Surname copy

700

Murphy
Ellis
Nelson
Gechan
Selfridge

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

Mr. Fred Carson, President
Capitol Uranium Company
803 W. Main; Box 1847
Farmington, New Mexico

SEP 23 1955

Re: Docket No. DMEA-3929 (Uranium)
Hulse Homestead
San Juan County, Utah

Gentlemen:

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

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

Careful study of all our information indicates to us that the probability of disclosing minable ore reserves by your proposed program is not sufficiently promising to justify Government participation. We regret to advise you, under these circumstances, that your application for exploration assistance is denied without prejudice to the property. If future work on your property reveals evidence which could materially alter this opinion, be assured we will be pleased to consider a new application.

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

Sincerely yours,

Frank E. Johnson

ACTING Administrator

FMMurphy/gla
9-22-55
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)

Murphy
Ellis
Nelson

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

September 22, 1955

Summary of Proposed Project

Object: Denial of application for exploration aid.

Docket No. DMEA-3929

Commodity: Uranium

Applicant: Capitol Uranium Company
803 W. Main; Box 1847
Farmington, New Mexico
Lessee

Property: Hulse Homestead, S½ SW¼ sec. 18 and NW ¼ sec. 19, T. 31 S., R. 26 E., S.L.B. & M., San Juan County, Utah.

Date of application: June 12, 1955

Region III received application July 25, 1955
Washington " " August 1, 1955
Region III processed application under the new procedure.

Field Team report received August 29, 1955.

Amount of application: $64,675.00

Work proposed: Phase "A": 25 holes averaging 250 feet non-core and 20 feet core drilling.

Phase "B": 25 holes averaging 300 feet non-core and 20 feet core drilling.

Estimated Costs: Phase "A" drilling:

6,250 feet non-core	@ $4.00/ft.	$25,000.00	
500 feet core	@ $2.00/ft.	1,000.00	
Phase "B" drilling:			
7,500 feet non-core	@ $4.50/ft.	33,750.00	
500 feet core	@ $2.00/ft.	1,000.00	
Access roads (bulldozing, etc.)		2,445.00	
Supervision and Consultants		1,480.00	
	Total		$64,675.00

Excerpts from Field Team report:

The Field Team recommends denial of application without a field examination.

The property includes a Burro Canyon-Dakota escarpment, and the northerly slope on the Homestead is on the Brushy Basin. The proposed drill holes on the northern part of the property are estimated at 200 to 300 feet in depth to penetrate the Salt Wash (more likely 250 to 500 feet), as the Brushy Basin is about 400 feet thick and the Salt Wash 300 feet.

The proposed drilling would offset "producing mines" just north of the Hulse Homestead. According to the A.E.C., the mines referred to in the application are probably the Bench group of claims in Sec. 18, T. 31 S., R. 26 E. A few tons of low-grade uranium-vanadium ore was produced from the Bench claims during the second quarter of 1954. None has been produced since that time.

The Hulse Homestead is only 2½ miles northwest of Big Indian Canyon where applications DMEA-3663, Uranium Chief, Inc., and DMEA-3844, Lucky Strike Uranium Corp. were denied as a result of a field examination.

Inasmuch as only small (lessthan 250 tons) reserves have come from mines in the same general area, it is concluded that chances of finding any significant deposits on the claims are not good.

Commodity Committee Members' Comments.

U. S. Geological Survey (excerpts).
W. P. Williams, September 13, 1955.

The property is located in an area where only small, sporadic production is known. Furthermore, the ore zone in the Salt Wash member of the Morrison formation is covered in the area by the Brushy Basin member and younger sediments. Consequently, little could be observed by visiting the property. I agree that the application should be denied and that a field examination would serve little purpose.

U. S. Bureau of Mines, John E. Crawford, September 22, 1955.

Concurs in Field Team's denial without a formal field examination.

Rare and Miscellaneous Metals Division, F. M. Murphy, September 22, 1955.

The drilling proposed by the Applicant could only be classified as prospecting unless favorable trends of mineralization existed on the subject property or might be projected from adjacent properties. The Field Team report indicates such conditions do not exist; therefore, this Division concurs in the Field Team's recommendation of denial. However, we recommend that the denial should be without prejudice to the property, as private or A.E.C. drilling on or adjacent to the property might indicate more favorable mineralization trends.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

9/21/55

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

September 21, 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: Review of Field Team appraisal, DMEA Docket 3929, Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

I have reviewed the Field Team's appraisal of DMEA Docket 3929, Capitol Uranium Company; and I have discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Field Team has studied the application and recommends denial without a formal field examination of subject claims.

The memorandum sent from this office on August 5, 1955, to you summarized my conclusions which are similar to those outlined by the Field Team in its memorandum of August 22, 1955, in which denial of the application is recommended.

I hereby reaffirm my previous recommendation that the application for DMEA aid be denied, because no evidence was presented by the applicant that would warrant an exploration program.

Mr. Hosted concurs in the recommendation that the application be denied.

We are attaching the docket file on Capitol Uranium Company, DMEA 3929.

John E. Crawford
John E. Crawford

Attachment

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

September 21, 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: Review of Field Team appraisal, DMEA Docket 3929, Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

I have reviewed the Field Team's appraisal of DMEA Docket 3929, Capitol Uranium Company; and I have discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Field Team has studied the application and recommends denial without a formal field examination of subject claims.

The memorandum sent from this office on August 5, 1955, to you summarized my conclusions which are similar to those outlined by the Field Team in its memorandum of August 22, 1955, in which denial of the application is recommended.

I hereby reaffirm my previous recommendation that the application for DMEA aid be denied, because no evidence was presented by the applicant that would warrant an exploration program.

Mr. Hosted concurs in the recommendation that the application be denied.

We are attaching the docket file on Capitol Uranium Company, DMEA 3929.

John E. Crawford

Attachment

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

September 21, 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: Review of Field Team appraisal, DMEA Docket 3929, Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

I have reviewed the Field Team's appraisal of DMEA Docket 3929, Capitol Uranium Company; and I have discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Field Team has studied the application and recommends denial without a formal field examination of subject claims.

The memorandum sent from this office on August 5, 1955, to you summarized my conclusions which are similar to those outlined by the Field Team in its memorandum of August 22, 1955, in which denial of the application is recommended.

I hereby reaffirm my previous recommendation that the application for DMEA aid be denied, because no evidence was presented by the applicant that would warrant an exploration program.

Mr. Hosted concurs in the recommendation that the application be denied.

We are attaching the docket file on Capitol Uranium Company, DMEA 3929.

John E. Crawford

Attachment

9/14/55 gla

IN REPLY REFER TO:

RECEIVED

SEP 14 1955

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

September 13, 1955

Memorandum

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

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

Subject: Review of Field Team appraisal, DMEA Docket No. 3929, Capitol Uranium Company, Hulse Homestead, San Juan County, Utah.

The Field Team, Region III, and personnel of the U. S. Geological Survey and U. S. Bureau of Mines in Grand Junction, Colorado, have reviewed the subject application and recommend denial without formal field examination in company with the applicant.

The property is located in an area where only small, sporadic production is known. Furthermore, the ore zone in the Salt Wash member of the Morrison is covered in the area by the Brushy Basin member and younger sediments. Consequently, little could be observed by visiting the property. I agree that the application should be denied and that field examination would serve little purpose.

WPWilliams

W. P. Williams

IN REPLY REFER TO:

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

RECEIVED
SEP 14 1955

September 13, 1955

Memorandum

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

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

Subject: Review of Field Team appraisal, DMEA Docket No. 3989, Capitol Uranium Company, Bulge Homestead, San Juan County, Utah.

The Field Team, Region III, and personnel of the U. S. Geological Survey and U. S. Bureau of Mines in Grand Junction, Colorado, have reviewed the subject application and recommend denial without formal field examination in company with the applicant.

The property is located in an area where only small, sporadic production is known. Furthermore, the ore zone in the Salt Wash member of the Morrison is covered in the area by the Brushy Basin member and younger sediments. Consequently, little could be observed by visiting the property. I agree that the application should be denied and that field examination would serve little purpose.

WPW

W. P. Williams

WPWilliams:iml
G-9/13/55

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
SEP 14 1955

September 13, 1955

Memorandum

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

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

Subject: Review of Field Team appraisal, DMEA Docket No. 3989, Capitol Uranium Company, Baker Homestead, San Juan County, Utah.

The Field Team, Region III, and personnel of the U. S. Geological Survey and U. S. Bureau of Mines in Grand Junction, Colorado, have reviewed the subject application and recommend denial without formal field examination in company with the applicant.

The property is located in an area where only small, sporadic production is known. Furthermore, the ore zone in the Salt Wash member of the Morrison is covered in the area by the Brushy Basin member and younger sediments. Consequently, little could be observed by visiting the property. I agree that the application should be denied and that field examination would serve little purpose.

WW

W. P. Williams

WPWilliams:iml
G-9/13/55

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
SEP 14 1955

September 13, 1955

Memorandum

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

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

Subject: Review of Field Team appraisal, DMEA Docket No. 3289, Capital Uranium Company, Helen Homestead, San Juan County, Utah.

The Field Team, Region III, and personnel of the U. S. Geological Survey and U. S. Bureau of Mines in Grand Junction, Colorado, have reviewed the subject application and recommend denial without formal field examination in company with the applicant.

The property is located in an area where only small, sporadic production is known. Furthermore, the ore zone in the Salt Wash member of the Morrison is covered in the area by the Brushy Basin member and younger sediments. Consequently, little could be observed by visiting the property. I agree that the application should be denied and that field examination would serve little purpose.

W. P. Williams

WPWilliams:iml
G-9/13/55

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

8/30/55 gla

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

RECEIVED
AUG 29 1955

August 24, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman of the Operating Committee, DMEA

From: Field Team, Region III

Subject: Docket DMEA 3929 (Uranium), Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

Attached are four copies of the memorandum report from the Grand Junction office recommending denial of the subject application without a field examination.

We concur in the recommendation that the subject application be denied without a field examination.

Will you please advise if the memorandum report is in sufficient detail.

DMEA Field Team, Region III

W. M. Traver

W. M. Traver

E. N. Harshman

E. N. Harshman

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 29 1955

Colorado Plateau District
P. O. Box 360
Grand Junction, Colorado

August 22, 1955

Memorandum

To: Executive Officer, Region III

Through: E. N. Harshman

From: J. William Hasler, USGS
M. H. Salsbury, USBM

Subject: Appraisal relative to necessity for a field examination. DMEA-3929 (Uranium) CAPITOL URANIUM COMPANY, HULSE HOMESTEAD, San Juan County, Utah.

The applicant has applied for a loan in the amount of $64,675.00 to drill 50 holes in two stages to test the Salt Wash member of the Morrison formation on the Hulse Homestead. This property includes a Burro Canyon-Dakota escarpment, and the northerly slope on the Homestead is on the Brushy Basin. The proposed drill holes on the north part of the property in the Brushy Basin are expected to be 200 to 300 feet in depth to penetrate the Salt Wash (more likely 250 to 500 feet), as the Brushy Basin is about 400 feet thick and the Salt Wash 300 feet, making a total of 700 feet. The proposed drilling would offset "producing mines" just north of the Hulse Homestead. According to the Atomic Energy Commission, the "producing mines" referred to in the application are probably the Bench group of claims in sec. 18, T. 31 S., R. 26 E. A few tons of low-grade uranium-vanadium ore was produced from the Bench group of claims during the second quarter of 1954. None has been produced since that time. The Hulse Homestead property is only 2-1/2 miles northwest of Big Indian Canyon where applications DMEA 3663, Uranium Chief, Inc., and DMEA 3844, Lucky Strike Uranium Corporation, were denied as a result of a field examination. Inasmuch as only small (less than 250 tons) reserves have come from mines in the same general area, it is concluded that chances of finding any significant deposits on the claims are not good. In reviewing the application it is also noted that the applicant's estimate of costs for the exploration is considerably out of line. It is recommended that this application be denied without a field examination. The brochure is included with this memorandum.

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

RECEIVED
AUG 29 1955

August 24, 1955

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman of the Operating Committee, DMEA

From: Field Team, Region III

Subject: Docket DMEA 3529 (Uranium), Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

Attached are four copies of the memorandum report from the Grand Junction office recommending denial of the subject application without a field examination.

We concur in the recommendation that the subject application be denied without a field examination.

Will you please advise if the memorandum report is in sufficient detail.

DMEA Field Team, Region III

W. M. Traver

W. M. Traver

E. N. Harshman

E. N. Harshman

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Colorado Plateau District
P. O. Box 360
Grand Junction, Colorado

RECEIVED
AUG 29 1955

August 22, 1955

Memorandum

To: Executive Officer, Region III

From: J. William Hasler, USGS
M. H. Salsbury, USBM

Through: E. N. Harshman

Subject: Appraisal relative to necessity for a field examination. DMEA-3929 (Uranium) CAPITOL URANIUM COMPANY, HULSE HOMESTEAD, San Juan County, Utah.

The applicant has applied for a loan in the amount of $64,675.00 to drill 50 holes in two stages to test the Salt Wash member of the Morrison formation on the Hulse Homestead. This property includes a Burro Canyon-Dakota escarpment, and the northerly slope on the Homestead is on the Brushy Basin. The proposed drill holes on the north part of the property in the Brushy Basin are expected to be 200 to 300 feet in depth to penetrate the Salt Wash (more likely 250 to 500 feet), as the Brushy Basin is about 400 feet thick and the Salt Wash 300 feet, making a total of 700 feet. The proposed drilling would offset "producing mines" just north of the Hulse Homestead. According to the Atomic Energy Commission, the "producing mines" referred to in the application are probably the Bench group of claims in sec. 18, T. 31 S., R. 26 E. A few tons of low-grade uranium-vanadium ore was produced from the Bench group of claims during the second quarter of 1954. None has been produced since that time. The Hulse Homestead property is only 2-1/2 miles northwest of Big Indian Canyon where applications DMEA 3663, Uranium Chief, Inc., and DMEA 3844, Lucky Strike Uranium Corporation, were denied as a result of a field examination. Inasmuch as only small (less than 250 tons) reserves have come from mines in the same general area, it is concluded that chances of finding any significant deposits on the claims are not good. In reviewing the application it is also noted that the applicant's estimate of costs for the exploration is considerably out of line. It is recommended that this application be denied without a field examination. The brochure is included with this memorandum.

FILE COPY
SURNAME:

Selfridge
Matheson

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

AUG 22 1955

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

Re: Docket No. DMEA-3929 (Uranium)
Capitol Uranium Company
Hulse Homestead
San Juan County, Utah

Dear Mr. Traver:

Although it was not our intention that the Uranium Commodity Committee Members review the uranium application under our present procedure, before receiving the memoranda from Grand Junction and Denver, it has been done in this particular case. Therefore, we are enclosing two copies each of memoranda dated August 5 and August 11, 1955, by John E. Crawford, USBM, and W. P. Williams, USGS, respectively, relating to the subject application.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

Enclosures

APPROVED:

/s/ Robert W. Geehan (RWG)
Member, Bureau of Mines

Thor H. Kiilsgaard (THK)
Member, Geological Survey

EWEllis/GCSelfridge/am/bih
8/19/55
cc to: Docket
Adm. Reading File
Operating Committee
Messrs. J.E. Crawford R-3641
J.O. Hosted R-3210 - GSA
T.H. Kiilsgaard R-5222
Code 700
Murphy

Surname 700

Ellis

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

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

Re: Docket No. DMEA-3929 (Uranium)
Capitol Uranium Company
Hulse Homestead
San Juan County, Utah

Dear Mr. Traver:

The captioned application is being processed in Region III in accordance with our letter to you of June 29, which pertains to the handling of uranium applications originating on the Colorado Plateau.

However, since our Uranium Commodity Committee Members are continuing to write memoranda based on their study of the application, it appears desirable to forward copies of said memoranda to you for what aid they may be in assisting the Field Team to reach a decision on the application.

Accordingly, we are enclosing two copies of each memorandum on the subject application one from John L. Crawford dated August 5, and the other from W. P. Williams dated August 11, 1955.

Sincerely yours,

Chairman, Operating Committee

Enclosures:

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

EWEllis:am
8-16-55
cc to: Admr. Reading File
Operating Committee
Docket
Messrs. J. E. Crawford, Rm. 3641
T. H. Kiilsgaard, Rm. 5222
J. O. Hosted, Rm.3210,GSA
Code 700
Mr. Murphy

8/8/55 glc

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

August 5, 1955

Memorandum

RECEIVED
AUG - 5 1955

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 3929, Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

I have reviewed the attached application, Capitol Uranium Company, DMEA Docket 3929; and I have discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Capitol Uranium Company does not propose a definite exploration program as indicated in Sec. 6(a) of the application for assistance.

The cost per foot of non-core drilling of $4.00, as proposed by the applicant, is excessive for this area. The average cost for non-core rotary drilling on the Colorado Plateau is $1.50 per foot and $4.00 per foot of core drilling at the average depths stated in the application. This could have a great effect on the proposed total cost.

We agree that it is difficult to make a complete evaluation of this property for DMEA purposes because of the lack of supporting data such as maps and diagrams, but we believe, from the vague description of the drilling plan, that the proposed drilling on 100 foot centers may be more of a prospecting venture than an exploration project.

The letter of July 27, 1955 from the Field Team, Region III, to the Chairman of the Operating Committee, DMEA, indicates that additional data has been requested of the applicant. A review of this additional data, which consisted of USGS Map No. 3-226 was made with the understanding that we now had the complete submitted application.

I recommend that the application for DMEA assistance be denied because no evidence was presented that mineralization or radioactivity exists on the claims; the costs proposed are a guess, at best, and the drilling program has no definite target.

John E. Crawford

John E. Crawford

Attachment

8/12/55 gla

IN REPLY REFER TO

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

August 11, 1955

Memorandum

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

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

Subject: Review of application, DMEA Docket No. 3929 (uranium), Capitol Uranium Company, Hulse Homestead, San Juan County, Utah.

The applicant, as a lessee, proposes to explore for uranium ore on 240 acres of homestead land in the south Lisbon Valley area, Utah. The project, as proposed, would consist of 13,750 feet of diamond drilling at a total cost of $64,675.

The application is incomplete in that a large-scale map showing the locations of proposed drill holes is not attached. The objective of the project is to find uranium ore in the Salt Wash member of the Jurassic Morrison formation. The site of DMEA application No. 3663, Uranium Chief, Inc., lies less than 2 miles southeast of the subject property. Application 3663 was denied on the basis of unfavorable geologic characteristics of the Salt Wash sands. I suspect the same conditions prevail on the subject property.

The applicant mentions mines and ore production just north of the property. I do not have personal recollection of active production that close to the property.

I recommend that the Field Team be requested to appraise the potentialities of the Salt Wash sandstones on and near the Hulse Homestead and to determine if new ore bodies have been discovered near the property.

W P Williams

W. P. Williams

RECEIVED
AUG 12 1955

IN REPLY REFER TO:

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

August 11, 1955

Memorandum:

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

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

Subject: Review of application, DMEA Docket No. 3589 (uranium), Capitol Uranium Company, Hulse Homestead, San Juan County, Utah.

The applicant, as a lessee, proposes to explore for uranium ore on 240 acres of homestead land in the south Lisbon Valley area, Utah. The project, as proposed, would consist of 13,750 feet of diamond drilling at a total cost of $64,675.

The application is incomplete in that a large-scale map showing the locations of proposed drill holes is not attached. The objective of the project is to find uranium ore in the Salt Wash member of the Jurassic Morrison formation. The site of DMEA application No. 3663, Uranium Chief, Inc., lies less than 2 miles southeast of the subject property. Application 3663 was denied on the basis of unfavorable geologic characteristics of the Salt Wash sands. I suspect the same conditions prevail on the subject property.

The applicant mentions mines and ore production just north of the property. I do not have personal recollection of active production that close to the property.

I recommend that the Field Team be requested to appraise the potentialities of the Salt Wash sandstones on and near the Hulse Homestead and to determine if new ore bodies have been discovered near the property.

WPW

W. P. Williams

WPWilliams:iml
G-8/11/55
cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
J. E. Crawford, 3641
J. O. Hosted, 3210

RECEIVED
AUG 12 1955

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

DMEA-3927
DMEA-3929

RECEIVED
AUG - 8 1955

224 New Customhouse
Denver 2, Colorado

August 5, 1955

Memorandum

To: Robert E. Adams, Chief, Operator's Control and Statistics Division

From: Executive Officer, DMEA Field Team, Region III

Subject: Assignment of Docket Numbers, Capitol Uranium Company

Enclosed are two memoranda from your office assigning docket numbers on two applications from Capitol Uranium Company. Both of the applications are located on the Colorado Plateau; one in Utah and the other in Arizona.

Under the new procedure one copy of each of these applications has been referred to the Grand Junction field office, and it is necessary that we advise them the correct DMEA docket number on each of these applications.

Please indicate on your original memoranda some description of the land covered in each docket and return to this office so we will know which docket number pertains to the Arizona application.

W. M. Traver

W. M. Traver

Enclosures

Form ret. without letter
8/10/55 gla

8-4-55
Am.

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

224 New Customhouse
Denver 2, Colorado

August 1, 1955

Memorandum

DMEA-3929

To: Chairman of the Operating Committee

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA assistance (Uranium), Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

Enclosed are two copies of the applicant's reply to our letter of July 27, 1955 in which we requested additional information. One copy of this additional information is being forwarded to J. W. Hasler for attachment to his copy of the original application.

The applicant submitted only one copy of USGS Map No. 3-226 which is being included in the information for J. W. Hasler.

W. M. Traver

Enclosures

W. M. Traver

Note: other copy sent to J. E. Crawford's office (Commodity)

DMEA
Data Rec'd
JUL 29 1955
BUREAU OF MINES
Denver, Colorado

July 29, 1955

Mr. J. H. East, Regional Director
United States Bureau of Mines
Denver, Colorado

Dear Sir:

In reply to your letter requesting additional information in connection with our Application for Defense Minerals Exploration Assistance on the Hulse property, San Juan County, Utah, we regret that very little is available. However, we have been able to obtain one copy of U.S.G.S. Map #3-226, and four copies of Mt. Peale #16 Photogeologic Maps, which are attached.

From the attached Map, U.S.G.S. #3-226, it will be noted that there has been extensive production from the Salt Wash member of the Morrison formation, both to the East and West of the Hulse property. From the photogeolic Map, Mt. Peale #16, shown in larger scale, is the detail of the faulting which seems to be a factor in the location of ore bodies. Also shown on this Map in pencil are the approximate locations of ore bins and inclined shafts of properties developed in the Northwest Quarter (NW/4) of Section Eighteen (18), since the date of the Map. It is in the area to the South of and adjacent to this production that the drilling should be done. The Salt Wash is not exposed in the Southwest Quarter (SW/4) of Section Eighteen (18), but it is in the North Half (N/2) of the section, and with the slight regional dip to Southwest, estimated at 5°, is not at great depth in the area in question.

Reference is made to the U.S.G.S. reports covering the mapped area, copies of which are not available to us but are, no doubt, part of the Bureau Library, which may be of help.

Very truly yours,

CAPITOL URANIUM CO.,

By Walter W. Bentley

Walter W. Bentley,
General Superintendent

WWB:rfb
Enc.

August 2, 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-3929 Capitol Uranium Co.

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

Property:
Hulse Homestead
San Juan County, Utah

August 2, 1955
Subject: DMEA-3929
Re: Exploration Assistance

Capitol Uranium Co.
803 W. Main
Box 1847
Farmington, N. Mex.

Gentlemen:

The receipt of your application dated June 21, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3929 and referred to the Rare and Miscellaneous Metals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

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

RECEIVED
AUG - 1 1955

224 New Customhouse
Denver 2, Colorado

July 27, 1955

DMEA
3929

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Application for DMEA Assistance (Uranium), Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

Enclosed are two copies of the subject application in the amount of $64,675.00. Also enclosed are two copies of our letter to the applicant and two copies of our memorandum to the Grand Junction office.

W. M. Traver

W. M. Traver

Enclosures

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

RECEIVED
AUG - 1 1955

224 New Customhouse
Denver 2, Colorado

July 27, 1955

Mr. Warren E. Wiley, Secretary
Capitol Uranium Company
803 West Main Street
Farmington, New Mexico

Dear Mr. Wiley:

This will acknowledge receipt of your applications for DMEA assistance on Indian lands in Apache County, Arizona and Hulse Homestead, San Juan County, Utah.

Both applications have been forwarded to the Washington office, DMEA for docketing.

Much information is lacking on the Hulse Homestead application. You have submitted no evidence of the existence of a definite mineralized target area. It appears that the work outlined in this application is of a prospecting nature, for which DMEA funds are not available.

To assist us in determining the merits of your proposal, we suggest that the following additional information, if available, be submitted to this office:

1. A topographic map or sketch showing elevations of the surface where the proposed drilling is to be done; also showing the following:

(a) Contact lines on the exposed rock formations and structural features, such as folds, faults, etc.

(b) Indicated or inferred favorable sedimentary and/or channel trends

(c) Location of any samples taken and assay results

(d) Tentative locations of the proposed drill holes

2. A supporting narrative report containing the following:

RECEIVED
1955

(a) Specific geologic data concerning the subject property, such as:

(1) Exposures of rock formations and indicated bedding dip

(2) Comments on host rock and its favorability to mineralization, such as thickness of strata, color of sandstone and mudstone, evidence of mineralized trash, logs, etc.

(3) Any other geologic information that will assist in determining the merits of the proposed exploration work.

Will you please advise us if it is feasible to submit this additional information; if so, give the approximate date when we may expect receipt of it. If such information is submitted, we will require 4 complete sets of data.

Very truly yours,

W. M. Traver

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

HMC:sr

cc Subject
Chairman Op. Comm. (2)
Harshman
Hasler
Chron

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

RECEIVED
AUG - 1 1955

224 New Customhouse
Denver 2, Colorado

July 27, 1955

Memorandum

To: J. W. Hasler

From: DMEA Field Team, Region III

Subject: Application for DMEA Assistance (Uranium), Capitol Uranium Company, Hulse Homestead, San Juan County, Utah

Enclosed is a copy of the subject application in the amount of $64,675.00.

Also attached is a copy of our letter to the applicant requesting additional information.

You will be advised of the docket number at a later date.

HMC:sr

~~DMEA Field Team, Region III~~

cc Chairman Op. Comm. (2)
Subject
Harshman
Chron

W. M. Traver

~~E. N. Harshman~~

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DMEA
Date Rec'd.
JUL 25 1955

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

RECEIVED
AUG - 1 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

Not to be filled in by applicant

Docket No. 3929
Metal or Mineral Uranium
Date Received Aug 1 1955
Estimated Cost $64,675
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: Capitol Uranium Company (A Colorado Corporation)
803 W. Main; Box 1847, Farmington, New Mexico
Fred Carson - President - Farmington, New Mexico
Warren E. Wiley - Secretary - Farmington, New Mexico
M. C. Foster - Treasurer - Farmington, New Mexico

(*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. The Raise homestead, Salt Lake City, Utah, Land Office #091755, and recorded patent #1111803, is described as the S½SW¼ Section 18 and NW¼ Section 19, Township 31S, Range 26E, SLB and M, San Juan County, Utah.

(*b*) State any mine name by which the property is known. No mine name as yet.

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

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

(*e*) If you own the land, describe any liens or encumbrances on it

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

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

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

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

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

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

See attached

5. *The exploration project.*—(*a*) State the mineral See attached for which you wish to explore .....

.....

(*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 ..... days and be completed within ..... 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 See cost attached before the date of the contract, should be included in the estimate of costs.

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated June 21, 5, 195...

CAPITOL URANIUM COMPANY
(Applicant)

By [signature] President

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

Capitol Uranium Company
803 W. Main P. O. Box 1847
Farmington, New Mexico

MINERAL LEASE

This lease made and entered into this 8th day of November, 1954, by and between Herman Hulse and Minnie L. Hulse, husband and wife, hereinafter referred to as Hulse, and Capitol Uranium Company, a Colorado corporation, hereinafter referred to as Company;

WITNESSETH:

For and in consideration of the covenants and agreements hereinafter contained to be kept and performed by the parties hereto, it is mutually agreed that:

I

Hulse does hereby convey, grant and lease all minerals and mineral rights together with all rights to prospect, test and develop, mine, ship and sell all minerals and mineral rights, except the minerals of oil and gas, in that described tract of land located in the State of Utah and described as follows:

The Northwest Quarter of Section Nineteen and the South half of the Southwest Quarter of Section Eighteen in Township Thirty-one South, of Range Twenty-six East of the Salt Lake Meridian, Utah, containing Two Hundred Forty (240) acres, according to the official Plat of the Survey of the said Land, on file in the General Land Office.

II.

Hulse does here represent that they are the owers of all said mineral rights in the above described lands and that they have a free and unencumbered right to lease or transfer the same as they see fit.

III.

Company agrees to pay Hulse the total amount of Twelve Hundred ($1,200.00) Dollars, Six Hundred ($600.00) Dollars of which is in hand paid at time of execution of this lease, receiptof which is acknowledged by Hulse. The balance amount of Six Hundred ($600.00) Dollars is to be paid by Company to Hulse on or befor May 8, 1955.

IV

The Company further agrees to pay Hulse twelve and one-half percent (12½%) of the net proceeds received for content from any ores mined and sold from the above described lands. Any allowances made for hauling, development or other allowances will be exclusively for the benefit of the Company and not subject to the 12½% payment provided above.

V

The lease period is that of ten (10) years, expiring on November 8, 1964 and carries with it an option right in the Company to renew the same for an additional ten (10) years on the same terms as herein provided, if the Company elects so to do.

VI

It is understood and agreed that the Company will have the continued right to sell, assign ar transfer all or any part of its rights, title and interest in this lease.

VII

The Company further agrees to proceed with development work beginning at a reasonable time after the snows have melted and seasonable weather exists on the above described lands, following the spring thaw of 1955.

VIII

The Company further agrees to refrain from carrying on surface testing or mining work within a distance of two hundred (200) feet of the Hulse house that now stands upon the above described tract of land. It being undredstood by the parties that the Company, its employees, agents and assigns will all have good and adequate rights of ingress, egress and any other rights incidental to testing developing and mining said above described lands.

Capitol Uranium Company
803 W. Main P. O. Box 1847
Farmington, New Mexico

WITNESS our hands and seals this 8th day of November, 1954.

Herman Hulse (SEAL)
Minnie L. Hulse (SEAL)

CAPITOL URANIUM COMPANY

By: Fred Carson (SEAL)
Its Pres.

STATE OF NEW MEXICO)
County Of San Juan) SS.

On this 8th day of November, 1954, before me personally appeared Herman Hulse and Minnie L. Hulse, Husband and wife, to me personally known to be the persons described in and who executed the forgoing instrument and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year above written.

M. C. Foster
Notary Public

My Commission expires February 24, 1956

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

On this 8th day of November, 1954, befor me appeared Fred Carson, to me personally known, who, being by me sworn, did say that he is the Presidentof the Capitol Uranium Company, a corporation organized under the laws of the State of Colorado and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said Fred Carson acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year above written.

M. C. Foster
Notary Public

My Commission expires February 24, 1956

Hulse Homestead

Capitol Uranium Company
803 W. Main, Box 1847
Farmington, New Mexico

4 (a) There has been no mining or exploration work on this property. There are several producing tunnels on the tract to the North of this property, in which this company has no interest. There are no known mine workings.

4 (b) There has been no exploration or production from this property

4 (c) The surface of the property is in the Dakota formation, except along the North boundary, where rather steep cliffs expose the Brushy Basin, or upper Morrison, and the Salt Wash, or lower Morrison formation. On the adjoining property to the North, tunnels have been driven into the Salt Wash and some production has resulted, but the quantity and grade is not known. This eroded portion of the property is in the Lisbon Valley and one of the branches of the many faults in the Valley passes through or near the Northern edge of the property. The property is about nine miles Southeasterly from the Steen property, and the geology is described in publications covering the Lisbon Valley and Big Indian districts.

4 (d) The property is accessible over a dirt road which leaves U. S. Highway # 160 at a point 12 miles West of Dove Creek, Colorado, and proceeds North along the Section Line 18 miles and terminates on the property. A branch of this dirt road turns East at the Southwest corner of Section 19 and from there drops into Lisbon Valley and by a branch road reaches the Northern flank of the property and serves the mines mentioned above. Other roads were observed trending towards La Sal, Utah, but their courses and junctions are not known to the writer.

4 (e) For the exploration proposed, all equipment and materials must be transported to the job. Water for drilling is available within 10 miles. There are no power lines nearby.

5 (a) It is proposed to prospect for Uranium, Vanadium minerals, in the Salt
(b) Wash member of the Morrison formation. To avoid drilling through the barren Dakota formation, it is proposed that one or more drill roads be built by bull-dozer from East to West near the Northern edge of the property. It is believed that such a road near the base of the cliff will allow drill holes to explore the Salt Wash at depths between 200 and 300 feet. If these holes should show mineralization, then a second road could be built that would allow offsets to the South at depths of about 300 feet. It is believed that ore, if present, is apt to be confined to the Northern edge of the property adjacent to the faulting that created Lisbon Valley and the ore bodies being worked on adjacent land.

5 (c) The work could start within 30 days and be completed in 90 days unless the starting date should be in the late fall. When road conditions might compell recess until dry and warmer weather.

5 (d) The company has been actively drilling and prospecting for Uranium ores since its organization in October 1953. In its earlier stages the work was directed by Forest John Sur, and engineer of wide experience and superintended by William Gianetto of Silverton, Colorado, a practical mining man considered to be one of the best in the San Juan District. Mr. Sur has now resigned, and the company expects to employ Mr. Frank McPherson, of Grand Junction, Colorado, as consultant on geological

5 (d) problems. The operations and drilling will be supervised by Walter W. Bentley, who has supervised the drilling for the past 15 months. He has had more than 30 years of experience in the field of mining, most of it with the Anaconda Copper Mining Company, American Smelting and Refining Company and also more than four years during World War II in the Bureau of Mines as an Explosive Investigator. The foreman in immediate charge of mining are Marshall J. Fletcher, for many years shaft foreman at the Shenandoah-Dives Mine at Silverton, Colorado, and Ward R. Barlow, who has many years experience as an operator of leased properties.

6 (a) The work should be contracted and it is believed that the first row of drill, amounting to 25 should be on 100 foot centers, to be known as phase "A" can be contracted at $4.00 per foot with not over 10% coring at $6.00 per foot. Phase "B" to be carried out in the event of encountering strong mineralization in the first row of holes, should be drilled for not to exceed $4.50 per foot with not to exceed 10% coring at $6.75. The cost would be:

Phase "A"

Twenty Five holes, estimated average depth 250 feet at $4.00 per foot or $1000.00 per hole, plus 20 feet of coring at $2.00 per foot or $1040.00 per hole. $1040.00 x 25 holes or a total for Phase "A" of $26,000.00

Phase "B"

Estimated average depth 300 feet at $4.50 per foot or $1350.00 per hole, plus 20 feet of coring at $2.00 per foot or $1390.00
8 per hole. $1390.00 x 25 holes or a total for Phase "B" of $34,750.00

Dozing drill roads at $12.50 per hour, plus $300.00 moving in and out cost, plus $6.00 per hour for compressor and rock drill rental, plus explosives at cost.

Estimated Costs:

Dozing, 100 hours at $12.50	$ 1250.00
Moving in and out	300.00
Compressor rental, 50 hours at $6.00	300.00
Explosives	220.00
Driller, 100 hours at $2.00	200.00
Helper, 100 hours at $1.75	175.00
	$ 2445.00

6 (b) Supervision

One fourth time at $800.00 per month for three months	$ 600.00
Consultants	
Geologist, 4 days at $120.00 per day	480.00
Engineering	
Surveying, 2 days for party at $200.00 per day	400.00
	$1480.00

6 (c) No supplies except as above.

6 (d) No equipment, repairs, etc.

SUMMARY

Phase "A"	$ 26,000.00
Phase "B"	34,750.00
Drill Roads	2,445.00
6 (b)	1,480.00
Total	$ 64,675.00

Hulse Homestead

Capit[illegible] Uranium Company
803 W. Main, Box 1847
Farmington, New Mexico

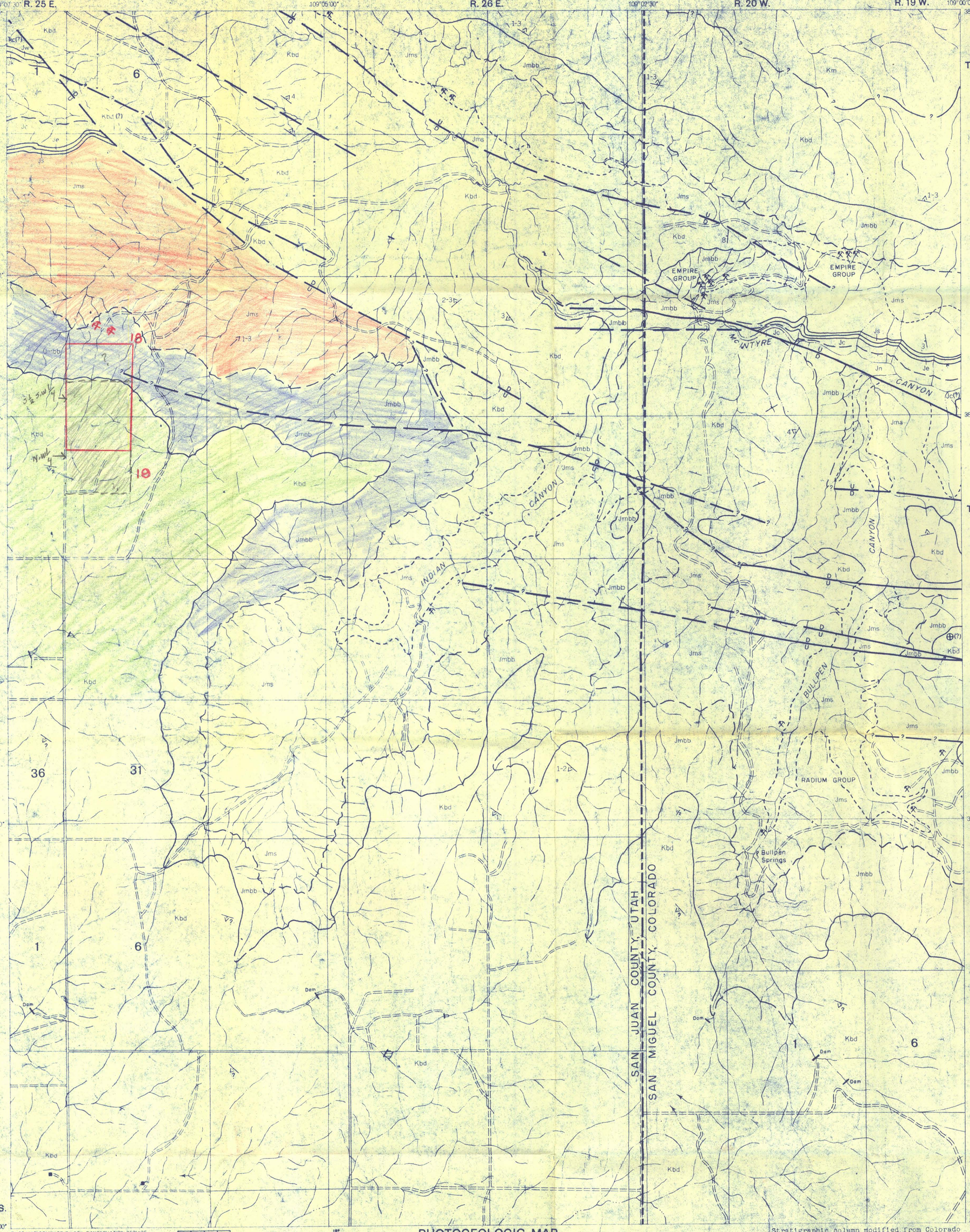
7 (a) The company is prepared to furnish their share of the cost of the project in cash.

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

TRACE ELEMENTS MEMORANDUM REPORT 448



EXPLANATION

QUATERNARY

Qal — Alluvium
Valley fill and terrace gravel

CRETACEOUS

Km — Mancos shale

Kbd — Burro Canyon formation and Dakota sandstone, undifferentiated (In places may be covered by thin mantle of Mancos shale (Upper Cretaceous))

JURASSIC

Jmbb, Jms — Morrison formation
Brushy Basin shale member, Jmbb; Salt Wash sandstone member, Jms. Dashed line shows position of base of carnotite-bearing sandstone

Js — Summerville formation

Je — Entrada formation

Jc — Carmel formation

Jn — Navajo sandstone

Jk — Kayenta formation

JURASSIC (?)

Jw — Wingate sandstone

TRIASSIC

Rc — Chinle formation

Contact
(Can be accurately located within 30 feet horizontally)

Contact
(Can be approximately located within 30 to 200 feet horizontally)

Contact
(Cannot be located accurately; probable error greater than 200 feet)

Probable or doubtful contact

Fault
(Dashed where approximately located)

Probable or doubtful fault

High-angle fault
(U, upthrown side; D, downthrown side)

Strike and dip of beds
(Based on field measurement)

Strike and dip of beds
(Based on photo-interpretation)

Horizontal beds

Mine or quarry

Spring

Primary road

Secondary road

Trail

Fence

State boundary

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

JULY 1952

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

MT. PEALE QUADRANGLE

TRUE NORTH 18°

PHOTOGEOLOGIC MAP
MT. PEALE - 16
UTAH - COLORADO

PHOTOGEOLOGY BY R. J. HACKMAN
PHOTOGEOLOGIC UNIT, ALASKAN GEOLOGY BRANCH

SCALE 1:24,000
0 — 1 MILE

Stratigraphic column modified from Colorado Geol. Survey Bull. 16; U. S. Geol. Survey Strategic Minerals Inv., Geologic map of vanadium region of southwestern Colorado and southeastern Utah, by R. P. Fischer, 1944; Oil and Gas Inv., Prelim. Map 93; and U. S. Geol. Survey unpublished report.