reasons supporting their recommendation they note that the applicant has proposed prospecting in an area lacking in uranium outcrops, and which is too far to the northwest of the Lisbon Valley anticline and associated structures to be influenced in any way by those structures. However, in the present case, they recommend field examination of a property adjoining Moab Mines, Inc., on the west and north, and which is even farther away from Lisbon Valley structures than is the Moab Mines property. Furthermore, the present application is not as carefully prepared and documented as was that of Moab Mines, nor does the present application reflect any apparent reasons why it concerns a property better than that of Moab Mines, and which therefore is more warranting of a field examination.

The crux of this difference in field recommendations bears on a view which I have long held and frequently expressed: that field examiners should be extremely cautious of recommending denial without field examination and only exercise such an expediency in obviously isolated and completely unpromising properties. Had the field policy been to look at all applications coming from a district from which other applications had come in the past and from which more could be expected in the future, the present perplexing situation would have been avoided.

Thor H. Kiilsgaard

Thor H. Kiilsgaard

IN REPLY REFER TO:

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

RECEIVED
NOV 17 1955

November 16, 1955

Memorandum

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

From: Thor N. Killingsord, U. S. Geological Survey

Subject: Review of application, DMEA Docket 4006, Textah Uranium, Inc., San Juan County, Utah.

The applicant proposes a program of 40 deep holes (depths ranging from 700 to 900 feet), the purpose of which would be to test the Moenkopi member of the Chinle formation in the Hatch Wash area south of Moab, Utah. The cost of the proposed work is estimated at $81,159.30.

Field examiners in Grand Junction note the property warrants a field examination and state they will schedule one as soon as possible. I concur with the proposed examination.

Although Grand Junction field examiners recommend an examination of the property, the reasons justifying a field examination are not clear to me. In this respect, I should like to point out an apparent conflict in the thinking of Grand Junction examiners, which I believe should be called to their attention.

In DMEA Docket 4007, Moab Mines, Inc., field examiners recommend the application be denied without a field examination. As reasons supporting their recommendation they note that the applicant has proposed prospecting in an area lacking in uranium outcrops, and which is too far to the northwest of the Lisbon Valley anticline and associated structures to be influenced in any way by these structures. However, in the present case, they recommend field examination of a property adjoining Moab Mines, Inc., on the west and north, and which is even farther away from Lisbon Valley structures than is the Moab Mines property. Furthermore, the present application is not as carefully prepared and documented as was that of Moab Mines, nor does the present application reflect any apparent reasons why it concerns a property better than that of Moab Mines, and which therefore is more warranting of a field examination.

The crux of this difference in field recommendations bears on a view which I have long held and frequently expressed: that field examiners should be extremely cautious of recommending denial without field examination and only exercise such an expediency in obviously isolated and completely unpromising properties. Had the field policy been to look at all applications coming from a district from which other applications had come in the past and from which more would be expected in the future, the greatest perplexing situation would have been avoided.

Thor K. Kilsgaard

TKKilsgaard:iml
G-11/16/55

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

11-17-55 [illegible]

RECEIVED
NOV 17 1955

November 10, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Reg. III

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

Subject: Docket DMEA 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

The above brochure was received in this office on November 8, 1955.

An examination will be made and suitable report prepared by the Denver or Grand Junction office.

John F. Shaw

cc: 2 w/orig.
E. N. Harshman
J. W. Hasler
Sec. Op. Com (2)

11-10-55 [illegible]

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

November 8, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

Enclosed are four copies of a review of the subject application by members of the Grand Junction office which indicates that a field examination is warranted. Accordingly, our copy of the brochure has been forwarded to the engineer examiner with a request that a field examination and suitable report be rendered.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

November 7, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: J. William Hasler and M. H. Salsbury

Subject: DMEA docket 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

This is in reply to your inquiry of October 4, concerning recommendations for the advisability of a field examination of the above-mentioned property.

We have received the additional information requested from the applicant and have reviewed the applicant's brochure in light of the added information. It is recommended that the field examination be made on the subject property.

We will retain the brochure in this office and an examination will be scheduled as soon as possible.

J. William Hasler
J. William Hasler,
Geologist, USGS

M. H. Salsbury
M. H. Salsbury,
Engineer, USBM

JWH/mlr

cc: E. N. Harshman

November 10, 1955

RECEIVED
NOV 17 1955

Memorandum

To: Executive Officer, DMEA Field Team, Reg. III

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

Subject: Docket DMEA 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

The above brochure was received in this office on November 8, 1955.

An examination will be made and suitable report prepared by the Denver or Grand Junction office.

John F. Shaw

cc: 2 w/orig.
E. N. Harshman
J. W. Hasler

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

November 8, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

Enclosed are four copies of a review of the subject application by members of the Grand Junction office which indicates that a field examination is warranted. Accordingly, our copy of the brochure has been forwarded to the engineer examiner with a request that a field examination and suitable report be rendered.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1955
BUREAU OF MINES
DENVER, COLORADO

November 7, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: J. William Hasler and M. H. Salsbury

Subject: DMEA docket 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

This is in reply to your inquiry of October 4, concerning recommendations for the advisability of a fieldexamination of the above-mentioned property.

We have received the additional information requested from the applicant and have reviewed the applicant's brochure in light of the added information. It is recommended that the field examination be made on the subject property.

We will retain the brochure in this office and an examination will be scheduled as soon as possible.

J. William Hasler
J. William Hasler,
Geologist, USGS

M. H. Salsbury
M. H. Salsbury,
Engineer, USBM

JWH/mlr

cc: E. N. Harshman

11-10-55 zjm

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

November 8, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw
J. N. Kesler

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4006 (Uranium), Tentah Uranium, Inc., San Juan County, Utah

Enclosed is the subject application in the amount of $108,212.50. A field examination and suitable report are requested.

W. M. Traver

By W. M. Traver
J. W. Townsend

Enclosure

HMC:ab
cc: Sec. Op. Comm. (2)

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

November 8, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw
J. W. Easler

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4006 (Uranium), Tenteh Uranium, Inc., San Juan County, Utah

Enclosed is the subject application in the amount of $108,212.50. A field examination and suitable report are requested.

W. M. Traver

By J. W. Townsend

Enclosure

HMC:ab
cc: Sec. Op. Comm. (2)

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

November 7, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: J. William Hasler and M. H. Salsbury

Subject: DMEA docket 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

This is in reply to your inquiry of October 4, concerning recommendations for the advisability of a field examination of the above-mentioned property.

We have received the additional information requested from the applicant and have reviewed the applicant's brochure in light of the added information. It is recommended that the field examination be made on the subject property.

We will retain the brochure in this office and an examination will be scheduled as soon as possible.

J. William Hasler
J. William Hasler,
Geologist, USGS

M. H. Salsbury
M. H. Salsbury
Engineer, USBM

JWH/mlr

cc: E. N. Harshman

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

November 7, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: J. William Hasler and M. H. Salsbury

Subject: DMEA docket 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

This is in reply to your inquiry of October 4, concerning recommendations for the advisability of a field examination of the above-mentioned property.

We have received the additional information requested from the applicant and have reviewed the applicant's brochure in light of the added information. It is recommended that the field examination be made on the subject property.

We will retain the brochure in this office and an examination will be scheduled as soon as possible.

J. William Hasler
J. William Hasler,
Geologist, USGS

M. H. Salsbury
M. H. Salsbury,
Engineer, USBM

JWH/mir

cc: E. N. Harshman

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

October 17, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. W. Hasler

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

Attached is a copy of a letter from the applicant in reply to a letter from this office dated October 4, 1955.

W. M. Traver

W. M. Traver

Enclosure

HMC:ab
cc: Sec. Op. Comm.
Docket 4006
Harshman
Chron.

JONES, PHILLIPS & WATKINS
ATTORNEYS AT LAW
1214 LIFE OF AMERICA BUILDING
3. SMITH AKARD STREET
DALLAS 1, TEXAS
PROSPECT 8348

MARVIN JONES
WYSONG PHILLIPS
HARMON L WATKINS
HELEN W WATKINS

October 12, 1955

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

RE: DMEA-4006
Exploration Assistance
Rare & Miscellaneous Division

Dear Mr. Traver:

Thank you very much for your letter of October 4, 1955. Mr. J. Mack Jones, our engineer and president of our company, has given me the following information which answers the questions stated in your letter. As indicated, Mr. Jones will be in direct contact with you from Utah and furnishing you the materials requested as they are available to him. This information is as follows:

Indications in Hatches Wash N West of our claims approximately 2000 ft., Mr. Walter Kessell found outcropping Shinrump of 0.17% U_3O_8.

Trends in this area have run in NW - SE directions in general and our engineer believes this showing in Hatches Wash would trend to our claims.

We have a contract now to drill 300 ft. of hole on these claims and Mr. Jones is in Utah supervising this work. Upon completion logs will be mailed to your office immediately.

Adjoining properties to Textah Uranium are Section 36 of T 28 S, R 23 E, school section and lease now owned by Moab Mines, Inc.; Section 2 of T 29 S, R 23 E, San Juan County, also a school sec-

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

October 17, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. W. Kasler

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA 4006 (Uranium), Textah Uranium, Inc., San Juan County, Utah

Attached is a copy of a letter from the applicant in reply to a letter from this office dated October 4, 1955.

W. M. Traver

W. M. Traver

Enclosure

HMC:ab
cc: Sec. Op. Comm.
Docket 4006
Harshman
Chron.

JONES, PHILLIPS & WATKINS
ATTORNEYS AT LAW
1714 LIFE OF AMERICA BUILDING
311 SOUTH AKARD STREET
DALLAS 1, TEXAS
PROSPECT 8-3466

MARVIN JONES
WYSONG PHILLIPS
HARMON L WATKINS
HELEN W WATKINS

October 12, 1955

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

RE: DMEA-4006
Exploration Assistance
Rare & Miscellaneous Division

Dear Mr. Traver:

Thank you very much for your letter of October 4, 1955. Mr. J. Mack Jones, our engineer and president of our company, has given me the following information which answers the questions stated in your letter. As indicated, Mr. Jones will be in direct contact with you from Utah and furnishing you the materials requested as they are available to him. This information is as follows:

Indications in Hatches Wash N West of our claims approximately 2000 ft., Mr. Walter Kessell found outcropping Shinrump of 0.17% U_3O_8.

Trends in this area have run in NW - SE directions in general and our engineer believes this showing in Hatches Wash would trend to our claims.

We have a contract now to drill 3000 ft. of hole on these claims and Mr. Jones is in Utah supervising this work. Upon completion logs will be mailed to your office immediately.

Adjoining properties to Textah Uranium are Section 36 of T 28 S, R 23 E, school section and lease now owned by Moab Mines, Inc.; Section 2 of T 29 S, R 23 E, San Juan County, also a school sec-

October 7, 1955

Textah Uranium, Inc.
1714 Life of America Building
Dallas, Texas

Subject: DMEA-4006
Re: Exploration Assistance
Mary Dee, First Chance , etc.

Dear Mr. Phillips:

The receipt of your application dated August 16, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 4006 and referred to the Rare & Miscellaneous 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

60932

October 7, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region III.

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region III.

DMEA - 4006 Textah Uranium, Inc.

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

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

RECEIVED
OCT 6 - 1955

October 4, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA Aid, (Uranium), Unpatented Mining Claims in Sections 34 and 35, T. 28 S., R. 23 E., San Juan County, Utah

Enclosed are two copies of the subject application in the amount of $108,212.50. Also attached are two copies of our letter to the applicant requesting additional information and two copies of our memorandum to Mr. J. W. Hasler in the Grand Junction office.

W. M. Traver

Enclosures

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

RECEIVED
OCT 6 - 1955

October 4, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. W. Hasler

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA Aid, (Uranium), Unpatented Mining Claims in Sections 34 and 35, T. 28 S., R. 23 E., San Juan County, Utah

Enclosed is the subject application in the amount of $106,212.50. Also attached is a copy of a letter to the applicant requesting additional information.

In the event that the applicant furnishes sufficient information to process the application, will you please review the application with the Bureau of Mines representative in the Grand Junction office and promptly forward eight copies of your joint recommendations to this office concerning the advisability of a field examination.

W. M. Traver

W. M. Traver

Enclosures

WMC:ab
cc: Sec. Opr. Comm. (2)
Harshman
Hasler
Subject
Chron.
Shaw (2)

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

RECEIVED
OCT 6 - 1955

October 4, 1955

224 New Customhouse
Denver 2, Colorado

Mr. Wysong Phillips, Secretary
Textah Uranium, Inc.
1714 Life of America Building
311 So. Akard Street
Dallas 1, Texas

Re: Application for DMEA Aid, (Uranium), Textah Uranium, Inc., San Juan County, Utah

Dear Mr. Phillips:

This will acknowledge receipt of the DMEA application for Textah Uranium, Inc. on unpatented mining claims in Sections 34 and 35, T. 28 S., R. 23 E., San Juan County, Utah.

What evidence do you have that the trend of "Indications of good mineralization 2,000 feet from your property" is through your property? Has the prospecting on your property revealed a definite mineralized target area? Have any holes been drilled on your property? If so, please submit the logs of all holes drilled. We will also require four copies of the Book and Page of Recording on all mining claims which would be benefited as a result of your proposed exploration.

Will you please advise when we may expect to receive the above information so that we may continue to process your application.

We note that the royalty owners are agreeable to subordinate their respective interests and the Forms MF-201 which you requested will be forwarded you if they are required.

Very truly yours,

W. M. Traver

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

HMC:ab
cc: Sec. Opr. Comm. (2)
Shaw (2)
Hasler
Harshman
Subject
Chron.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
OCT 6 - 1955

OCT 3 1955
DENVER, COLORADO

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

Not to be filled in by applicant

Denver, Colorado

Docket No. DMEA - 4006
Metal or Mineral Uranium
Date Received 10-6-55
Estimated Cost 10,212.50
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: Textah Uranium, Inc. - A Delaware Corp
c/o Lysong Phillips, Sec'y. - 1714 Life of America Building
Dallas, Texas
J. Mack Jones, President, Corsicana, Texas
P. T. Pullwood, Treas., Corsicana, Texas

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Claims Mary Lee - 1 thru 12 - First Chance, 1 thru 10 - Roldup, 11 thru 14 - Violet, 1 & 2 - Hawk, 1 & 2 - and Lone Star - all in Section 34 & 35 T 28 S R 22 E SLM

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Deed - to Minerals

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

(*e*) If you own the land, describe any liens or encumbrances on it 10% Royalty to original owners

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Recorded Book _____ Page _____ San Juan County

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. None

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

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

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. 2 Miles off of U. S. 160 - 24 Miles south of Moab, Utah

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

16—66551-1

Equipment, Labor, Etc. to be by Contract with Drilling Contractor

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

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

(*c*) The work will start within 15 days and be completed within 6 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated August 16, 1955

TEXTAH URANIUM, INC
(Applicant)

By J. Mack Jones
J. MACK JONES, President

ATTEST:

Wysong Phillips
WYSONG PHILLIPS, Secretary.

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

TEXTAN URANIUM INC.
FAMILY GROUP CLAIMS
PROPOSED PRICE SCHEDULE OF WORK
SECTION 34 & 35, T 28 S R22E SLM

RECEIVED
OCT 6 - 1955

	UNITS	UNIT PRICE	TOTAL PRICE
Drill 40 holes - 800 ft.	32000'	$2.50	$ 80,000.00
Core - 40 holes - 40 ft.	1600'	3.50	5,600.00
Roads - 50 Hr. W/Dozer	50	12.50	625.00
Logs - 40 holes	40	90.00	3,600.00
Staking Drill Site & Elevations - 100 Hr.	100	13.50	1,350.00
Supervision - 6 months	6	1000.00	6,000.00
Transportation - 6 months	6	200.00	1,200.00
			98,375.00
Misc. & Contingencies (office Sec'y. Draftsman, Tel. & Tel., Etc.	10%		9,837.50
			108,212.50
	Textah		27,053.12
	DMEA Loan		$ 81,159.38

GEOLOGY REPORT FOR TEXTAN URANIUM, INC.
PROPERTIES T-28 R 22 E Section 34 & 35
SALT LAKE MERIDIAN
SAN JUAN CO., UTAH

RECEIVED
OCT 6 - 1955

These properties are known as the Mary Dee Claims 1 through 12, First Chance 1 through 10, Holdup 11 through 14, Hawk 1 and 2, Violet 1 and 2, and the Lone Star Claim. The company also holds option on Dillie 1, 2, 4 and 5, Champ and the Ace Claim 1 through 11. The Ace claims are located in Section 25 of the above Township and range. The company properties Mary Dee, First Chance, Holdup, Violet and Hawk all located within Sections 34 and 35 according to the attached map. They are on the north banks and across Coyote Wash and approximately 1000 ft. East of the West rim of Hatch Wash with the entire surface of these claims varying from the top of the Windgate Sandstone, Kayenta formation and the lower Navajo Sandstone. Coyote Wash as it cuts through these properties cuts through the Windgate and the Chinlee is exposed in Coyote Wash. The Moenkopi formation of the Chinlee (Chinlee "D") is exposed in Coyote and as some may call this the Chimarump Conglomerate, is also showing. Down Hatch Wash from the Junction of Coyote (northerly direction) the Moenkopi formation is exposed. The Axis of the Cape Creek anti-cline is along a NW-SE line approximately 1 mile NE of these claims. Along this anti-cline and on the flanks of this anti-cline NW of these claims is the school section on which climax made their discoveries. Cimota and American Energy Corporation works and the discoveries in Cane Creek Canyon by Montichristie Corporation showing a trend along the flanks of the

Axis of this anti-cline. This anti-cline also trends to meet in the SE direction the Big Indian and Lisbon Valley fault. This trend ranges from 3 to 11 miles NW of these claims and to the SE to the Big Indian rim.

To the West of the claims and on the western rim of Hatch Wash approximately 2000 feet from the nearest point on these claims Old Texas Mining Company has indications of good mineralization. The extent and percentage of ore U_3O_8 I do not know. This would indicate to the writer that the trend would be through the claims owned by this company.

PROPOSED PROGRAM

The proposed exploration program would be to drill a so called fence across these claims with the fence running in a NW-SE direction so as to be perpendicular to the channel trend of the ore bodies. The proposed drilling program would be based on an assumed depth of an average of 800' per hole with the topography showing approximately 200' difference.

The elevation of the surface which would mean the actual drilling depth would be variable from approximately 700' minimum to a little over 900' maximum. Spacing of these holes to be approximately 300' each as the terrain would economically allow. This would mean 25 holes for the first fence reach 7200' across this property on a diagonal with the other seven holes offsetting this approximately 1000' to the south and parallel to this base line and to the 7 holes north so that these second 2 fences of holes would check mineralization, found in the base fence lines. This would be a total of 39 or 40 holes to be drilled on the properties which would be necessary to explore channel trends. Prior to drilling it will be necessary to stake exact drilling locations, build drilling roads and run elevations of each drill site. After drilling and pouring is completed, run a log of each hole with a depth hole probe. The 40' immediately above the Keenkopi shall be cored in each hole.

It is also proposed to have a geiger counter to check all cuttings at all times and when mineralization is indicated, to pull a core at any given point. Due to the lack of drilling information it is proposed that recorded gamma ray logs be taken of each hole along the cores and cutting samples. It is believed most of this drilling can be done with air, however it is not uncommon for water to be found in the contact area of the Kindgate and Chinle

formations and in this case it would be necessary to use water drilling.

To complete this program it will be necessary to plot all mineralized zones, their exact location, intensity and depth and a true scale map so as to show the exact trend for the second two fences.

The exploration work in Coyote canyon has been hampered by the amount of talus from the Mindgate on top of Chinleo formation.

It is proposed J. Mack Jones, a Registered Civil Engineer in Texas, will be superintendent. He has had more than 20 years experience in heavy construction, dams, road, bridges, water plants, pipe lines and oil field work.

He is also a member of Theta Tau Mining Fraternity. Mr. Jones has had a Consulting Engineering Office of his own for the past 5 years.

We propose to pay our part of the program by cash on hand and services and performance of our employees - and equipment. It is also understood we may pay drilling contractor in issue of stock at par value as part payment.

JUL 27 11 56 AM '55

ARVILLA E. WARREN
RECORDER, SAN JUAN COUNTY
BY

8707

QUIT CLAIM DEED

J. MACK JONES, of Corsicana, Texas, whose wife is not and has not been a resident of the State of Utah, GRANTOR

RECEIVED
OCT 6 - 1955

HEREBY QUIT CLAIMS TO

TEXTAH URANIUM, INC. of Dallas, Texas, GRANTEE

For the sum of Ten Dollars ($10.00) and other considerations the following named unpatented mining claims and property lying and being situated in the County of San Juan, State of Utah, and described as follows:

Being in Sections 34 and 35, of Township 28 South, Range 23 East, Salt Lake Meridian; the names and numbers of said mining claims being as follows:

Mary Dee Noes. 1 to 12 inclusive
First Chance Nos. 1 to 10 inclusive
Violet Nos. 1 and 2
Holdup Nos. 11 to 14 inclusive
Hawk Nos. 1 and 2
Lone Star

RESERVING unto the Grantor a royalty on all of the above claims of ten per cent (10%) of the total production from each and all of said claims.

SUBJECT to the provision that Grantee shall begin development of said claims as soon as practicable; and, in any event, not later than May 15, 1956, and Grantee shall employ at least an average of Two Hundred and Forty (240) man hours per month in Forty (40) man shifts with the Grantee carrying Workmen's Compensation on all operations where required by law;

SUBJECT to the provision that the Grantor shall participate in all grade bonuses paid for the development of said claims, provided, however, that Grantor shall at no time participate in any development bonuses to be received by the developer of said mining claims.

WITNESS THE HAND of said Grantor this 20th day of July, 1955.

J. Mack Jones

STATE OF TEXAS :

COUNTY OF DALLAS :

Before me, the undersigned, a Notary Public in and for said county and state, on this day personally appeared J. Mack Jones, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 20th day of July, A.D., 1955.

Wyoard Tull Cizz
Notary Public in and for
Dallas County, Texas

Entry No. [illegible]
Recorded [illegible] At [illegible] M. Book [illegible] Page [illegible]
FEE PAID
ARVILLA E. WARREN,
San Juan County Recorder
$ ..... By ..... Deputy

CORE DRILLING PHONE 5-2207 MINING

APEX EXPLORATION CO.
711 HULMAN BUILDING
EVANSVILLE 8, INDIANA

BRANCH OFFICE
SUITE 1, ARCHES BUILDING
TELEPHONE 4451
MOAB, UTAH

September 2, 1955

Mr. J. Mack Jones
Textah Uranium Company
1713 Life of America Building
Dallas, Texas

Dear Sir:

The drilling on your property in San Juan County, Utah will be 650 feet to 900 feet and can probably be done dry. Our bid on this type work for 30,000 feet would be as follows:

Plug drilling with air, 30,000 feet (Including 20 feet of core per hole) (Additional core at $5.00 per foot)	$75,000.00
Plug drilling with mud, 30,000 feet (Including 20 feet of core per hole) (Drilling mud and water to be furnished by operator if lost circulation occurs)	$90,000.00

The above bid does not include road or location work which is to be supplied by operator.

If greater detail is desired, kindly notify me and it will be furnished.

Very truly yours,
Apex Exploration Co.

By: E. J. Mayhew

E. J. Mayhew

EJM:jj

9

B. W. BURFORD
PRESIDENT

JIM W. CROFFORD
SEC.-TREAS.

OLD TEXAS MINING COMPANY

P. O. BOX 502
MOAB, UTAH

September 7, 1955

Textah Uranium Co.
c/o J.Mack Jones
1714 Life of America Bldg.
Dallas, Texas

Dear Mr. Jones:

We can quote you the following tentative price for deep hole drilling in the area of Coyote Wash, San Juan County, Utah.

Shot hole drilling: to depths of not over 1000 feet:

$3.25 per foot.

Diamond core drilling: at depths of not over 1000 feet:

$7.00 per foot.

All bulldozer work with TD-18 tractor: $15.00 per hour.

Thank you very much for your request.

OLD TEXAS MINING COMPANY

Kenneth D. Wahlquist II

Kenneth D. Wahlquist II
Manager

PIPE
PUMPS

CASING
CORE DRILLNIG

E. E. HUBBARD

PHONE 4296
MOAB, UTAH

May 29, 1955.

J. Mack Jones
Corsicana, Texas.

Dear Sir,

Our price structure for core drilling in this area is as follows,

Plug or sample drilling with air $2.25 ppf.
" " " " " fluid 2.75 " "

For coring after 40 ft of core in each hole - $3.50 ppf.

Core recovery in your claim area is very good. We operate 24 hrs a day 6 days per week. I can furnish you with a certificate of insurance for your protection.

Sincerely
E. E. Hubbard.

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

RECEIVED
OCT 6 - 1955

October 4, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA Aid, (Uranium), Unpatented Mining Claims in Sections 34 and 35, T. 28 S., R. 23 E., San Juan County, Utah

Enclosed are two copies of the subject application in the amount of $108,212.50. Also attached are two copies of our letter to the applicant requesting additional information and two copies of our memorandum to Mr. J. W. Hasler in the Grand Junction office.

W. M. Traver

W. M. Traver

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
OCT 3 1955
BUREAU OF MINES
Denver, Colorado

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

OCT 6 - 1955

Not to be filled in by applicant

Docket No. DMEA 4006
Metal or Mineral Uranium
Date Received 10-6-55
Estimated Cost 108,212.50
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: Textah Uranium, Inc. - Delaware Corp
c/o Lysong Phillips, Sec'y. - 1714 Life of America Building
Dallas, Texas J. Mack Jones, President, Corsicana, Texas
P. T. Fullwood, Treas., Corsicana, Texas

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Claims Mary Dee - 1 thru 12 - First Chance, 1 thru 10 - Holdup, 11 thru 14 - Violet, 1 & 2 - Hawk, 1 & 2 - and Lone Star - all in Section 34 & 35 T 28 S R 22 E SLM

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Quit Claim Deed - to Minerals

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

(*e*) If you own the land, describe any liens or encumbrances on it 10% Royalty to original owners

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Recorded Book _____ Page _____ San Juan County

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

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. 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 Geology Report attached & Maps attached

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. 2 Miles off of U. S. 160 - 24 Miles south of Moab, Utah

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

16—66551-1

Equipment, Labor, Etc. to be by Contract with Drilling Contractor

Uranium

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

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

(*c*) The work will start within 15 days and be completed within 6 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 Yes of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

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

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

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated August 16, 1955

TEXTAH URANIUM, INC
(Applicant)

By J. Mack Jones
J. MACK JONES, President

ATTEST:

Wysong Phillips
WYSONG PHILLIPS, Secretary.

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

TEXTAH URANIUM INC.
FAMILY GROUP CLAIMS
PROPOSED PRICE SCHEDULE OF WORK
SECTION 34 & 35, T 28 S R22E SLM

RECEIVED
OCT 6 - 1955

	UNITS	UNIT PRICE	TOTAL PRICE
Drill 40 holes - 800 ft.	32000'	$2.50	$ 80,000.00
Core - 40 holes - 40 ft.	1600'	3.50	5,600.00
Roads - 50 Hr. W/Dozer	50	12.50	625.00
Logs - 40 holes	40	90.00	3,600.00
Staking Drill Site & Elevations - 100 Hr.	100	13.50 ?	1,350.00
Supervision - 6 months	6	1000.00	6,000.00
Transportation - 6 months	6	200.00	1,200.00
			98,375.00
Misc. & Contingencies (office Sec'y. Draftsman, Tel. & Tel., Etc.	10%		9,837.50
			108,212.50
	Textah		27,053.12
	DMEA Loan		$ 81,159.38

4027

GEOLOGY REPORT FOR TEXTAH URANIUM, INC.
PROPERTIES T-28 R 22 E Section 34 & 35
SALT LAKE MERIDIAN
SAN JUAN CO., UTAH

RECEIVED
OCT 6 - 1955

These properties are known as the Mary Dee Claims 1 through 12, First Chance 1 through 10, Holdup 11 through 14, Hawk 1 and 2, Violet 1 and 2, and the Lone Star Claim. The company also holds option on Billie 1, 2, 4 and 5, Champ and the Ace Claim 1 through 11. The Ace claims are located in Section 25 of the above Township and range. The company properties Mary Dee, First Chance, Holdup, Violet and Hawk all located within Sections 34 and 35 according to the attached map. They are on the north banks and across Coyote Wash and approximately 1000 ft. East of the West rim of Hatch Wash with the entire surface of these claims varying from the top of the Windgate Sandstone, Kayenta formation and the lower Navajo Sandstone. Coyote Wash as it cuts through these properties cuts through the Windgate and the Chinlee is exposed in Coyote Wash. The Mossback formation of the Chinlee (Chinlee "D") is exposed in Coyote and as some may call this the Shimarump Conglomerate, is also showing. Down Hatch Wash from the Junction of Coyote (northerly direction) the Moenkopi formation is exposed. The Axis of the Cape Creek anti-cline is along a NW-SE line approximately 1 mile NE of these claims. Along this anti-cline and on the flanks of this anti-cline NW of these claims is the school section on which climax made their discoveries. Cimota and American Energy Corporation works and the discoveries in Cane Creek Canyon by Montichristie Corporation showing a trend along the flanks of the

Axis of this anti-cline. This anti-cline also trends to meet in the SE direction the Big Indian and Lisbon Valley fault. This trend ranges from 3 to 11 miles NW of these claims and to the SE to the Big Indian rim.

To the West of the claims and on the western rim of Hatch Wash approximately 2000 feet from the nearest point on these claims Old Texas Mining Company has indications of good mineralization. The extent and percentage of ore U3O8 I do not know. This would indicate to the writer that the trend would be through the claims owned by this company.

PROPOSED PROGRAM

The proposed exploration program would be to drill a so called fence across these claims with the fence running in a NE-SW direction so as to be perpendicular to the channel trend of the ore bodies. The proposed drilling program would be based on an assumed depth of an average of 800' per hole with the topography showing approximately 200' difference.

The elevation of the surface which would mean the actual drilling depth would be variable from approximately 700' minimum to a little over 900' maximum. Spacing of these holes to be approximately 300' each as the terrain would economically allow. This would mean 25 holes for the first fence reach 7200' across this property on a diagonal with the other seven holes offsetting this approximately 1000' to the south and parallel to this base line and to the 7 holes north so that these second 2 fences of holes would check mineralization, found in the base fence lines. This would be a total of 39 or 40 holes to be drilled on the properties which would be necessary to explore channel trends. Prior to drilling it will be necessary to stake exact drilling locations, build drilling roads and run elevations of each drill site. After drilling and pouring is completed, run a log of each hole with a depth hole probe. The 40' immediately above the Moenkopi shall be cored in each hole.

It is also proposed to have a geiger counter to check all cuttings at all times and when mineralization is indicated, to pull a core at any given point. Due to the lack of drilling information it is proposed that recorded gamma ray logs be taken of each hole along the cores and cutting samples. It is believed most of this drilling can be done with air, however it is not uncommon for water to be found in the contact area of the Windgate and Chinlee

formations and in this case it would be necessary to use water drilling.

To complete this program it will be necessary to plot all mineralized zones, their exact location, intensity and depth and a true scale map so as to show the exact trend for the second two fences.

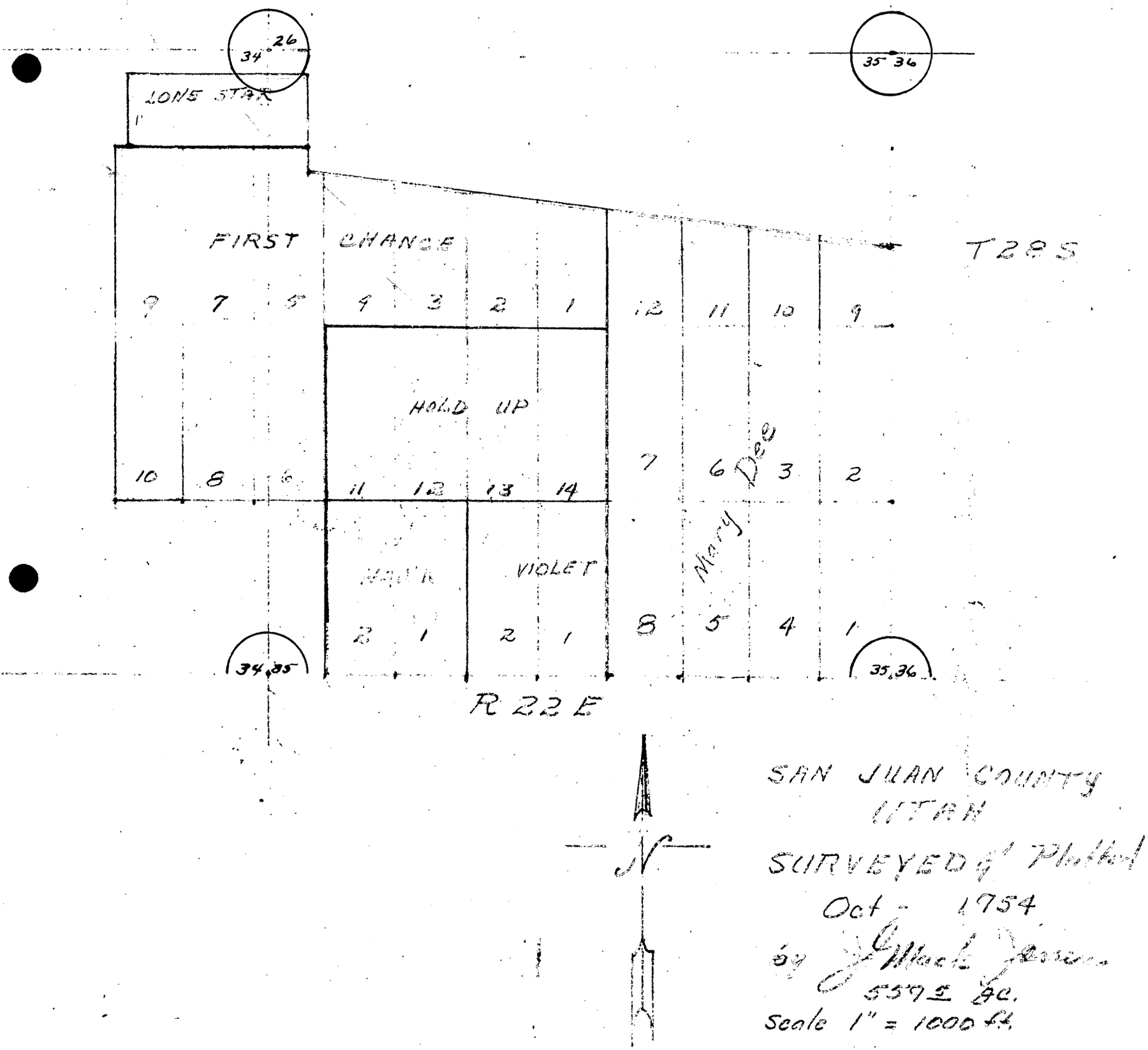
The exploration work in Coyote canyon has been hampered by the amount of talus from the Windgate on top of Chinlee formation.

It is proposed J. Mack Jones, a Registered Civil Engineer in Texas, will be superintendent. He has had more than 20 years experience in heavy construction, dams, road, bridges, water plants, pipe lines and oil field work.

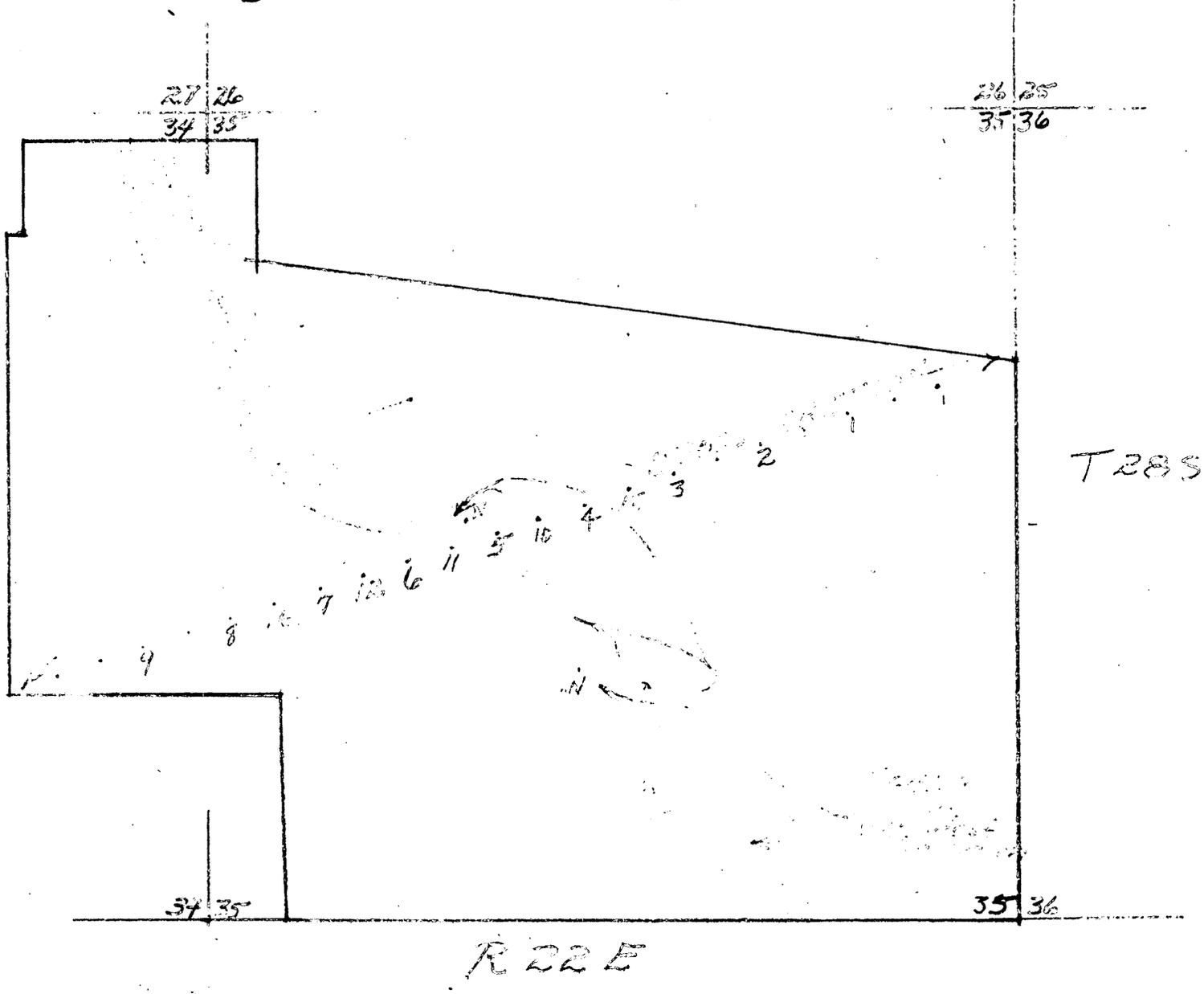
He is also a member of Theta Tau Mining Fraternity. Mr. Jones has had a Consulting Engineering Office of his own for the past 5 years.

We propose to pay our part of the program by cash on hand and services and performance of our employees - and equipment. It is also understood we may pay drilling contractor in issue of stock at par value as part payment.

[illegible] will DIVE [illegible] transfer to [illegible]


34
26
35
36
LONE STAR
FIRST CHANCE
T28S
9
7
5
4
3
2
1
12
11
10
9
HOLD UP
10
8
6
11
12
13
14
7
6
3
2
Mary Dee
HAWK
VIOLET
2
1
2
1
8
5
4
1
34,35
35,36
R 22 E
N
SAN JUAN COUNTY
UTAH
SURVEYED & Platted
Oct - 1954
by
557± Ac.
Scale 1" = 1000 ft.

RECEIVED
OCT 6 - 1955



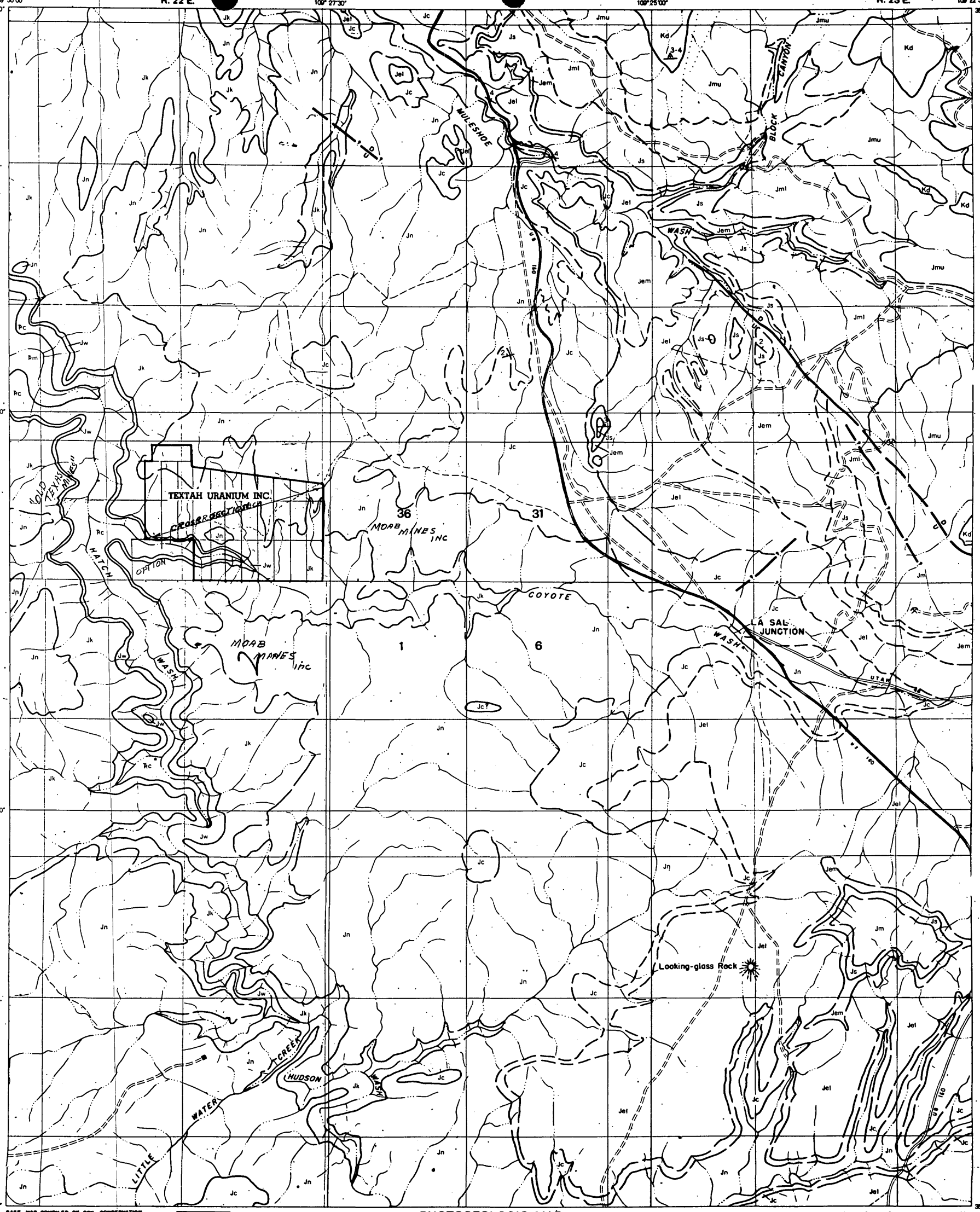
Radius of Drill
Hole —
SURVEYED
Rec'd Nov. Aug. 95
by
Scale 1" = 1000'

RECEIVED
OCT 6 - 1955

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

COMPILATION OF PHOTOGEOLOGY AND SURFACE GEOLOGY
COLORADO PLATEAU AREA, UNITED STATES



EXPLANATION

Lower & Upper	Kd — Dakota sandstone including Lower Cretaceous Burro Canyon formation (Burro Canyon formation cannot be differentiated on aerial photography)	CRETACEOUS
Upper	Jmu, Jml, Jm — Morrison formation Upper unit Jmu; Lower unit Jml; including Salt Wash sandstone member	JURASSIC
	Js — Summerville formation	
	Jem, Jel — Entrada formation Moab sandstone member, Jem; lower member Jel	
Middle & Upper	Jc — Carmel formation	
	Jn — Navajo sandstone	JURASSIC (?)
	Jk — Kayenta formation	
	Jw — Wingate sandstone	
Upper	Ꞧc — Chinle formation	TRIASSIC
Lower	Ꞧm — Moenkopi formation	

BASE MAP COMPILED BY SOIL CONSERVATION SERVICE, U.S. DEPT. OF AGRICULTURE

MARCH 1952

4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16

MT. PEALE QUADRANGLE

TRUE NORTH

PHOTOGEOLOGIC MAP
MT. PEALE - 5
SAN JUAN COUNTY, UTAH

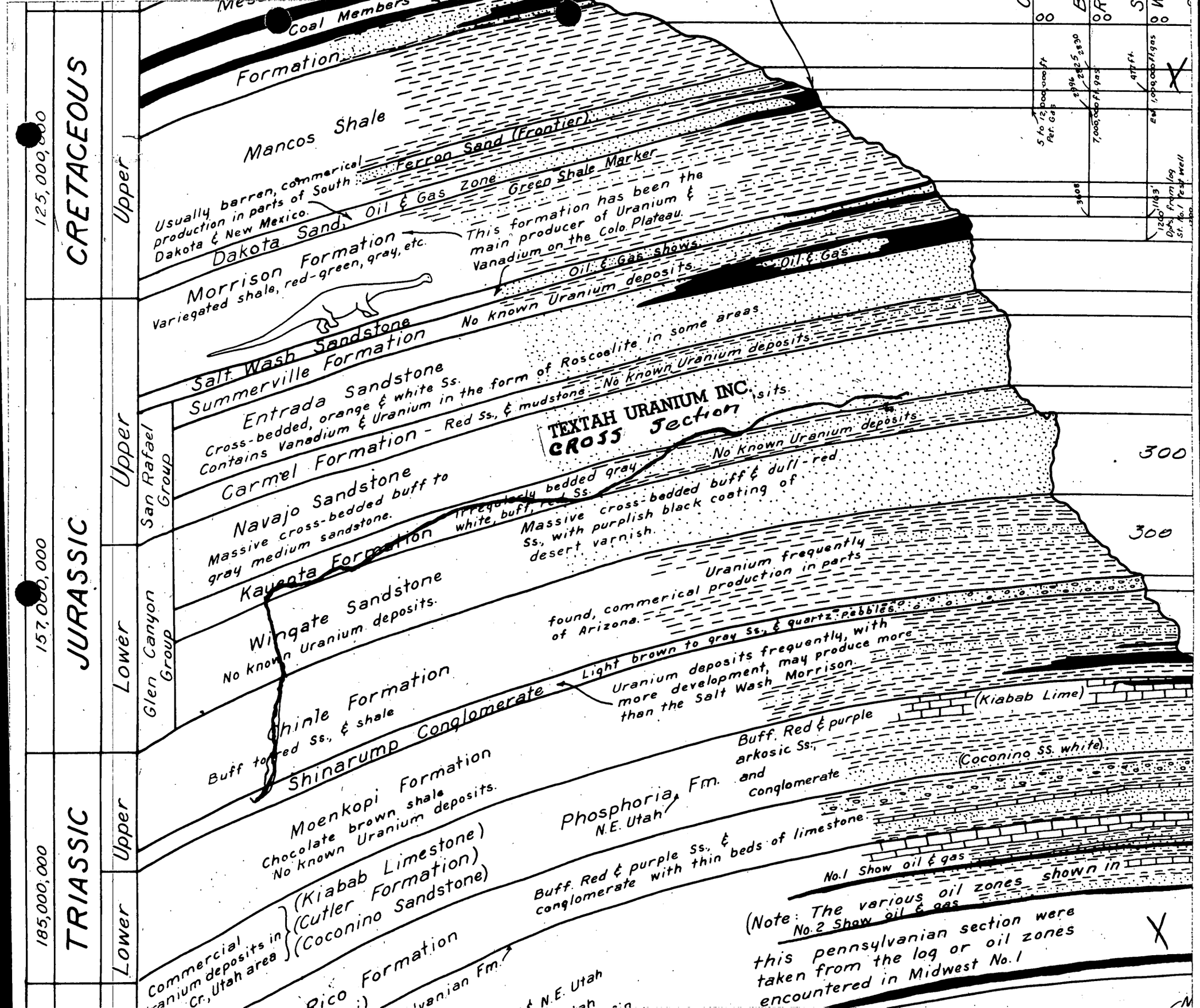
PHOTOGEOLOGY BY G.E. TOLBERT

SCALE 1:24,000

Stratigraphic column for this area modified from U. S. Geol. Survey Bull. 841.

U 267 SW

RECEIVED
OCT 6 - 1955


TEXTAH URANIUM INC.
CROSS Section
CRETACEOUS
JURASSIC
TRIASSIC
Upper
Lower
San Rafael Group
Glen Canyon Group
125,000,000
157,000,000
185,000,000
Coal Members
Formation
Mancos Shale
Usually barren, commerical production in parts of South Dakota & New Mexico.
Ferron Sand (Frontier)
Dakota Sand, Oil & Gas Zone
Green Shale Marker
Morrison Formation
Variegated shale, red-green, gray, etc.
This formation has been the main producer of Uranium & Vanadium on the Colo. Plateau.
Oil & Gas shows.
Oil & Gas
Salt Wash Sandstone
No known Uranium deposits.
Summerville Formation
Entrada Sandstone
Cross-bedded, orange & white Ss.
Contains Vanadium & Uranium in the form of Roscoelite in some areas.
Carmel Formation - Red Ss., & mudstone - No Known Uranium deposits.
Navajo Sandstone
Massive cross-bedded buff to gray medium sandstone.
Kayenta Formation
Irregularly bedded gray, white, buff, red Ss.
No Known Uranium deposits
Massive cross-bedded buff & dull-red Ss., with purplish black coating of desert varnish.
Wingate Sandstone
No known Uranium deposits.
Uranium frequently found, commerical production in parts of Arizona.
Chinle Formation
Buff to red Ss., & shale
Shinarump Conglomerate
Light brown to gray Ss., & quartz pebbles.
Uranium deposits frequently, with more development, may produce more than the Salt Wash Morrison.
Moenkopi Formation
Chocolate brown shale
No Known Uranium deposits.
(Kiabab Lime)
Buff, Red & purple arkosic Ss., and conglomerate
(Coconino SS. white)
Phosphoria Fm. N.E. Utah
Commercial uranium deposits in Cr. Utah area
(Kiabab Limestone)
(Cutler Formation)
(Coconino Sandstone)
Buff, Red & purple Ss., & conglomerate with thin beds of limestone.
No.1 Show oil & gas
No.2 Show oil & gas
(Note: The various oil zones shown in this pennsylvanian section were taken from the log or oil zones encountered in Midwest No.1
Rico Formation
Pennsylvanian Fm.
N.E. Utah
5 to 12,000,000 ft Ref. Gas
2896
2825
2830
7,000,000 ft. gas
3008
477 ft.
Est 1,000,000 ft gas
1200
1163'
Dpts. from log St. No.1 Test well
300
300

RECEIVED
OCT 6 - 1955

JUL 27 11 56 AM '55

ARVILLA E. WARD
RECORDER, SAN JUAN COUNTY
BY

8707

QUIT CLAIM DEED

J. MACK JONES, of Corsicana, Texas, whose wife is not and has not been a resident of the State of Utah, GRANTOR

RECEIVED
OCT 6 - 1955

HEREBY QUIT CLAIMS TO

TEXTAH URANIUM, INC. of Dallas, Texas, GRANTEE

For the sum of Ten Dollars ($10.00) and other considerations the following named unpatented mining claims and property lying and being situated in the County of San Juan, State of Utah, and described as follows:

Being in Sections 34 and 35, of Township 28 South, Range 23 East, Salt Lake Meridian; the names and numbers of said mining claims being as follows:

Mary Dee Noes. 1 to 12 inclusive
First Chance Nos. 1 to 10 inclusive
Violet Nos. 1 and 2
Holdup Nos. 11 to 14 inclusive
Hawk Nos. 1 and 2
Lone Star

RESERVING unto the Grantor a royalty on all of the above claims of ten per cent (10%) of the total production from each and all of said claims.

SUBJECT to the provision that Grantee shall begin development of said claims as soon as practicable; and, in any event, not later than May 15, 1956, and Grantee shall employ at least an average of Two Hundred and Forty (240) man hours per month in Forty (40) man shifts with the Grantee carrying Workmen's Compensation on all operations where required by law;

SUBJECT to the provision that the Grantor shall participate in all grade bonuses paid for the development of said claims, provided, however, that Grantor shall at no time participate in any development bonuses to be received by the developer of said mining claims.

WITNESS THE HAND of said Grantor this 20th day of July, 1955.

J. Mack Jones

STATE OF TEXAS :

COUNTY OF DALLAS :

Before me, the undersigned, a Notary Public in and for said county and state, on this day personally appeared J. Mack Jones, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 20th day of July, A.D., 1955.

Wyoard Tullis

Notary Public in and for
Dallas County, Texas

Entry No. ..... Fee

Recorded ..... At ..... M. Book ..... Page .....

FEE PAID

ARVILLA E. WARREN,
San Juan County Recorder

$ ..... By ..... Deputy

CORE DRILLING PHONE 5-2207 MINING

APEX EXPLORATION CO.
711 HULMAN BUILDING
EVANSVILLE 8, INDIANA

BRANCH OFFICE
SUITE 1, ARCHES BUILDING
TELEPHONE 4451
MOAB, UTAH

September 2, 1955

Mr. J. Mack Jones
Textah Uranium Company
1713 Life of America Building
Dallas, Texas

Dear Sir:

The drilling on your property in San Juan County, Utah will be 650 feet to 900 feet and can probably be done dry. Our bid on this type work for 30,000 feet would be as follows:

Plug drilling with air, 30,000 feet (Including 20 feet of core per hole) (Additional core at $5.00 per foot)	$75,000.00
Plug drilling with mud, 30,000 feet (Including 20 feet of core per hole) (Drilling mud and water to be furnished by operator if lost circulation occurs)	$90,000.00

The above bid does not include road or location work which is to be supplied by operator.

If greater detail is desired, kindly notify me and it will be furnished.

Very truly yours,
Apex Exploration Co.

By: E. J. Mayhew

E. J. Mayhew

EJM:jj

9

B. W. BURFORD
PRESIDENT

JIM W. CROFFORD
SEC.-TREAS.

OLD TEXAS MINING COMPANY

P. O. BOX 502
MOAB, UTAH

September 7, 1955

Textah Uranium Co.
c/o J.Mack Jones
1714 Life of America Bldg.
Dallas, Texas

Dear Mr. Jones:

We can quote you the following tentative price for deep hole drilling in the area of Coyote Wash, San Juan County, Utah.

Shot hole drilling: to depths of not over 1000 feet:

$3.25 per foot.

Diamond core drilling: at depths of not over 1000 feet:

$7.00 per foot.

All bulldozer work with TD-18 tractor: $15.00 per hour.

Thank you very much for your request.

OLD TEXAS MINING COMPANY

Kenneth D. Wahlquist II

Kenneth D. Wahlquist II
Manager

PIPE
PUMPS

CASING
CORE DRILLNIG

E. E. HUBBARD

PHONE 4296
MOAB, UTAH

May 29, 1955.

J. Mack Jones
Conscana, Texas.

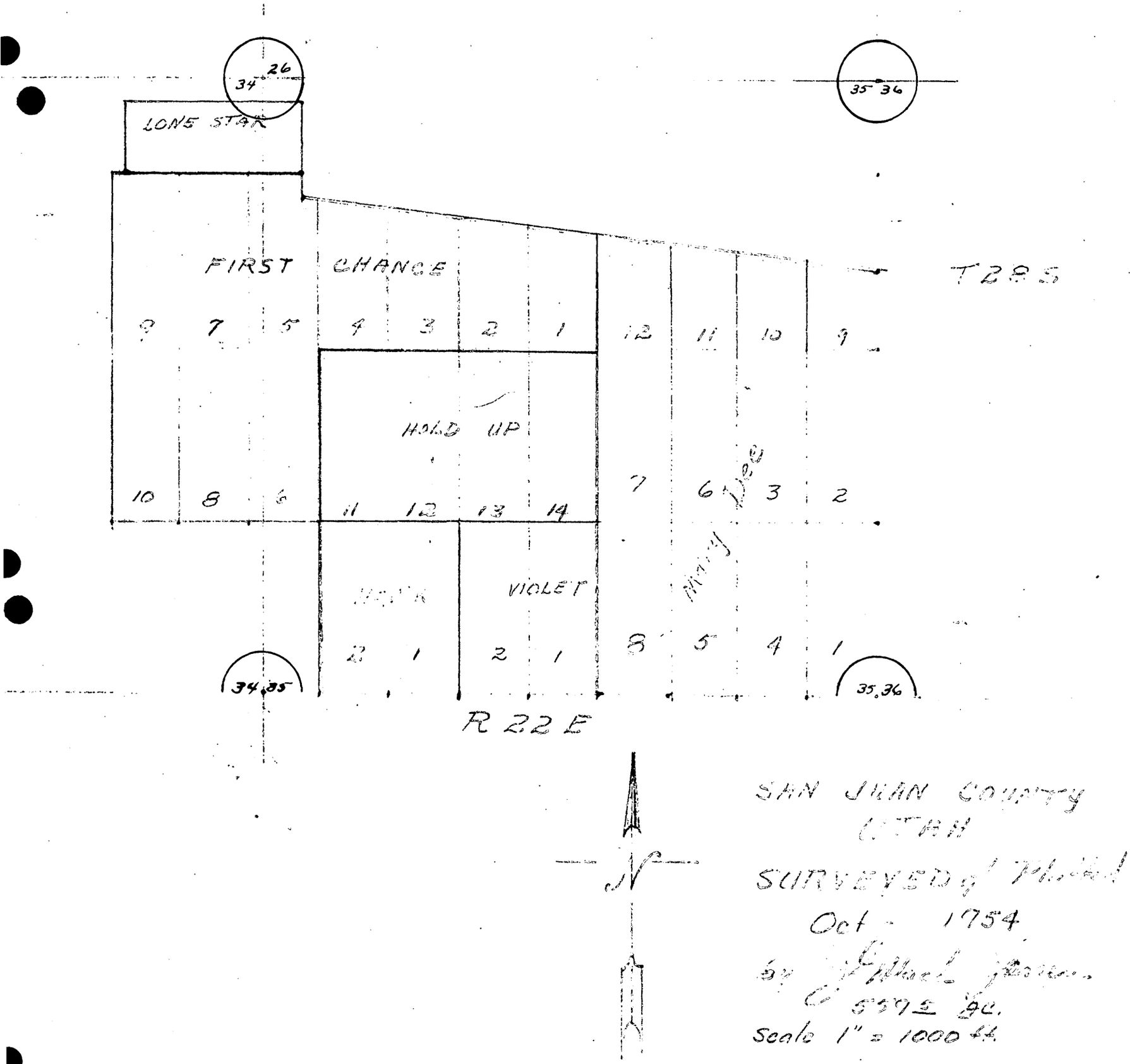
Dear Sir,
Our price structure for core drilling in this area is as follows.

Plug or sample drilling with air $2.25 p/ft.
" " " " " fluid 2.75 " "

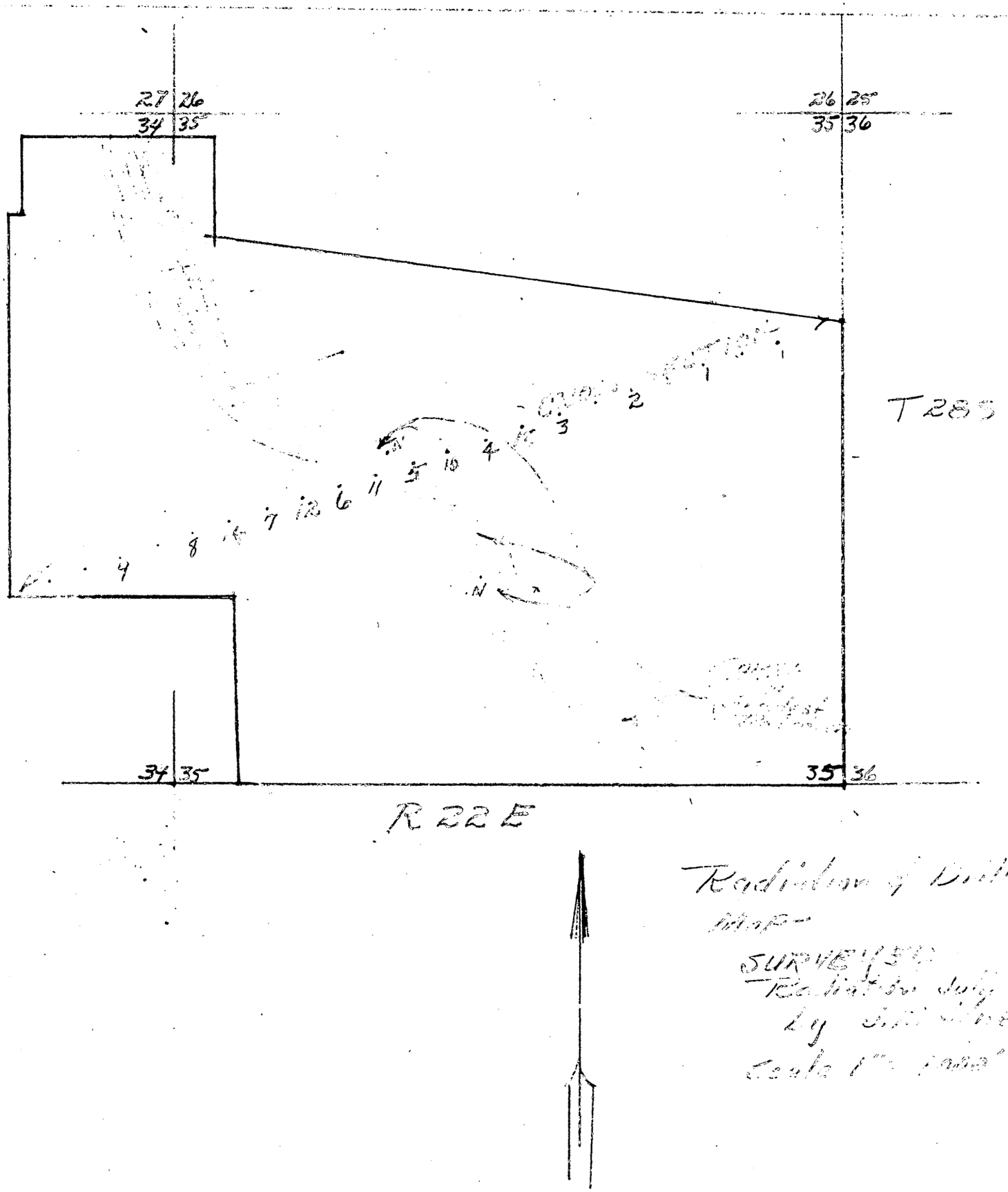
For coring after 40 ft of core in each hole - $3.50 p/ft.

Core recovery in your claim area is very good. We operate 24 hrs a day 6 days per week. I can furnish you with a certificate of insurance for your protection.

Sincerely
E. E. Hubbard.

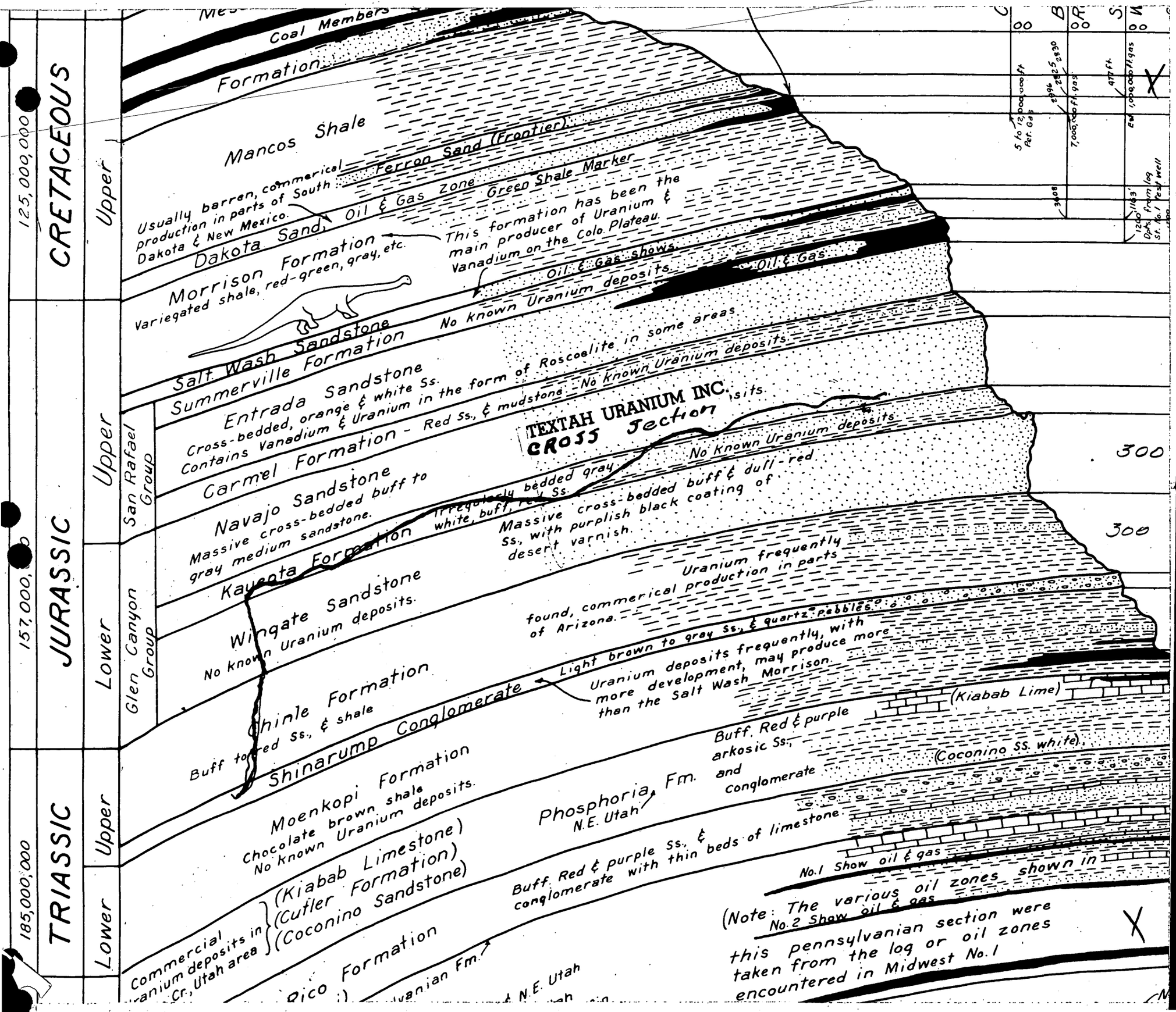

26
34
35 36
LONE STAR
FIRST CHANCE
T29S
9 7 5 4 3 2 1 12 11 10 9
HOLD UP
10 8 6 11 12 13 14 7 6 3 2
MARY DEE
VIOLET
2 1 2 1 8 5 4 1
34 35
35 36
R 22 E
N
SAN JUAN COUNTY
UTAH
SURVEYED by Phillips
Oct - 1954
by Ethel Jones
5595 Ac.
Scale 1" = 1000 ft.

RECEIVED
OCT 6 - 1955



Radiation Drill
Map -
SURVEY
Radiation July 35
by [illegible]
Scale 1" = [illegible]

RECEIVED
OCT 6 - 1955

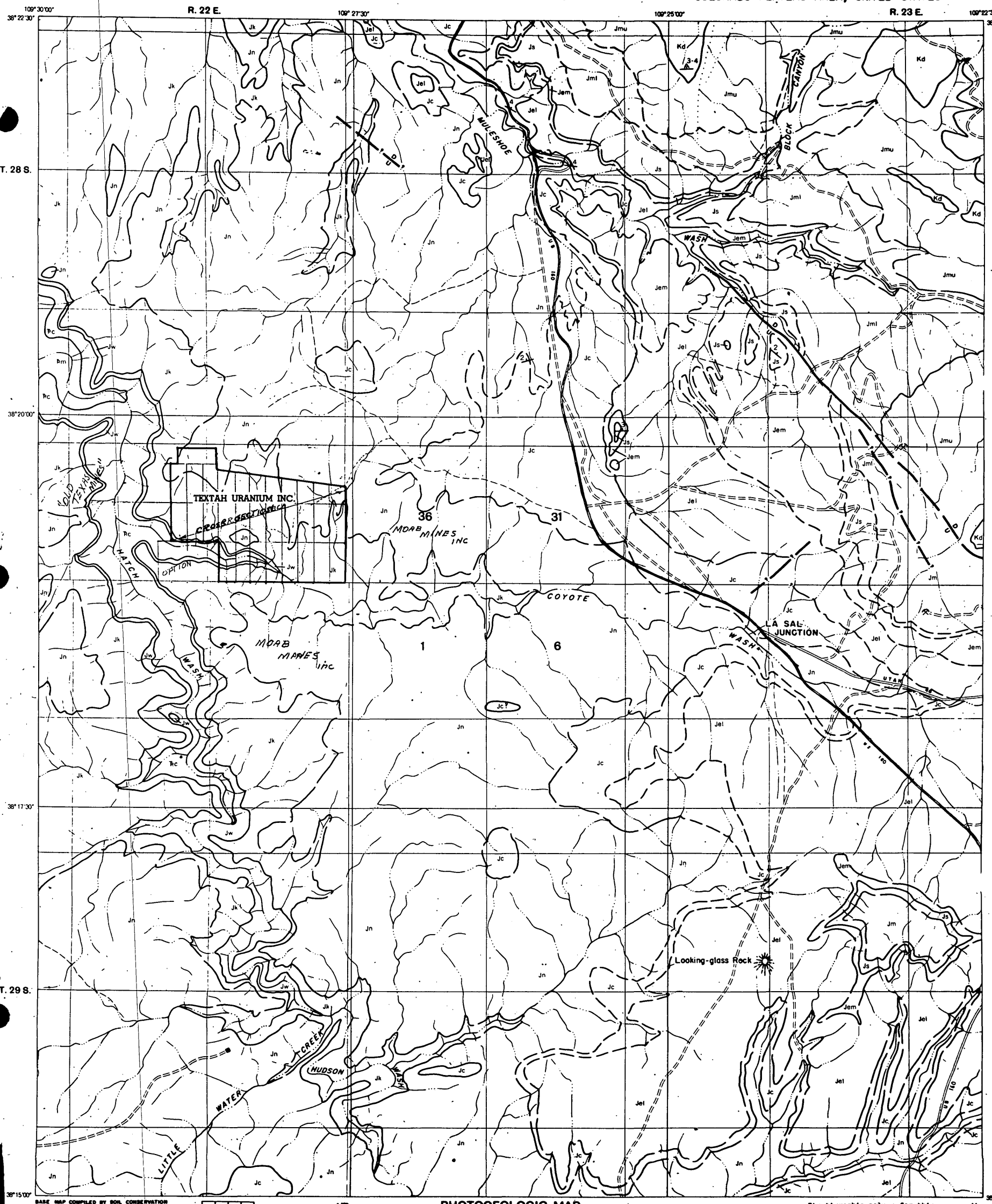

TEXTAH URANIUM INC.
CROSS Section
Coal Members
Formation
Mancos Shale
Usually barren, commerical production in parts of South Dakota & New Mexico.
Ferron Sand (Frontier)
Dakota Sand, Oil & Gas Zone
Green Shale Marker
Morrison Formation
Variegated shale, red-green, gray, etc.
This formation has been the main producer of Uranium & Vanadium on the Colo. Plateau.
Oil & Gas shows
Oil & Gas
Salt Wash Sandstone
No known Uranium deposits
Summerville Formation
Entrada Sandstone
Cross-bedded, orange & white Ss.
Contains Vanadium & Uranium in the form of Roscoelite in some areas
Carmel Formation - Red Ss., & mudstone - No Known Uranium deposits.
Navajo Sandstone
Massive cross-bedded buff to gray medium sandstone.
Kayenta Formation
Irregularly bedded gray, white, buff, red Ss.
No Known Uranium deposits
Massive cross-bedded buff & dull-red Ss., with purplish black coating of desert varnish.
Wingate Sandstone
No known Uranium deposits.
Uranium frequently found, commerical production in parts of Arizona.
Chinle Formation
Buff to red Ss., & shale
Shinarump Conglomerate
Light brown to gray Ss., & quartz pebbles.
Uranium deposits frequently, with more development, may produce more than the Salt Wash Morrison.
Moenkopi Formation
Chocolate brown shale
No known Uranium deposits.
Phosphoria Fm. N.E. Utah
Buff, Red & purple arkosic Ss., and conglomerate
(Kiabab Lime)
(Coconino Ss. white)
Commercial uranium deposits in Cr., Utah area
(Kiabab Limestone)
(Cutler Formation)
(Coconino Sandstone)
Buff, Red & purple Ss., & conglomerate with thin beds of limestone.
No.1 Show oil & gas
No.2 Show oil & gas
(Note: The various oil zones shown in this pennsylvanian section were taken from the log or oil zones encountered in Midwest No.1
Rico Formation
Pennsylvanian Fm.
N.E. Utah
Upper
Lower
CRETACEOUS
JURASSIC
TRIASSIC
San Rafael Group
Glen Canyon Group
125,000,000
157,000,000
185,000,000
300
300

RECEIVED
OCT 6 - 1955

U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

COMPILATION OF PHOTOGEOLOGY AND SURFACE GEOLOGY
COLORADO PLATEAU AREA, UNITED STATES



BASE MAP COMPILED BY SOIL CONSERVATION SERVICE, U.S. DEPT. OF AGRICULTURE

MARCH 1952

MT. PEALE QUADRANGLE

PHOTOGEOLOGIC MAP
MT. PEALE - 5
SAN JUAN COUNTY, UTAH

PHOTOGEOLOGY BY G.E. TOLBERT

SCALE 1:24,000

Stratigraphic column for this area modified from U. S. Geol. Survey Bull. 841.

U 267 SW

RECEIVED
OCT 6 - 1955