Applications and contracts from Larimer Co., Colorado

In Force

DMEA	E	Operator		Commodity	Sec.	Twp.	Range
3678	854	Revis & Revis	✓	Uranium	10.11.14.15	8N	75W

Denied

4227	Uranium
4068	Beryl
3812	Beryl
1869	Beryl
1217	Beryl

Withdrawn

3237	Tungsten
3294	Tungsten
3627	Tin

In Process

4148	Cinderella Uranium & Oil, Inc	Uranium - Sec. 9-10, T. 8N., R. 75W.
4385		Beryl

Terminated

3486	789	Exploration San Rafael, Inc.	✓	Tungsten

Certified

1702	61	Cherokee Mines	✓	Uranium sec. 8 - T.10N-R.72W
2493	388	Wild & Frandson	✓	Beryl-Mica-Tantalum

Statements in letter do not agree with the foregoing.

FEJ

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

Mr. Marvin C. Hanz, President
Cinderella Uranium and Oil, Inc.
423 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Hanz:

1 Mrs. Benedict of Representative O. C. Fisher's office in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

2 Mrs. Benedict stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

INSERT 3 & 4 Other than your application, our files show that we have had one application for aid in exploring for uranium and four for beryllium from Larimer County, Colorado. The Government has not granted aid on any of these applications.

5 A review of the data available to this Agency, relating to your property, does not disclose any additional information which could alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

Administrator

cc: Hon. O. C. Fisher

700

FILE COPY
Surname: Murphy

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

Mr. Marvin C. Hans, President
Cinderella Uranium and Oil, Inc.
423 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4149 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Hans:

Mrs. Benedict of Representative O. C. Fisher's office in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

Mrs. Benedict stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

Other than your application, our files show that we have had one application for aid in exploring for uranium and four for beryllium from Larimer County, Colorado. The Government has not granted aid on any of these applications.

A review of the data available to this Agency, relating to your property, does not disclose any additional information which could alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

Administrator

cc: Hon. O. C. Fisher

FEMurphy/izm 8-21-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
DMEA Field Team, Reg. III (2)

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

Mr. Marvin C. Mann, President
Cinderella Uranium and Oil, Inc.
423 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Mann:

Mrs. Benedict of Representative O. C. Fisher's office in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

Mrs. Benedict stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

Other than your application, our files show that we have had one application for aid in exploring for uranium and four for beryllium from Larimer County, Colorado. The Government has not granted aid on any of these applications.

A review of the data available to this Agency, relating to your property, does not disclose any additional information which would alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

Administrator

cc: Hon. O. C. Fisher

FEMurphy/izm 8-21-56
cc to: Docket
Code 700)
Mr. Murphy)
Admr.'s Reading File
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
DMEA Field Team, Reg. III (2)

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

Mr. Marvin C. Manz, President
Cinderella Uranium and Oil, Inc.
423 N. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4143 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Manz:

Mrs. Benedict of Representative O. C. Fisher's office in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

Mrs. Benedict stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

Other than your application, our files show that we have had one application for aid in exploring for uranium and four for beryllium from Larimer County, Colorado. The Government has not granted aid on any of these applications.

A review of the data available to this Agency, relating to your property, does not disclose any additional information which would alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

Administrator

cc: Hon. O. C. Fisher

FMMurphy/lwm 8-21-56
cc to: Docket
Code 700)
Mr. Murphy)
Admr.'s Reading File
Messrs. JEOrmsford, Rm. 3643
THKillegaard, Rm. 5224
JCMosted, Rm. 3210, G
DMEA Field Team, Reg. III (2)

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

Mr. Marvin C. Mann, President
Cinderella Uranium and Oil, Inc.
423 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4168 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Mann:

Mrs. Benedict of Representative O. C. Fisher's office in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

Mrs. Benedict stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

Other than your application, our files show that we have had one application for aid in exploring for uranium and four for beryllium from Larimer County, Colorado. The Government has not granted aid on any of these applications.

A review of the data available to this Agency, relating to your property, does not disclose any additional information which would alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

Administrator

cc: Hon. O. C. Fisher

FMMurphy/lms 8-21-56
cc to: Docket
Code 700)
Mr. Murphy)
Admr.'s Reading File
Messrs. JECrawford, Rm. 3643
THKilingaard, Rm. 5224
JOHestad, Rm. 3210, GSA
DMEA Field Team, Reg. III (2)

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

Mr. Marvin C. Hann, President
Cinderella Uranium and Oil, Inc.
423 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-1148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Hann:

Mrs. Benedict of Representative G. C. Fisher's office in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

Mrs. Benedict stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

Other than your application, our files show that we have had one application for aid in exploring for uranium and four for beryllium from Larimer County, Colorado. The Government has not granted aid on any of these applications.

A review of the data available to this agency, relating to your property, does not disclose any additional information which would alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

Administrator

cc: Hon. G. C. Fisher

PMMurphy/lam 8-21-56
cc to: Docket
Code 700)
Mr. Murphy
Admr.'s Reading File
Messrs. JECrawford, Rm. 3643
TRKillingsward, Rm. 5224
JCHestad, Rm. 3210, GSA
DMEA Field Team, Reg. III (2)

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

Mr. Marvin C. Hanz, President
Cinderella Premium Oil, Inc.
421 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-1141 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Hanz:

Mrs. Saudlet of Representative W. L. Fisher's office in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

Mrs. Saudlet stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

Other than your application, our files show that we have had one application for aid in exploring for uranium and four for beryllium from Larimer County, Colorado. The Government has not granted aid on any of these applications.

A review of the data available to this agency, relating to your property, does not disclose any additional information which would alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

Administrator

cc: Hon. W. L. Fisher

RMMurphy/ism 8-21-56
cc to: Docket
Code 700)
Mr. Murphy
Admr.'s Reading File
Messrs. JECrawford, Rm. 3643
THKillingsgard, Rm. 5224
JOHeed, Rm. 3210, GSA
DMEA Field Team, Reg. III (2)

700

FILE COPY
Surname:

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

AUG 24 1956

Mrs. Lillian Benedict, Secretary
Hon. O. C. Fisher
House of Representatives
Washington 25, D. C.

Re: Docket No. DMEA-4148 (Uranium)
Cinderella Uranium and Oil, Inc.
Lucky Strike Claims
Larimer County, Colorado

Dear Mrs. Benedict:

This will acknowledge receipt of your letter dated August 20, 1956, pertaining to the above-named docket. The subject application has again been reviewed and I regret to inform you that our conclusions are as stated in my letter of August 16, to Congressman Fisher.

In accordance with your request we are returning Mr. Hanz' letter of August 15, addressed to you. We are also enclosing two copies of our letter of this date to Mr. Hanz.

Please feel free to call upon me if I can be of any further assistance to you.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures

FMMurphy/izm 8-21-56
cc to; Docket
Code 700)
Mr. Murphy)
Admr.'s Reading File
DMEAField Team, Region III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

Surname copy

700

Murphy
Ellis
Selfridge
Johnson

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

AUG 24 1956

Mr. Marvin C. Hann, President
Cinderella Uranium and Oil, Inc.
423 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4448 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Hann:

Mrs. Benedict of Representative O. C. Fisher's office, in a letter, dated August 20, 1956, enclosed your letter of August 15, addressed to her, and requested that our response be forwarded directly to you.

Mrs. Benedict stated that in the light of your claim that a large loan was made to explore a property just across the river from the Lucky Strike claims, it would be appreciated if your application was reviewed and reconsidered.

The project you mentioned in your letter is possibly on the Revis and Revis property, Docket No. DMEA-3678, Contract No. Ion-E052, which was approved on August 11, 1955. The object of this project was to explore a steep-dipping, uranium-bearing, shear zone in granite. However, your proposed project to explore the small pegmatite masses on your claims is based on a different type of uranium occurrence.

Exploration work done by the Atomic Energy Commission, the U. S. Geological Survey, the U. S. Bureau of Mines, and this Agency, in pegmatite masses has in no case resulted in the discovery of significant deposits of uranium ore. Occasionally small pockets of ore are found. However, in most uranium-bearing pegmatites, the uranium minerals are scattered in minor quantities through the mass. According to our findings, this is the type of uranium occurrence on your property.

A review of the data available to this Agency, relating to your property, does not disclose any additional information which could alter our previous conclusion, namely, that an exploration project on the Lucky Strike claims would not result in the discovery of significant deposits of uranium ore.

Sincerely yours,

C. O. Mittendorf

Administrator

Copies to: Hon. O. C. Fisher

Messrs. JECrawford, Rm. 3643
THKillsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

FMMurphy/izm/gla
(8-21-56) 8-23-56
cc to: Docket
Code 700, Mr. Murphy
DMEA Field Team, Region III (2)
Admr.'s Reading File

FISHER
DIST., TEXAS

8/21/56

COMMITTEE:
ARMED SERVICES

Congress of the United States
House of Representatives
Washington, D. C.

August 20, 1956

Hon. C. O. Mittendorf, Administrator
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-4148 (Uranium)
Cinderella Uranium and Oil, Inc.
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Mittendorf:

I am enclosing herewith a self-explanatory letter which I have just received from my constituent, Hon. Marvin C. Hanz, with further reference to the above claim. You will recall that the application for a loan by Mr. Hanz was denied recently because of the "improbability of finding significant deposits of uranium ore on the claims by any exploration method."

In the light of Mr. Hanz' claim that a large loan was made in Larimer County, just across the river from the Cinderella's Lucky Strike Claim, to another company whose properties did not show as great a promise as his, it will be appreciated if review and reconsideration may be extended to the above application. Any consideration that may be properly extended to this application will be appreciated.

Please direct the report on your findings to Mr. Hanz at 423 S. Irving Street, San Angelo, Texas.

Thanking you for your past courtesies and cooperation, I remain

Sincerely yours,

Lucian Bendit
for O. C. FISHER

RECEIVED
AUG 21 1956

MARVIN C. HANZ
Lawyer
423 S. Irving St.,
San Angelo, Texas

August 15, 1956

Mrs. Lillian Benedict, Secretary,
Congressman O. C. Fisher,
Washington, D. C.

Re: DMEA Loan of Cinderella Uranium and Oil, Inc.,
Docket No. 4148 (Uranium)
Larimer County, Colorado

Dear Mrs. Benedict:

After talking with Congressman Fisher I feelt that I might as well correspond with you for he relies 100% on you as if he were personally taking care of a matter entrusted to you.

I have received my letter from the Department of the Interior, DMEA, Washington dated August 8, 1956 in which they deny any assistance in our project. This is over the signature of C. O. Mittendorf, administrator.

I know of a large loan that they made in Larimer County just across the river from our claims and properties and we have what is considered a considerably greater possibility of a significant discovery than the properties on which loan was made. I am therefore quite interested to see if a rehearing can be had and reconsideration made in the light of the prior loans made with the ore shown. We have the best possibility in that area and I feel that a proper consideration of the project was not given.

I would like to hear from you concerning same and see what can be done.

Very truly yours,

/s/ Marvin C. Hanz

Marvin C. Hanz

c
o
p
y

FILE COPY
Surname:

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

AUG 16 1956

Hon. O. C. Fisher
House of Representatives
Washington 25, D. C.

Re: Docket No. DMEA-4148 (Uranium)
Cinderella Uranium and Oil, Inc.
Lucky Strike Claims
Larimer County, Colorado

My dear Mr. Fisher:

This is to acknowledge your letter of August 12, 1956, relating to the above-referenced application.

In a letter, dated August 6, 1956, this Agency advised Mr. Marvin C. Hanz, president of the captioned corporation, that the subject application had been denied. For your information two copies of our letter are herewith enclosed.

Referring to my letter of July 20 to you, I stated it appeared that our Field Team and the Applicant had agreed on a revised method of exploring the Lucky Strike claims. However, our Field Team has recently advised us that no commitments of any sort were made during or after the field examination.

Our denial of the application is based on the improbability of finding significant deposits of uranium ore on the claims by any exploration method. Therefore, the revised program submitted by the Applicant did not influence our decision.

I trust the above will explain our position in this case.

Sincerely yours,

C. O. Mittendorf

Administrator

Enclosures
FMMurphy/izm 8-15-56
cc to: Docket
Mr. Murphy
Admr.'s Reading File
Field Team, Region III (2)
Mrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

O. C. FISHER
21ST DIST., TEXAS

COMMITTEE:
ARMED SERVICES

D.M.E.A.
8/14/56

Congress of the United States
House of Representatives
Washington, D. C.

August 12, 1956

Mr. William E. Ellis, Chief
Rare and Miscellaneous Metals Division
Department of the Interior
Washington 25, D. C.

Re: HANZ, Marvin C.
Docket #DMEA 4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Ellis:

I have once more been contacted regarding the above application of the Cinderella Uranium and Oil Company. I am told that the Denver Field Team mailed a report to Washington on 27 July 1956. Mr. Hanz is very interested in having this processed as expeditiously as possible as he must make arrangements in regard to the extension of his lease if he cannot complete the file prior to 25 August 1956. In view of the time limit on this lease anything that may be properly done to expedite the completion of the file will be greatly appreciated by me.

Thanking you for your past courtesies and cooperation, I remain

Sincerely yours,

O. C. Fisher

O. C. FISHER

RECEIVED
AUG 14 1956

BUREAU OF MINES
WASHINGTON, D. C.
AUG 14 9 04 AM '56

Surname copy

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

700

Murphy
Ellis
Nelson
Lamb
Martin
Johnson

AUG - 8 1956

Mr. Marvin C. Hanz, President
Cinderella Uranium and Oil, Inc.
423 S. Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Hanz:

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

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

Sincerely yours,

C. O. Mittendorf

Administrator

FMMurphy/aim 8-7-56
cc to: Admr. Reading File
Docket
Operating Committee
Code 700
Mr. Murphy
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

P.C.R.

Murphy
Ellis

Summary of Proposed Project

August 7, 1956

Object: Denial of application for exploration aid.

Docket No.: DMEA-4148

Commodity: Uranium

Applicant: Cinderella Uranium and Oil, Inc.
Mr. Holveg H. Enochs, Field Representative
Spencer Heights
Bellvue, Colorado

Property: Lessee of Lucky Strike claims Nos. 1 through 6, situated in secs. 9 and 10, T. 8 N., R. 75 W., 6th P. M., Larimer County, Colorado.

Amount of Application: $64,220.00

Date of Application: Dec. 29, 1955, received Jan. 30, 1956

Additional Information Requested: February 1, 1956

Additional Information Received: May 7, 1956

Referred to Region III: May 17, 1956

Field Examination Made: July 5, 1956

Field Report Received: July 30, 1956

Work Proposed: About 1 mile of difficult access road, 3600 feet of core drilling, and an undisclosed amount of adit.

Estimated Costs:

Independent Contracts

Bulldozing 60 days @ $104/day	$6,240.00	
3600 feet core drilling @ $5/ft.	18,000.00	
Road building (includes equipment and labor) 60 days @ $100/day	6,000.00	
Labor and supervision	27,400.00	
Operating material and supplies	2,200.00	
Operating equipment (rental)	2,880.00	
Secretarial work	500.00	
Chemical analyses	1,000.00	
Total		$64,220.00
Government participation @ 75%		$48,165.00

Excerpts from Field Team Report: (excerpts)

The claims extend northward from the Cache La Poudre River up a steep hillside; altitudes range from 8,300 to 9,500 feet.

The area was prospected for gold before 1900. The Lucky Strike claims were located in July 1955, and leased to the Applicant in August. No production has been made from the property to date.

The claims are near the contact of a Precambrian schist and a Precambrian granite, the other rocks on the property include quartz diorite and pegmatite. The pegmatites occur as small dikes, from a few inches to 6 feet wide, which cut all other rocks. The larger dikes (over 2 feet wide) appear to strike either N. 35° W., or N. 60° E.; many smaller dikes crisscross the area in all directions.

Prospect pits have been excavated on Lucky Strike No. 3 claim, and a 32-foot adit has been driven to explore a 2 to 3-foot wide pegmatite dike occurring on Lucky Strike No. 2 claim. The highest radioactivity noted on the group was at the portal of the adit. A sample taken by the examiners, of the most radioactive material in the pegmatite near the portal of the adit, contained 0.04% eU_3O_8.

A 6" sample from the center of the dike assayed 0.13% U_3O_8. Two other chip samples across the dike assayed 0.063% U_3O_8. A sample, taken from rock since removed in making the adit portal, assayed 0.76% U_3O_8, but is believed to have been

selected for grade. The radioactivity of the dikes exposed in the prospect pits is about 0.1 MR/hr., except in one shallow pit exposing a 2 to 3-foot pegmatite where 0.5 MR/hr. was noted. A sample of the pegmatite from one of the pits assayed 0.01% eU_3O_8.

The Field Team and examiners recommend that the application be denied for the following reasons:

1. Pegmatites in general have not been productive of commercial uranium ore.

2. All the pegmatites examined were small -- less than 6 feet wide at best.

3. In general the grade of the deposits, as shown by samples assayed and as indicated by radiometric testing, is not commercial.

4. There is little reason to expect that the grade will increase at depth as it is concluded that the uranium is syngenetic with the pegmatite, therefore there is little chance of finding concentrations of ore as a result of leaching of uranium from the pegmatite, except for superficial coatings.

Commodity Members' Comments: (excerpts)
U. S. Geological Survey, W. P. Williams, July 31, 1956

Mr. Williams notes that examining team reports that sparse uranium mineralization in small pegmatite masses is found on the property and agrees with their statement that pegmatites all over the country have been disappointing with regard to uranium ore production. Mr. Williams concurs in the Field Team's recommendation of denial.

U. S. Bureau of Mines, J. E. Crawford, August 6, 1956

Mr. Crawford agrees with the field examiners' conclusions in regard to the possibilities of the property and concurs in the recommendation to deny the application.

F. M. Murphy: Rare and Miscellaneous Metals Division. August 7, 1956

The drilling proposed by the Applicant does not have any geological justification, and the adit work must be considered prospecting. Judging from the Field examiners' report there is little possibility of finding larger or higher grade occurrences of uranium than are known to exist in the small pegmatite dikes already exposed.

Conclusion and Recommendation:

This Division agrees with the conclusions of the field examiners in regard to the uranium potential of the Lucky Strike group of claims; and concurs in the Field Team's recommendation to deny the subject application.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

8/7/56

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

August 6, 1956

RECEIVED
AUG - 6 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Report of Examination, DMEA Docket 4148 (Uranium)
Cinderella Uranium and Oil, Inc., (Lucky Strike claims),
Larimer County, Colorado

I have reviewed the report of examination, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., (Lucky Strike claims), Larimer County, Colorado, dated July 23 and received in this office July 31, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Field Team recommend that the application be denied because the uranium is syngenetic with the pegmatite, and it is therefore unlikely that any appreciable quantity of ore can be developed on the property.

We concur in the recommendation that the application for exploration assistance be denied.

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

John E Crawford
John E. Crawford

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

RECEIVED
AUG - 6 1956

August 6, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Report of Examination, DMEA Docket 4148 (Uranium)
Cinderella Uranium and Oil, Inc., (Lucky Strike claims),
Larimer County, Colorado

I have reviewed the report of examination, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., (Lucky Strike claims), Larimer County, Colorado, dated July 23 and received in this office July 31, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

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We concur in the recommendation that the application for exploration assistance be denied.

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

John E. Crawford

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

RECEIVED
AUG - 6 1956

August 6, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Report of Examination, DMEA Docket 4148 (Uranium)
Cinderella Uranium and Oil, Inc., (Lucky Strike claims),
Larimer County, Colorado

I have reviewed the report of examination, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., (Lucky Strike claims), Larimer County, Colorado, dated July 23 and received in this office July 31, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The Field Team recommend that the application be denied because the uranium is syngenetic with the pegmatite, and it is therefore unlikely that any appreciable quantity of ore can be developed on the property.

We concur in the recommendation that the application for exploration assistance be denied.

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

John E. Crawford

8-1-56

IN REPLY REFER TO:

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

July 31, 1956

Memorandum

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

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

Subject: Review of field examination report, DMEA 4148, Cinderella Uranium and Oil, Inc., Lucky Strike claims, Larimer County, Colorado.

The examining team reports that sparse uranium mineralization on the property is found in small pegmatite masses. The largest of the pegmatites was less than 6 feet wide. Only one of a series of several samples afforded an assay that was of ore grade. Previous trenching and some adit work by the applicant failed to delimit minable reserves.

Apart from the negative aspects on the property itself, pegmatites all over the country have been disappointing with regard to uranium ore production. Under the conditions I concur with the examiners' and Field Team's recommendations for denial of the application.

W. P. Williams

W. P. Williams

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AUG - 1 1956

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DEPARTMENT OF THE INTERIOR
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WASHINGTON 25, D. C.

July 31, 1956

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WPWilliams:iml
G-7/31/56

W. P. Williams

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

RECEIVED
AUG - 1 1956

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WASHINGTON 25, D. C.

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W. P. Williams

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G-7/31/56

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DMEA (3)
Docket file
J. E. Crawford, 3641
J. O. Hosted, 3210

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AUG - 1 1956

8/2/56

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

RECEIVED
JUL 30 1956

July 26, 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 4148 (Uranium)
Cinderella Uranium and Oil, Inc., (Lucky Strike claims),
Larimer County, Colorado

Enclosed are the original and three copies of a joint engineering and geologic report of examination on the subject property.

The field examiners conclude that the uranium is syngenetic with the pegmatite and that appreciable quantities of uranium ore are not likely to be discovered by further exploration on this property. They recommend that the application be denied. We concur in this recommendation.

The revised exploration program submitted by the Applicant does not influence our decision. The denial is based on the improbability of finding significant deposits of uranium ore by any exploration method.

No commitments of any sort were made by the examiners at the time of the field examination. This is contrary to the implications in Congressman O. C. Fisher's letter to Ernest Wm. Ellis dated July 17, 1956 and the Administrator's reply dated July 20, 1956.

DMEA Field Team, Region III

W. M. Traver

W. M. Traver

E. N. Harshman

E. N. Harshman

Reviewed by
DMEA OPERATING COMMITTEE
8/1/56
(date)

Enclosures

IN REPLY REFER TO:

DMEA
Date Rec'd.
JUL 25 1956
BUREAU OF MINES
Denver, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

TRANSMITTED
JUL 26 1956

July 23, 1956

RECEIVED
JUL 30 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: John F. Shaw
E. N. Harshman

Subject: DMEA Docket 4146 (Uranium), Cinderella Uranium and Oil, Inc., (Lucky Strike claims), Larimer County, Colorado

Enclosed are the original and nine copies of a joint examination report on the subject property by Carl Belser, Bureau of Mines, and Frank B. Moore, Geological Survey, in which denial of the application is recommended.

The applicant requested assistance to explore, by drilling and driving an adit, several small uranium-bearing pegmatite dikes.

We concur with the conclusions that the uranium is syngenetic with the pegmatite and that appreciable quantities of ore are not likely to be discovered by further exploration on this property, and with the recommendation that the application be denied.

for R. U. King
John F. Shaw
Superintendent of the Denver
Experiment Station

E. N. Harshman
E. N. Harshman
Member, Field Team

Enclosures (10)
RUKing:mp

8/1/56

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 30 1956

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

TRANSMITTED
JUL 26 1956

DMEA 4148

Cinderella Uranium and Oil, Inc.

Lucky Strike Claims

Larimer County, Colorado

Uranium

Joint Engineering and Geological Report

by

8/1/56

Frank B. Moore, Geologist
Geological Survey

Carl Belser, Mining Engineer
Bureau of Mines

July 23, 1956

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3. Geologic map of the Lucky Strike No. 2 prospect adit, Larimer County, Colorado. DMEA 4148	5

DMEA 4148

CINDERELLA URANIUM AND OIL, INC.,
LUCKY STRIKE CLAIMS
LARIMER COUNTY, COLORADO

RECEIVED
JUL 30 1956

INTRODUCTION AND SUMMARY

Cinderella Uranium and Oil, Inc., 905 McBurnett Building, San Angelo, Texas, applied, on December 29, 1955, to the Defense Minerals Exploration Administration for aid to explore for uranium on the Lucky Strike claims. The applicant requested aid in drilling 3,600 feet of holes and an unstated amount of crosscutting at a total estimated cost of $64,220. The cost of the crosscutting is not included in the application.

The claims were examined on July 5, 1956, by an examining team from the Federal Bureau of Mines and the U. S. Geological Survey.

The property consists of six contiguous unpatented claims on the north side of Cache La Poudre River in secs. 9 and 10, T. 8 N., R. 75 W., 6th. P.M., Larimer County, Colorado, at altitudes ranging from 8,300 feet to 9,500 feet. Development work consists of a 32-foot adit and several shallow surface cuts. No production has been made from the property or from the area.

The uranium occurs in small (1- to 6-foot) pegmatite dikes that cut Precambrian schists and granite. No uranium minerals have been identified.

Although one sample out of four was of ore grade, it is not believed that any appreciable quantity of ore can be developed on the property. It is, therefore, recommended that the application be denied.

ACKNOWLEDGMENTS

The examining team was accompanied by H. H. Enochs, Robert L. Tucker, E. Otto Williams, and Solomon Schlager. Mr. Enochs is field representative for Cinderella Uranium and Oil, Inc.

The Atomic Energy Commission was consulted before the examination was made.

Memorandums of W. P. Williams and John E. Crawford were noted.

LOCATION, TOPOGRAPHY, AND CLIMATE

The property consists of six unpatented claims in a solid block in secs. 9 and 10, T. 8 N., R. 75 W., 6th. P. M., Larimer County, Colorado (fig. 1).

The claims extend northward from the Cache La Poudre River up a steep hillside; altitudes range from 8,300 to 9,500 feet. A good graveled road, State Highway 14, follows the river and connects with U. S. Highway 287 at Ted's Place, 44 miles to the east. From Ted's Place it is 8 miles east to Fort Collins. Labor and supplies can be obtained from Fort Collins. The nearest railroad is the Colorado and Southern at Ted's Place or at Fort

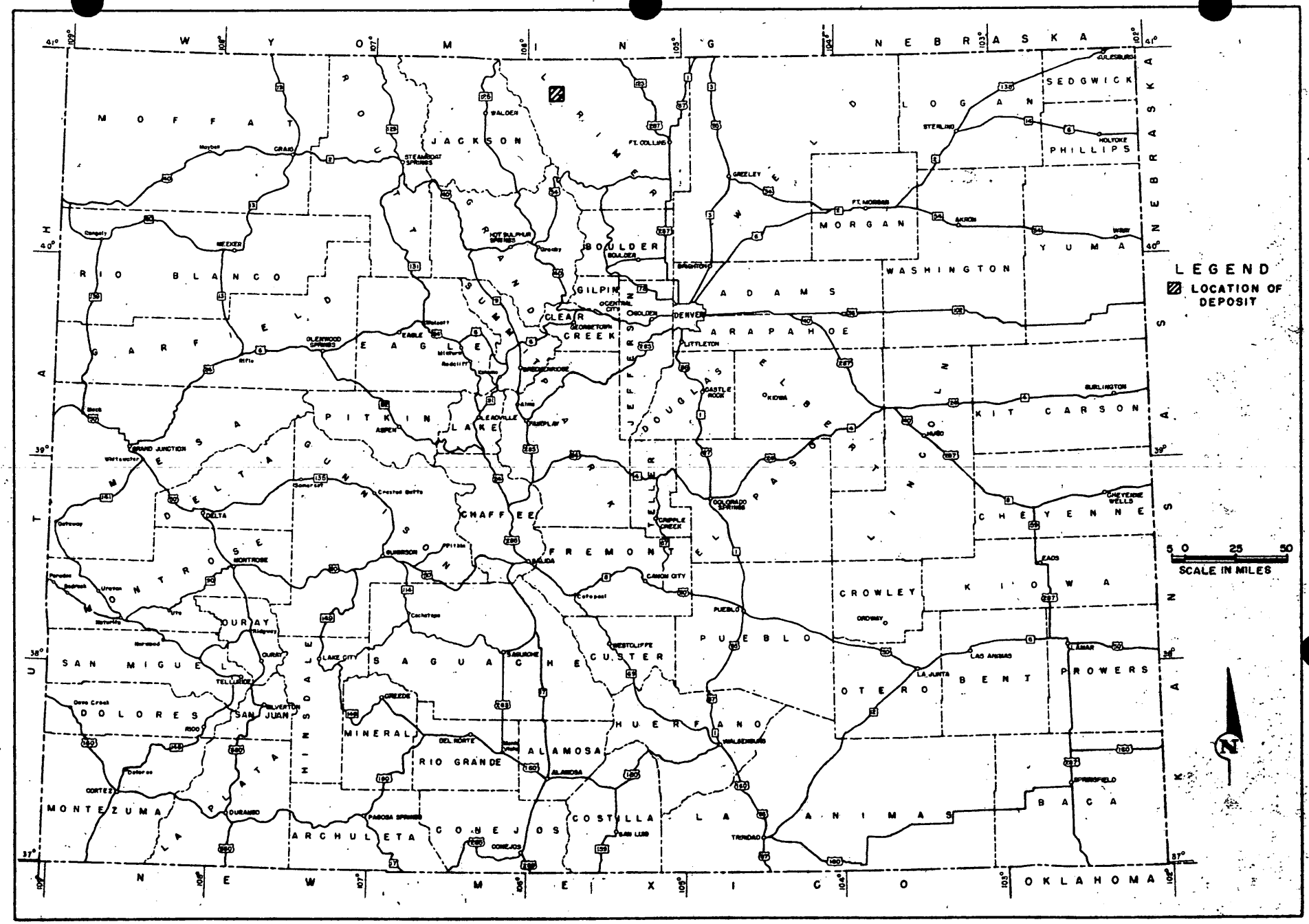

FIGURE 1 - LOCATION MAP, LUCKY STRIKE CLAIMS, CINDERELLA URANIUM AND OIL, INC., LARIMER COUNTY, COLO. DMEA 4148

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Collins, and the nearest buying depot for uranium ores is probably Salt Lake City, Utah.

The climate is somewhat severe in winter for outside work and some interruptions can be expected following severe storms.

HISTORY AND PRODUCTION

The area was prospected for gold before 1900. The Lucky Strike claims were located in July 1955 and leased to the applicant in August 1955. No production has been made from the property to this time.

OWNERSHIP AND EXTENT

The Lucky Strike claims are recorded in the records of the County Clerk and Recorder of Larimer County, Colorado as follows:

Claim	Book	Page	Date Located	Date Recorded	Locator
Lucky Strike 1	1022	440-1	7/15/55	9/15/55	Ira L. Scott & Solomon Schlagel
Lucky Strike 2	1002	442-3	"	"	" " " "
Lucky Strike 3	1002	444-5	"	"	" " " "
Lucky Strike 4	1002	446-7	"	"	" " " "
Lucky Strike 5	1002	448-9	"	"	" " " "
Lucky Strike 6	1002	450-1	"	"	" " " "

On August 25, 1955, a lease was signed between the locators of the claims and the Cinderella Uranium and Oil, Inc.

About one-half of Lucky Strike 3 claim is on patented land, otherwise the claims appear to be in good order.

PRESENT STATUS

Exploration and Development

The claims have been partly explored by a 32-foot adit and several small surface cuts.

Mining and milling equipment and other facilities

There is no mining or milling equipment on the property.

GEOLOGY

The Lucky Strike group of claims is near the contact between Precambrian schist and Precambrian granite. The contact, as shown in figure 2, is taken from the state geologic map and, of necessity, is much generalized. Rocks observed on the Lucky Strike No. 2 and No. 3 claims, the only ones examined, include schist, granite, quartz diorite, and pegmatite. The radioactive deposits are associated with the pegmatites which cut all other rocks.

The pegmatites occur as small dikes from a few inches to 6 feet wide. The larger dikes (over 2 feet wide) appear to strike either N. 35° W., or N. 60° E; many smaller dikes crisscross the area in all directions.

Five prospects were examined - one on the Lucky Strike No. 2 claim and four on the Lucky Strike No. 3 claim. For purposes of

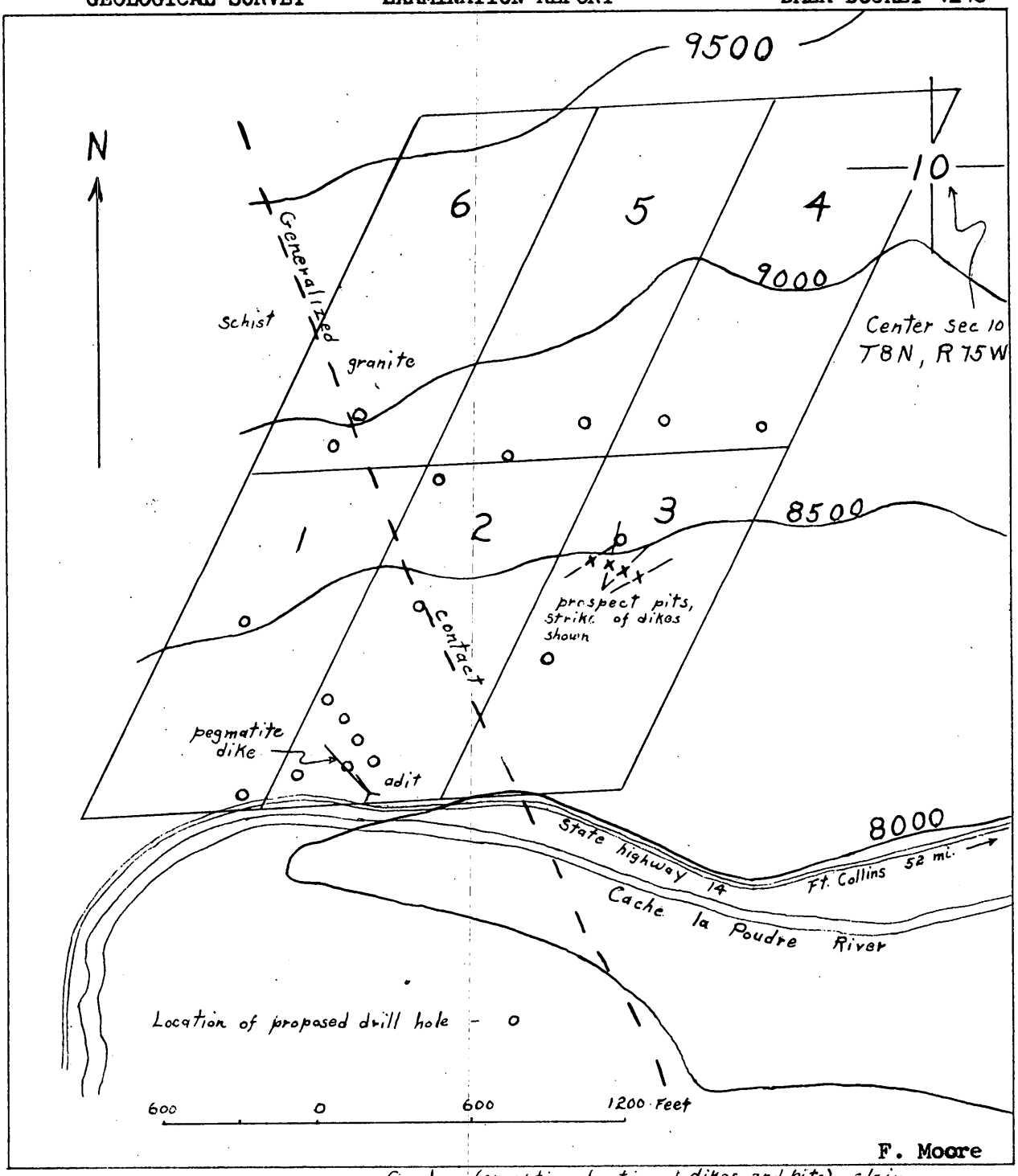
description, they will be called the No. 2 and, from east to west, the number 3a, 3b, 3c, and 3d prospects. The locations of the prospects on No. 3 claim, as shown on figure 2, have been estimated by the authors.

Lucky Strike prospect No. 2

A 2- to 3-foot wide pegmatite dike has been prospected by an adit 32 feet long. The wall rock is quartz diorite or possibly a very biotite-rich facies of the Precambrian granite. At the portal the pegmatite strikes N. 35° W. and dips 88° SW but 10 feet from the portal the dike turns toward the west and was not followed by the adit. A pegmatite on the left wall at the face may be part of the same dike. On the surface the dike can be followed up the hill to the northwest for perhaps 200 feet.

The highest radioactivity seen on the Lucky Strike group was at the portal of the adit where a count of 0.3 to 0.5 MR/hr was obtained. Several spots along the dike on the surface gave readings of 0.3 MR/hr and all the dike has radioactivity of several times background. The highest radioactivity occurs in the biotite-rich portion of the pegmatite. A sample taken by the examiners, of the most radioactive material in the pegmatite near the portal of the adit (fig. 3) contained 0.04 percent eU.

The dike is composed chiefly of orthoclase, plagioclase, quartz, and biotite in crystals as much as 1 inch in diameter.



Geology (excepting location of dikes and pits), claim boundries, and drill holes from applicants map

FIGURE 2 - MAP SHOWING GENERAL GEOLOGY, LOCATION OF CLAIMS, AND LOCATIONS OF PROPOSED DRILL HOLES, LUCKY STRIKE CLAIMS, LARIMER COUNTY, COLORADO.

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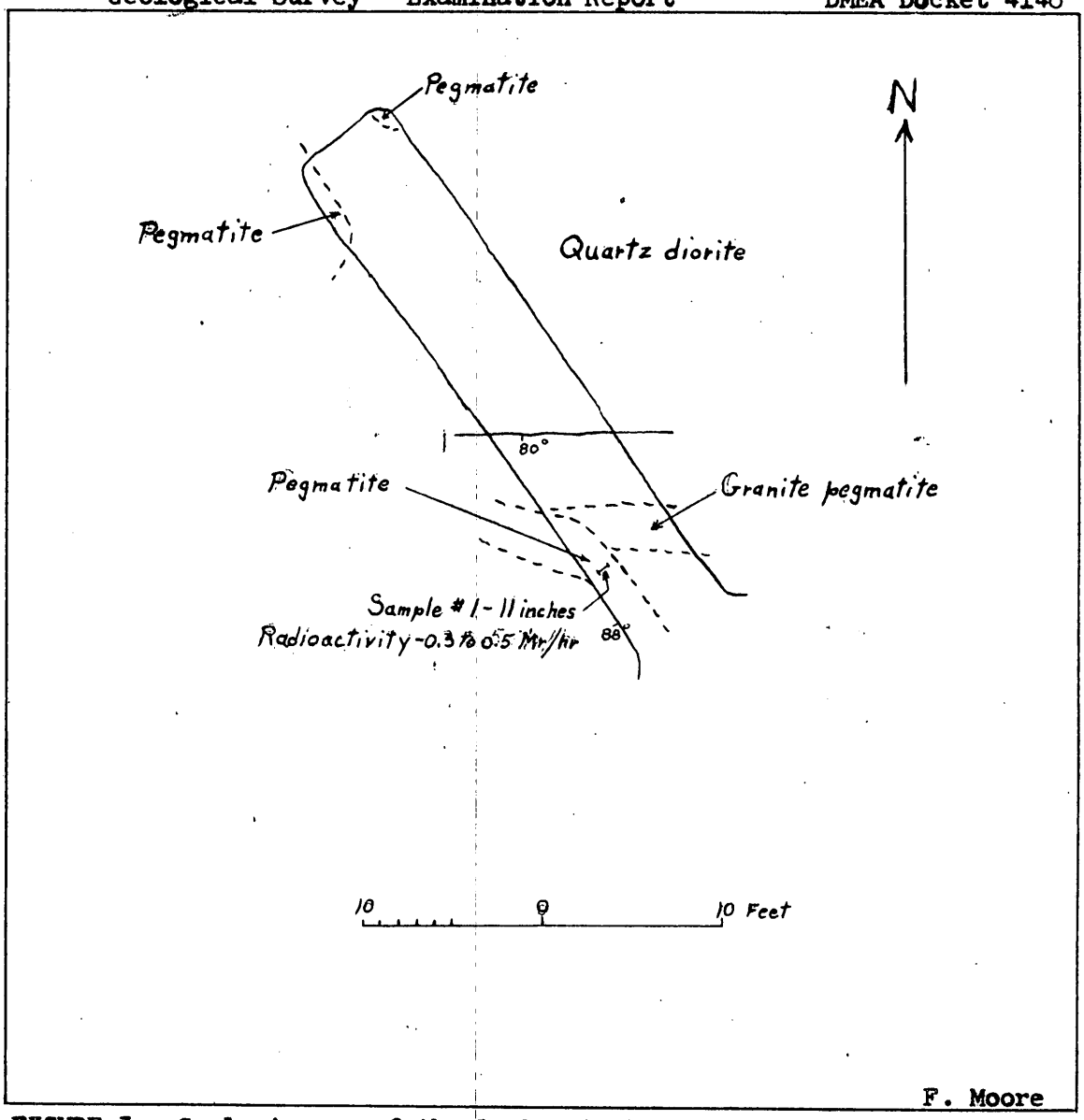

FIGURE 3 - Geologic map of the Lucky Strike No. 2 prospect adit, Larimer County, Colorado.

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No uranium minerals have been identified by the operators nor were any seen during the examination. Study of a 3-pound sample under the binocular microscope also failed to reveal any uranium minerals Trace amounts of molybdenum and pyrite are present.

Three samples collected by the operators and assayed by Charles O. Parker contained the quantities of uranium indicated below. Samples 1 and 3 were taken near where the portal is now; sample 2 was taken about 200 feet to the northwest.

	Percent	
	eU_3O_8	U_3O_8
Sample no. 1 - chips taken across the dike	0.06	0.063
Sample no. 3 - 6" in center of the dike	0.15	0.130
Sample no. 2 - chips taken across the dike	0.01	0.013

A fourth sample, taken from rock since removed in making the portal, assayed 0.76 percent U_3O_8 but is believed to have been selected for grade.

Lucky Strike prospect No. 3a

A 4-foot wide pegmatite dike that strikes N. 60° E. and dips NW 45 to 55° is explored by a shallow pit. The dike cuts schist and is similar to the dike described above except for a reddish color due to weathering. The radioactivity of the dike in the pit is 0.1 MR/hr. A sample of the material in the pit, collected by the examiners, contained 0.01 percent eeU.

Lucky Strike prospect No. 3b

A shallow pit at prospect 3b exposes a 2- to 3-foot wide, reddish, pegmatite that is similar to 3a. The dike strikes

N. 45° E. and dips 30 to 45° northwest. The country rock is quartz diorite. In the pit the dike gave a radioactivity reading of 0.1 MR/hr.

Lucky Strike prospect No. 3c

This dike is exposed at the back of a 12-foot trench. If the trench followed the pegmatite, the strike would be N. 15° E., but it may be as much as N. 50° E. The dip is 55° northwest. The dike is 1 to 2 feet wide and cuts schist country rock. The radioactivity of the dike is 0.1 MR/hr.

Lucky Strike prospect No. 3d

The prospect is on a 2- to 3-foot wide pegmatite that strikes N. 60° E. and dips 45° NW. A shallow pit exposes the pegmatite. Radioactivity at the pit is 0.5 MR/hr.

PROPOSED EXPLORATION AND COSTS

The applicant proposed an exploration program consisting of about 1 mile of difficult access road, 3,600 feet of core drilling, and an undisclosed amount of adit at a total estimated cost of $64,220. The costs follow:

Independent contracts		
Bulldozing 60 days at $104/day	$ 6,240.00	
3,600 feet core drilling at $5/ft.	18,000.00	
Compressor, drills, & men for road building, 60 days $100/day	6,000.00	
Adit driving - no costs stated		
Total independent contracts		$30,240.00
Labor and supervision		
Field representatives, 12 months at $600/mo.	$ 7,200.00	
Assistant field representative 12 months at $600/mo.	7,200.00	
Geologist, 7 months at $50/day	10,500.00	
Engineering	1,000.00	
Ground scintillation grid survey	1,500.00	
Total labor and supervision		$27,400.00
Operating material and supplies		
Explosives for road	$ 500.00	
Safety devices	200.00	
Fuel & operating expenses for vehicles	1,500.00	
Total operating material & supplies		$ 2,200.00
Operating equipment (rental)		
Station wagon, 12 months at $4/day	$ 1,440.00	
Jeep, 12 months at $4/day	1,440.00	
Total operating equipment		$ 2,880.00

Rehabilitation and repairs

None

New buildings, improvements, installations

None

Miscellaneous

Secretarial work	$ 500.00		
Total miscellaneous		$ 500.00	
Chemical analyses		$ 1,000.00	
Total estimated cost for 3,600 feet of drilling			$64,220.00
Estimated cost per foot			$ 17.84

The proposed amount of adit and the cost per foot were not stated by the applicant and were not included in the totals.

CONCLUSIONS AND RECOMMENDATIONS

The prospect at the adit on claim No. 2 is the best of the five examined. However, all the prospects are similar geologically - uranium-bearing minerals sparsely scattered through pegmatites that cut Precambrian rocks.

In all the occurrences the following factors are believed to be unfavorable for the formation of a commercial ore deposit: first, pegmatites in general have not been productive of commercial uranium ore; second, all the pegmatites examined were small - less than 6 feet wide at best - therefore eliminating the chance for

concentrations of uranium in favorable zones; and third, the grade of the deposits as shown by samples assayed and as indicated by radioactivity is not commercial (one sample probably selected for grade did assay 0.76 percent U_3O_8). There is little reason to expect that the grade will increase appreciably at depth. In veins where solutions circulate freely, uranium can be leached out of near surface parts but in this type of deposit where the uranium minerals are scattered through the rock, leaching would take place only at the surface.

For the above reasons it is recommended that the application by Cinderella Uranium and Oil, Inc., for DMEA assistance to drill for uranium on the Lucky Strike claims, Larimer County, Colorado, be denied.

7/30/56

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

July 26, 1956

[illegible] New Customhouse
Denver 2, Colorado

RECEIVED
JUL 30 1956

Memorandum

To: Secretary to the Operating Committee, DMEA

From: Field Team, Region III

Subject: Joint Report of Examination, Docket DMEA 4148 (Uranium) Cinderella Uranium and Oil, Inc., (Lucky Strike claims), Larimer County, Colorado

Enclosed are the original and three copies of a joint engineering and geologic report of examination on the subject property.

The field examiners conclude that the uranium is syngenetic with the pegmatite and that appreciable quantities of uranium ore are not likely to be discovered by further exploration on this property. They recommend that the application be denied. We concur in this recommendation.

The revised exploration program submitted by the Applicant does not influence our decision. The denial is based on the improbability of finding significant deposits of uranium ore by any exploration method.

No commitments of any sort were made by the examiners at the time of the field examination. This is contrary to the implications in Congressman O. C. Fisher's letter to Ernest Wm. Ellis dated July 17, 1956 and the Administrator's reply dated July 20, 1956.

DMEA Field Team, Region III

Reviewed by
DMEA OPERATING COMMITTEE
8/1/56
(Date)

W. M. Traver

E. M. Hawkins

Enclosures

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 30 1956

DMEA
Date Rec'd
JUL 25 1956
BUREAU OF MINES
Denver, Colorado

Defense Minerals Exploration Administration
Denver Federal Center
Denver, Colorado

July 23, 1956

TRANSMITTED
JUL 26 1956

Memorandum

To: Executive Officer, DMEA Field Team, Region III

From: John F. Shaw
E. N. Harshman

Subject: DMEA Docket 4148 (Uranium), Cinderella Uranium and Oil, Inc., (Lucky Strike claims), Larimer County, Colorado

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for W. H. King
John F. Shaw
Superintendent of the Denver
Experiment Station

E. N. Harshman
E. N. Harshman
Member, Field Team

Enclosures (10)
RUKing:mp

8/1/56

UNITED STATES
DEPARTMENT OF THE INTERIOR
FRED A. SEATON, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUL 3 J 1956

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

TRANSMITTED
JUL 26 1956

DMEA 4148

Cinderella Uranium and Oil, Inc.

Lucky Strike Claims

Larimer County, Colorado

Uranium

Joint Engineering and Geological Report

by

8/1/56

Frank B. Moore, Geologist
Geological Survey

Carl Belser, Mining Engineer
Bureau of Mines

July 25, 1956

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ILLUSTRATIONS

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DMEA 4148

CINDERELLA URANIUM AND OIL, INC.,
LUCKY STRIKE CLAIMS
LARIMER COUNTY, COLORADO

RECEIVED
JUL 30 1956

INTRODUCTION AND SUMMARY

Cinderella Uranium and Oil, Inc., 905 McBurnett Building, San Angelo, Texas, applied, on December 29, 1955, to the Defense Minerals Exploration Administration for aid to explore for uranium on the Lucky Strike claims. The applicant requested aid in drilling 3,600 feet of holes and an unstated amount of crosscutting at a total estimated cost of $64,220. The cost of the crosscutting is not included in the application.

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Although one sample out of four was of ore grade, it is not believed that any appreciable quantity of ore can be developed on the property. It is, therefore, recommended that the application be denied.

ACKNOWLEDGMENTS

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The Atomic Energy Commission was consulted before the examination was made.

Memorandums of W. P. Williams and John E. Crawford were noted.

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The property consists of six unpatented claims in a solid block in secs. 9 and 10, T. 8 N., R. 75 W., 6th. P. M., Larimer County, Colorado (fig. 1).

The claims extend northward from the Cache La Poudre River up a steep hillside; altitudes range from 8,300 to 9,500 feet. A good graveled road, State Highway 14, follows the river and connects with U. S. Highway 287 at Ted's Place, 44 miles to the east. From Ted's Place it is 8 miles east to Fort Collins. Labor and supplies can be obtained from Fort Collins. The nearest railroad is the Colorado and Southern at Ted's Place or at Fort

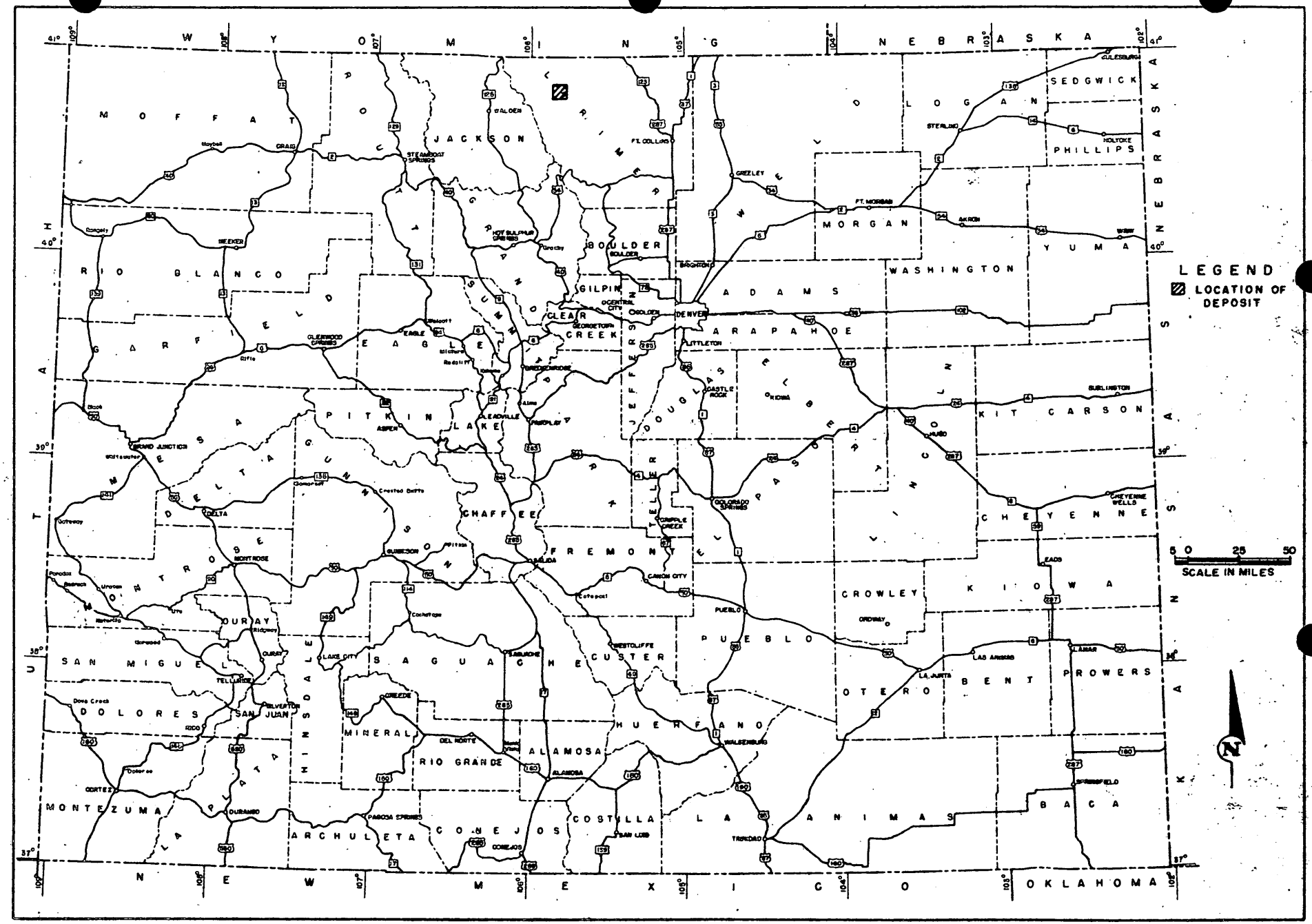

FIGURE 1 - LOCATION MAP, LUCKY STRIKE CLAIMS, CINDERELLA URANIUM AND OIL, INC., LARIMER COUNTY, COLO. DMEA 4148

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JUL 3 0 1956

Collins, and the nearest buying depot for uranium ores is probably Salt Lake City, Utah.

The climate is somewhat severe in winter for outside work and some interruptions can be expected following severe storms.

HISTORY AND PRODUCTION

The area was prospected for gold before 1900. The Lucky Strike claims were located in July 1955 and leased to the applicant in August 1955. No production has been made from the property to this time.

OWNERSHIP AND EXTENT

The Lucky Strike claims are recorded in the records of the County Clerk and Recorder of Larimer County, Colorado as follows:

Claim	Book	Page	Date Located	Date Recorded	Locator
Lucky Strike 1	1022	440-1	7/15/55	9/15/55	Ira L. Scott & Solomon Schlagel
Lucky Strike 2	1002	442-3	"	"	" " " "
Lucky Strike 3	1002	444-5	"	"	" " " "
Lucky Strike 4	1002	446-7	"	"	" " " "
Lucky Strike 5	1002	448-9	"	"	" " " "
Lucky Strike 6	1002	450-1	"	"	" " " "

On August 25, 1955, a lease was signed between the locators of the claims and the Cinderella Uranium and Oil, Inc.

About one-half of Lucky Strike 3 claim is on patented land, otherwise the claims appear to be in good order.

PRESENT STATUS

Exploration and Development

The claims have been partly explored by a 32-foot adit and several small surface cuts.

Mining and milling equipment and other facilities

There is no mining or milling equipment on the property.

GEOLOGY

The Lucky Strike group of claims is near the contact between Precambrian schist and Precambrian granite. The contact, as shown in figure 2, is taken from the state geologic map and, of necessity, is much generalized. Rocks observed on the Lucky Strike No. 2 and No. 3 claims, the only ones examined, include schist, granite, quartz diorite, and pegmatite. The radioactive deposits are associated with the pegmatites which cut all other rocks.

The pegmatites occur as small dikes from a few inches to 6 feet wide. The larger dikes (over 2 feet wide) appear to strike either N. 35° W., or N. 60° E; many smaller dikes crisscross the area in all directions.

Five prospects were examined - one on the Lucky Strike No. 2 claim and four on the Lucky Strike No. 3 claim. For purposes of

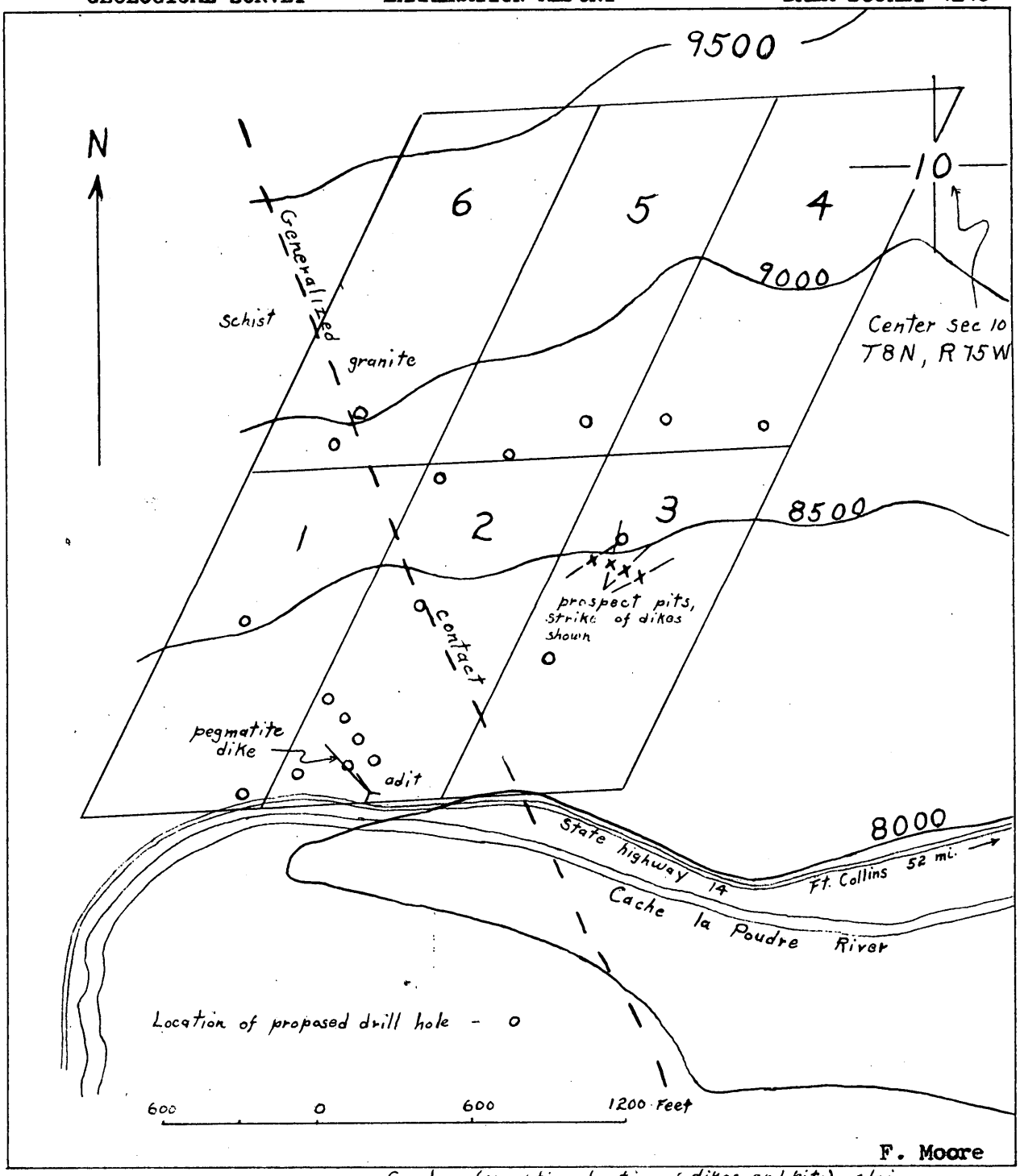
description, they will be called the No. 2 and, from east to west, the number 3a, 3b, 3c, and 3d prospects. The locations of the prospects on No. 3 claim, as shown on figure 2, have been estimated by the authors.

Lucky Strike prospect No. 2

A 2- to 3-foot wide pegmatite dike has been prospected by an adit 32 feet long. The wall rock is quartz diorite or possibly a very biotite-rich facies of the Precambrian granite. At the portal the pegmatite strikes N. 35° W. and dips 88° SW but 10 feet from the portal the dike turns toward the west and was not followed by the adit. A pegmatite on the left wall at the face may be part of the same dike. On the surface the dike can be followed up the hill to the northwest for perhaps 200 feet.

The highest radioactivity seen on the Lucky Strike group was at the portal of the adit where a count of 0.3 to 0.5 MR/hr was obtained. Several spots along the dike on the surface gave readings of 0.3 MR/hr and all the dike has radioactivity of several times background. The highest radioactivity occurs in the biotite-rich portion of the pegmatite. A sample taken by the examiners, of the most radioactive material in the pegmatite near the portal of the adit (fig. 3) contained 0.04 percent eU.

The dike is composed chiefly of orthoclase, plagioclase, quartz, and biotite in crystals as much as 1 inch in diameter.



Geology (excepting location of dikes and pits), claim boundries, and drill holes from applicants map

FIGURE 2 - MAP SHOWING GENERAL GEOLOGY, LOCATION OF CLAIMS, AND LOCATIONS OF PROPOSED DRILL HOLES, LUCKY STRIKE CLAIMS, LARIMER COUNTY, COLORADO.

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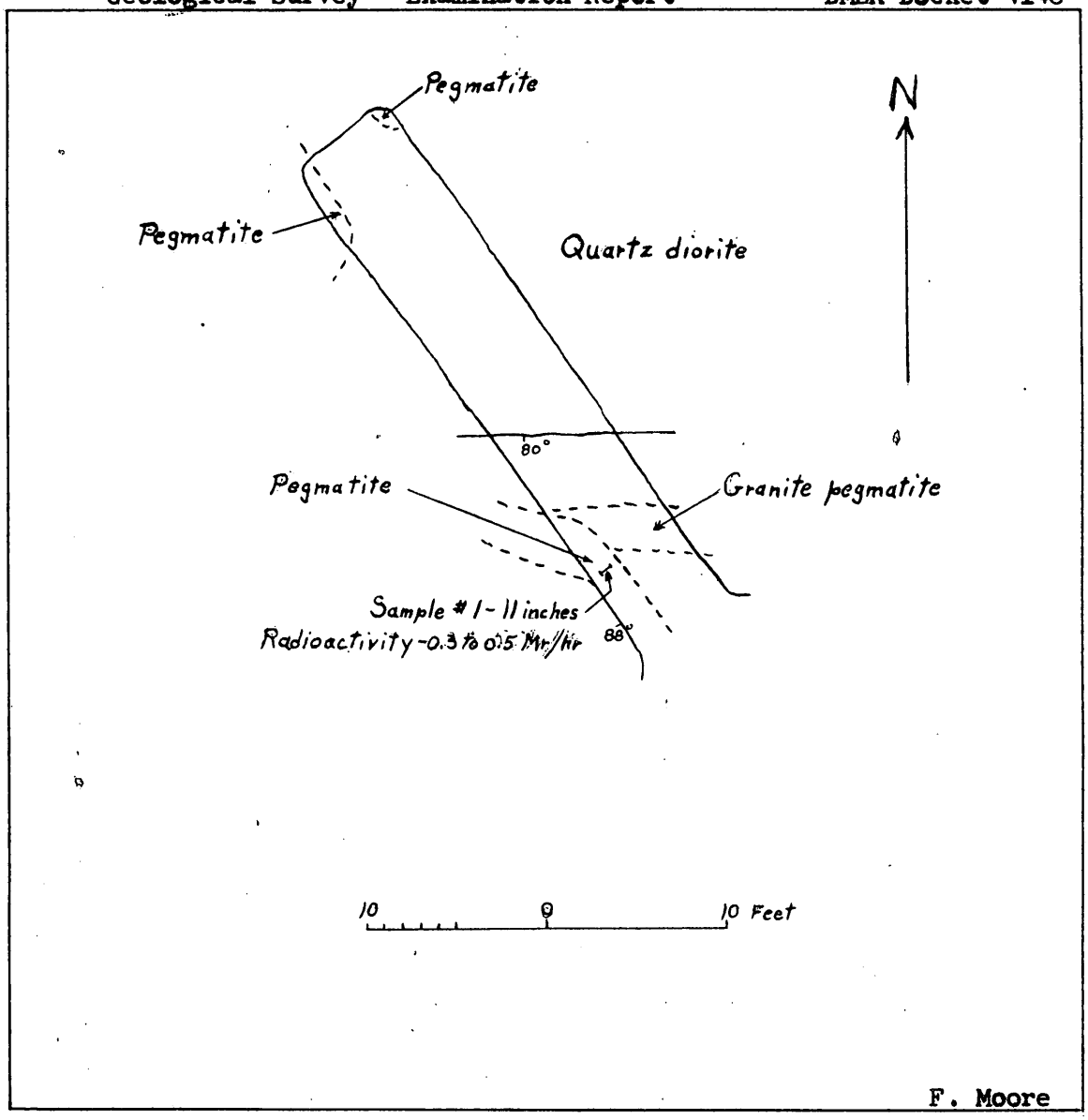

FIGURE 3 - Geologic map of the Lucky Strike No. 2 prospect adit, Larimer County, Colorado.

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JUL 3 0 1956

No uranium minerals have been identified by the operators nor were any seen during the examination. Study of a 3-pound sample under the binocular microscope also failed to reveal any uranium minerals Trace amounts of molybdenum and pyrite are present.

Three samples collected by the operators and assayed by Charles O. Parker contained the quantities of uranium indicated below. Samples 1 and 3 were taken near where the portal is now; sample 2 was taken about 200 feet to the northwest.

	Percent	
	eU_3O_8	U_3O_8
Sample no. 1 - chips taken across the dike	0.06	0.063
Sample no. 3 - 6" in center of the dike	0.15	0.130
Sample no. 2 - chips taken across the dike	0.01	0.013

A fourth sample, taken from rock since removed in making the portal, assayed 0.76 percent U_3O_8 but is believed to have been selected for grade.

Lucky Strike prospect No. 3a

A 4-foot wide pegmatite dike that strikes N. 60° E. and dips NW 45 to 55° is explored by a shallow pit. The dike cuts schist and is similar to the dike described above except for a reddish color due to weathering. The radioactivity of the dike in the pit is 0.1 MR/hr. A sample of the material in the pit, collected by the examiners, contained 0.01 percent eU.

Lucky Strike prospect No. 3b

A shallow pit at prospect 3b exposes a 2- to 3-foot wide, reddish, pegmatite that is similar to 3a. The dike strikes

N. 45° E. and dips 30 to 45° northwest. The country rock is quartz diorite. In the pit the dike gave a radioactivity reading of 0.1 MR/hr.

Lucky Strike prospect No. 3c

This dike is exposed at the back of a 12-foot trench. If the trench followed the pegmatite, the strike would be N. 15° E., but it may be as much as N. 50° E. The dip is 55° northwest. The dike is 1 to 2 feet wide and cuts schist country rock. The radioactivity of the dike is 0.1 MR/hr.

Lucky Strike prospect No. 3d

The prospect is on a 2- to 3-foot wide pegmatite that strikes N. 60° E. and dips 45° NW. A shallow pit exposes the pegmatite. Radioactivity at the pit is 0.5 MR/hr.

PROPOSED EXPLORATION AND COSTS

The applicant proposed an exploration program consisting of about 1 mile of difficult access road, 3,600 feet of core drilling, and an undisclosed amount of adit at a total estimated cost of $64,220. The costs follow:

Independent contracts		
Bulldozing 60 days at $104/day	$ 6,240.00	
3,600 feet core drilling at $5/ft.	18,000.00	
Compressor, drills, & men for road building, 60 days $100/day	6,000.00	
Adit driving - no costs stated		
Total independent contracts		$30,240.00
Labor and supervision		
Field representatives, 12 months at $600/mo.	$ 7,200.00	
Assistant field representative 12 months at $600/mo.	7,200.00	
Geologist, 7 months at $50/day	10,500.00	
Engineering	1,000.00	
Ground scintillation grid survey	1,500.00	
Total labor and supervision		$27,400.00
Operating material and supplies		
Explosives for road	$ 500.00	
Safety devices	200.00	
Fuel & operating expenses for vehicles	1,500.00	
Total operating material & supplies		$ 2,200.00
Operating equipment (rental)		
Station wagon, 12 months at $4/day	$ 1,440.00	
Jeep, 12 months at $4/day	1,440.00	
Total operating equipment		$ 2,880.00

Rehabilitation and repairs

None

New buildings, improvements, installations

None

Miscellaneous

Secretarial work	$ 500.00		
Total miscellaneous		$ 500.00	
Chemical analyses		$ 1,000.00	
Total estimated cost for 3,600 feet of drilling			$64,220.00
Estimated cost per foot			$ 17.84

The proposed amount of adit and the cost per foot were not stated by the applicant and were not included in the totals.

CONCLUSIONS AND RECOMMENDATIONS

The prospect at the adit on claim No. 2 is the best of the five examined. However, all the prospects are similar geologically - uranium-bearing minerals sparsely scattered through pegmatites that cut Precambrian rocks.

In all the occurrences the following factors are believed to be unfavorable for the formation of a commercial ore deposit: first, pegmatites in general have not been productive of commercial uranium ore; second, all the pegmatites examined were small - less than 6 feet wide at best - therefore eliminating the chance for

concentrations of uranium in favorable zones; and third, the grade of the deposits as shown by samples assayed and as indicated by radioactivity is not commercial (one sample probably selected for grade did assay 0.76 percent U_3O_8). There is little reason to expect that the grade will increase appreciably at depth. In veins where solutions circulate freely, uranium can be leached out of near surface parts but in this type of deposit where the uranium minerals are scattered through the rock, leaching would take place only at the surface.

For the above reasons it is recommended that the application by Cinderella Uranium and Oil, Inc., for DMEA assistance to drill for uranium on the Lucky Strike claims, Larimer County, Colorado, be denied.

7/30/56

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

RECEIVED
JUL 30 1956

July 27, 1956

24 New Customhouse
Denver 2, Colorado

Mr. Douglas A. Williams, Secretary
Cinderella Uranium and Oil, Inc.
423 South Irving Street
San Angelo, Texas

Re: Docket DMEA 4148 (Uranium)
(Lucky Strike claims), Larimer
County, Colorado

Dear Mr. Williams:

This is to advise that the recommendations of the Field Team, Region III, have been forwarded to the Washington Office, DMEA.

They will notify you of their final action on the captioned application.

Very truly yours,

W. M. TRAVER,

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

HMC:ab

cc: Sec. Op. Comm. (2)
Docket 4148
Harshman
Chron.

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

RECEIVED
JUL 30 1956

July 27, 1956

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Denver 2, Colorado

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Field Team, Region III

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cc: Sec. Op. Comm. (2)
Docket 4148
Harshman
Chron.

7-27-56

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

RECEIVED
JUL 27 1956

July 24, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: E. N. Harshman
J. F. Shaw (2)

From: Field Team, Region III

Subject: Docket DMEA 4148 (Uranium) Cinderella Uranium and Oil, Inc., (Lucky Strike claims), Larimer County, Colorado

Enclosed are the following regarding the Applicant's requested modification of the proposed exploration work:

1. Copy of a letter from the Chairman of the Operating Committee dated July 20, 1956.

2. Copy of a letter from Ernest Wm. Ellis to the Applicant dated July 20, 1956.

3. Copy of a letter from O. C. Fisher, member of Congress, to E. W. Ellis dated July 17, 1956.

4. Copy of the Administrator's letter to Congressman Fisher dated July 20, 1956.

5. Letter from the Applicant dated July 14, 1956 to E. W. Ellis requesting a modification of the proposed exploration work.

DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer

Enclosures
EMC:ab
cc: Sec. Op. Comm. (2)
Docket 4148
Chron.

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

RECEIVED
JUL 27 1956

July 24, 1956

224 New Customhouse
Denver 2, Colorado

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DMEA Field Team, Region III

W. M. TRAVER,

By W. M. Traver
Executive Officer

Enclosures
WMT:sb
cc: Sec. Op. Comm. (2)
Docket 4148
Chron.

Surname copy

700

Murphy
Ellis
FFJuman

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

20 JUL 1956

Hon. O. C. Fisher
House of Representatives
Washington 25, D. C.

Re: Docket No. DMEA-4148 (Uranium)
Cinderella Uranium and Oil, Inc.
Lucky Strike Claims
Larimer County, Colorado

My dear Mr. Fisher:

This is in response to your letter of July 17, addressed to Mr. Ellis of this Agency, relating to action on the above-referenced application.

There has been some delay in processing the application which was received by this Agency on January 30, 1956. On February 1, we requested the Applicant to submit essential information which we required to judge the merit of the proposed project. This information, in part, was received on May 7 and, after being reviewed, the application was referred to our Region III Field Team for a field examination.

During the field examination it appears that the Applicant and the Field Team representatives agreed that the revised method mentioned in the amended application would be the most suitable to explore the property. Copies of the amended application, dated July 14, 1956, have been forwarded to the Field Team.

Be assured that we will make every possible effort to expedite the processing of subject application.

Sincerely yours,

G. O. Mittendorf

Administrator

FMMurphy/izm/gla
(7-18-56) 7-19-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JCHosted, Rm. 3210, GSA

R.C.S.

Surname copy

700

Murphy
Ellis
Selfridge
Johnson

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

20 JUL 1956

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

Re: Docket No. DMEA-448 (Uranium)
Cinderella Uranium and Oil, Inc.
Inaky Strike Claims
Larimer County, Colorado

Dear Mr. Traver:

Your memorandum, dated May 21, 1956, referred the captioned application to J. F. Shaw and E. N. Harshman for a field examination and suitable report.

Enclosed are two copies of a letter, dated July 14, 1956, from the Applicant to Mr. Ellis, requesting a modification of the proposed exploration work.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (SHS)

Enclosures

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

APPROVED:

P. F. Yopes (SHS)
Member, Bureau of Mines

Thor H. Kiilsgaard (SHS)
Member, Geological Survey

P. S. Also enclosed are copies of a letter, dated July 17, 1956, from Representative O. C. Fisher and the Administrator's response.

R.C.L.

Surname copy

700

Murphy
Ellis
Yoga
Kiilsgaard
Selfridge
Johnson

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

20 JUL 1956

Mr. Marvin C. Hanz, President
Cinderella Uranium and Oil, Inc.
423 South Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Hanz:

This will acknowledge the original and four copies of your letter, dated July 14, 1956, requesting a modification of the subject application. Copies of this letter have been referred to the Executive Officer, DMEA Field Team, Region III, for consideration.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

Copy to: Holvey H. Enochs, Field Representative
Cinderella Uranium and Oil, Inc.
Spencer Heights
Bellvue, Colorado

FMMurphy/gla
7-16-56
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)

R.E.S.

O. C. FISHER
21ST DIST., TEXAS

700 7-18-56

COMMITTEE:
ARMED SERVICES

Congress of the United States
House of Representatives
Washington, D. C.

RECEIVED
JUL 18 1956

July 17, 1956

Mr. Wm. Ernest Ellis, Chief
Rare and Miscellaneous Metals Division
Department of the Interior
Washington 25, D. C.

Re: HANZ, Marvin C.
Docket #DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Ellis:

rec. Jan 30/56

My attention has been called to an application made for Cinderella Uranium and Oil, Inc., which is owned by a number of West Texas citizens. The original application was filed on January 25, 1956 and has been completely processed through the proper channels. In the meantime it was decided by the Department that they should make an amended application changing the program from a drill program to a drift and tunneling program.

An amended application conforming with the request of the Department was mailed to you on 14 July 1956. According to Mr. Hanz the lease owned by these West Texas people will expire in about thirty or forty days and in order to avoid further delay in starting their work it is necessary that their application be processed with as much expediency as possible. Anything that may be properly done in expediting this application will be appreciated.

Thanking you, I am

Sincerely yours,

O. C. Fisher

O. C. FISHER

requested More info. Feb 1.
rec. May 7
referred to F.T. May 17
F.T. request G.J. to exam. May 21

7-16-56

INDERELLA
Uranium and Oil, Inc

423 SOUTH IRVING STREET
SAN ANGELO, TEXAS

DENVER, COLORADO

RECEIVED
JUL 16 1956

July 14, 1956

Mr. Ernest Wm. Ellis, Chief,
Rare and Miscellaneous Metals Division,
United States Department of the Interior,
Defense Minerals Exploration Administration,
Washington, 25, D. C.

In Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims,
Larimer County, Colorado

Dear Mr. Ellis:

I have just completed a conference with our geologist in regard to the above captioned loan application after having been again on the properties with the DMEA Field Team. We have again checked the application in regards to findings at such time and he has recommended the application be changed as shown on the Exhibits enclosed herewith which I would appreciate having inserted in the original application in lieu of the original requests.

It is the opinion of the geologist that very little information would be obtained through a drilling program in the area and that a tunnel drift program should be adopted instead of the drill program as presented. The recommendation being that the area be mapped for all necessary geological information and that a drift be commenced at the portal of the present tunnel following the radioactive pegmatites which have been assayed at .78 U_3O_8 in the direction of the strike and following the radiation toward the intersection of numerous intersecting pegmatites estimated to be intersecting at N 37 deg. W. from portal and at such intersection to drift 20feet on each intersecting pegmatite; that road should be built to explore three other dykes on the claims starting at the Southwest corner of claim 1 crossing over the top of the intersecting dykes on claim two and continuing over across to the center of claim three, following the easiest assesability for work without having to cut any added rock than absolutely necessary, switching back on claim three and continuing back and up and switching back again until road has been completed to make the dyke on claim 4 assesable to move machinery for a 50 foot tunnel on such dyke which is on lower claim four and has ~~similar~~ strike of N 37 deg. W. and in crossing with such road dyke on claim three and upper two will be assesable for tunneling which is recommended for 50 feet each. A total of drifting and tunneling operations is recommended at 500 feet and 3000 feet of road is likewise recommended. The approximate location of the road and dykes are shown on the enclosed map.

Although not recommended it is feelt that 200 feet of drilling at the portal entrance where radiation continued to increase to the depth drilled and the intensity increased and analysis increased as shown by the

prior narrative report would be of benefit to determine if the radiation increases and the analysis increases at a greater depth instead of having to drop a shaft at a much greater expense.

I regret that this report and amended application has come to your hand so late, however our geologist has just returned so that I might have his ideas in making up this amended application.

We will appreciate your kind consideration of this amendment and would appreciate hearing as soon as possible on same.

Respectfully requested,

CINDERELLA URANIUM AND OIL, INC.,

Marvin C. Hanz,
President

Attest:
Douglas A. Williams, Secretary

RECEIVED
JUL 1 0 1958

Amended EXHIBIT G

All to be Let on Contract

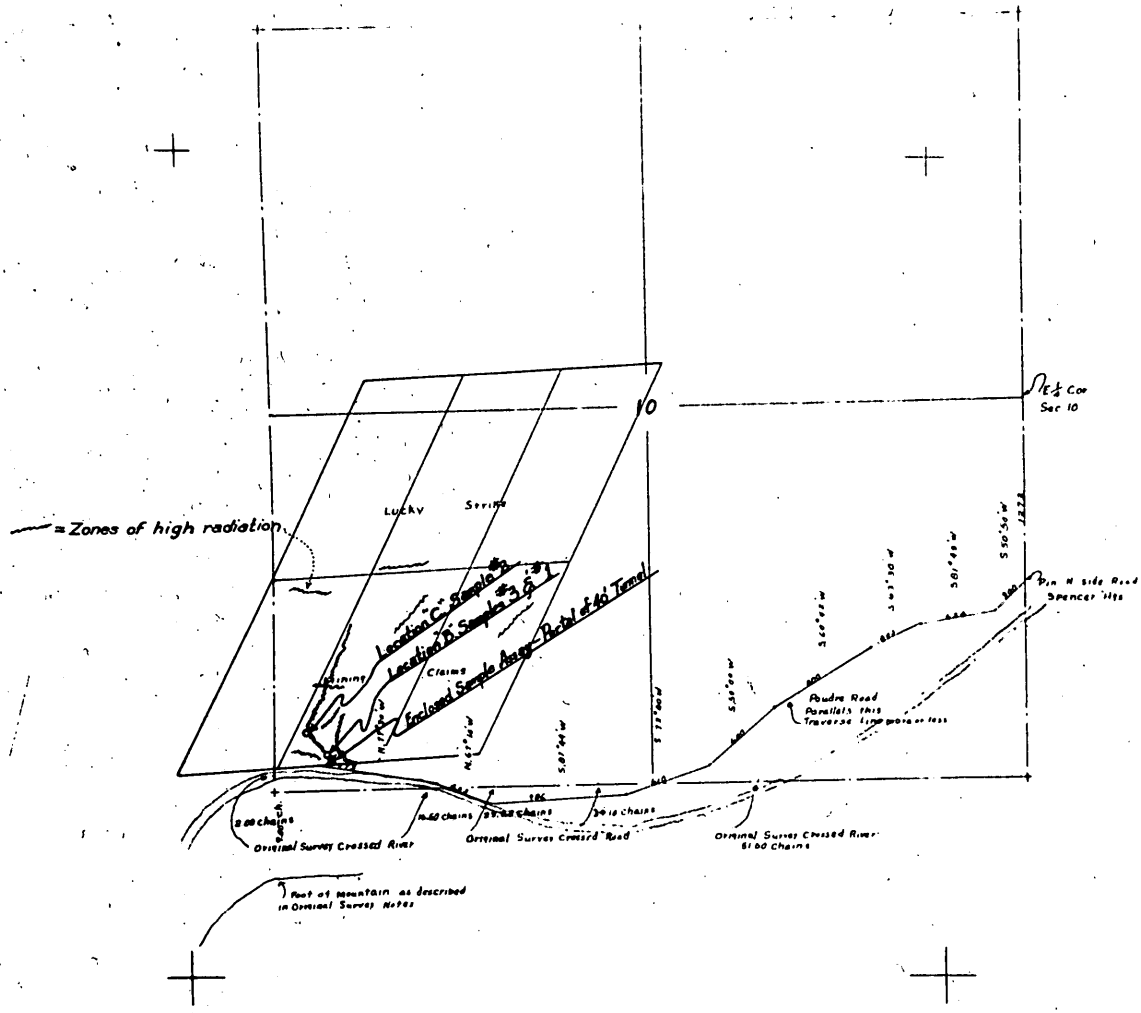
200 feet of Coring at $6.00 per foot	$1,200.00
500 feet of Tunneling by Drift at $45.00 per Foot	22,500.00
3000 feet of Road Building	6,000.00
Clearing and Making assesable Dump and Equipment Area and Office and Living Area	1,740.00
Office and Housing	3,000.00
Total Exhibit G	33,940.00
Total of Exhibit H	25,900.00
Total of Exhibit J	4,380.00
Total of Application	$64,220.00

RECEIVED
JUL 16 1956

Amended EXHIBIT H

Item 6(b) MF 103

Field Representative, $600.00 per month for 12 months	$7,200.00
Assistant Field Representative $350.00 per month	4,200.00
Geologist (furnishing own equipment), $50.00 per day for 7 months	10,500.00
Engineering Service	1,000.00
Core Analysis, Assays, etc.	1,000.00
Ground Scintillation Grid Survey	1,500.00
Secretarial work	500.00
Total Amended Exhibit H	$25,900.00


10
Sec 10
Lucky
Spring
= Zones of high radiation
Location "C" Sample #2
Location "D" Sample #3 & 1
Enclosed Sample Assay - Portal of 40' Tunnel
Claims
Pin N side Road
Spencer Hills
Poudre Road
Parallels this
Traverse line more or less
186
2.00 chains
Original Survey Crossed River
Original Survey Crossed Road
Original Survey Crossed River
61.00 Chains
Foot of mountain as described
in Original Survey Notes

RECEIVED
JUL 16 1956

RECEIVED
MAY 25 1956

May 22, 1956

Memorandum

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

From: Superintendent, Denver Experiment Station, Reg. III

Subject: Docket DMEA 4148 (Uranium), Cinderella Uranium and Oil, Inc. (Lucky Strike claims), Larimer County, Colorado

The application for Cinderella Uranium and Oil, Inc., Docket DMEA 4148, was received in this office on May 22, 1956.

A field examination will be made and suitable report prepared by an engineer from the Denver office.

JOHN F. SHAW

John F. Shaw

cc: W. M. Traver (2)
E. N. Harshman
J. F. Shaw
Sec. Op. Com. (2)

RECEIVED
MAY 25 1956

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John F. Shaw

cc: W. M. Traver (2)
E. N. Harshman
J. F. Shaw
See. Op. Com. (8)

5/23/56

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

RECEIVED
MAY 23 1956

May 21, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw (2)
E. H. Karshman

From: Field Team, Region III

Subject: DMEA Docket 4148 (Uranium) Cinderella Uranium and Oil, Inc. (Lucky Strike Claims), Larimer County, Colorado

Enclosed is the engineer's copy of the subject application. A field examination and suitable report are required.

Attached also are the copy of the Narrative Report, Assay Certificate, and one copy each of two maps mentioned in the letter from the Chairman, Operating Committee dated May 17, 1956. Also included are reviews of the subject application by W. P. Williams and John E. Crawford.

DMEA Field Team, Region III

J. W. Townsend

By J. W. Townsend
Acting Executive Officer

Enclosures

DMC:sb

cc: Chair. Op. Comm. (2)
Docket 4148
Chron.

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

RECEIVED
MAY 23 1956

May 21, 1956

25th Ave Customhouse
Denver 2, Colorado

Memorandum

To: J. F. Shaw (2)
E. E. Kerzhman

From: Field Team, Region III

Subject: DMEA Docket 4148 (Uranium) Cinderella Uranium and Oil, Inc. (Lucky Strike Claims), Larimer County, Colorado

Enclosed is the engineer's copy of the subject application. A field examination and suitable report are required.

Attached also are the copy of the Narrative Report, Assay Certificate, and one copy each of two maps mentioned in the letter from the Chairman, Operating Committee dated May 17, 1956. Also included are reviews of the subject application by W. F. Williams and John E. Crawford.

DMEA Field Team, Region III

J. W. Townsend

By J. W. Townsend
Acting Executive Officer

Enclosures

EEC:ab

cc: Chair. Op. Comm. (2)
Docket 4148
Chron.

700

FILE COPY
Surname:

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

MAY 17 1956

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

Re: Docket No. DMEA-448 (Uranium)
Cinderella Uranium and Oil, Inc.
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Traver:

The captioned application is referred to Region III Field Team for a field examination and recommendation.

Enclosed are copies of memoranda, dated May 9 and 10, 1956, by W. P. Williams, USGS, and J. E. Crawford, USBM, respectively, relating to the application. Also enclosed are: One copy of a narrative report, dated May 4, 1956; one copy of an assay certificate, by Charles O. Parker and Company; and one copy each of two maps showing the topography and location where samples were taken.

In the event the Field Team recommends a project to explore the subject claims, it should advise the Applicant that we will require six copies of the Owners' Consent to Lien, signed by Solomon Schlagel of Karsey, Colorado, and Ira L. Scott of 2021 Quitman Street, Denver, Colorado.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

/s/ Robert W. Geehan

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

FMMurphy/izm 5-14-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Operating Committee
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

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

700
FILE COPY
Surname:

MAY 17 1956

Mr. Holvey N. Enochs, Field Representative
Cinderella Uranium and Oil, Inc.
Spencer Heights
Bellvue, Colorado

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Enochs:

The application for assistance in exploring your property, under the captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. It has been referred for a field examination to:

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

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

Sincerely yours,

C. O. Mittendorf

Administrator

FMMurphy/izm 5-24-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region III (2)

5-11-56

RECEIVED
MAY 11 1956

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

May 10, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Additional Information, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., Lucky Strike Claims, Larimer County, ~~Wyo.~~ Colorado.

I have reviewed the attached additional information, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., Lucky Strike Claims, Larimer County, ~~Wyo.~~ Colo., dated May 4, and received in this office May 8, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant was requested on February 1, 1956, by DMEA to submit additional pertinent data in support of the application for Federal assistance to explore for uranium.

The additional information submitted by the applicant on May 4, 1956, contains a narrative report, an assay report, and maps showing the subject claims and the proposed exploration program.

Perhaps the field team may be able to correlate the additional information with knowledge they may have of the subject area. Consequently, referral of the application to the field for suitable action is recommended. The field team is requested to consult with D. L. Everhart, Acting Chief, Denver Exploration Branch, Atomic Energy Commission.

John E. Crawford
John E. Crawford

Attachment

5-11-56

IN REPLY REFER TO:

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

RECEIVED
MAY 11 1956

May 9, 1956

Memorandum

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

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

Subject: Review of application and supplemental information, DMEA 4148, Cinderella Uranium and Oil, Inc., Lucky Strike claims, Larimer County, Colorado.

The applicant proposes to explore for uranium ore on six unpatented mining claims. The contemplated work would include 3,600 feet of core drilling and extending an existing adit. Total project cost, as estimated by the applicant, would be $64,220.00.

Uranium mineralization on the property is in pegmatite dikes which have intruded a biotite granite. Under those conditions it would seem that while small amounts of high grade primary ore might be found scattered through the pegmatite, it probably would be difficult to obtain ore in large enough quantities to support a mining venture. The steeply dipping pegmatite dikes would also require underground mining methods, which would, of necessity, rapidly become very deep and expensive.

A favorable feature of the deposit is the probable length of the pegmatite of about 1,300 feet with thickness up to 6 feet. Thus a fairly large tonnage of host rock may be assumed.

The applicant submits assays, one of which showed a grade of 0.76 U_3O_8. The applicant states that the sample which afforded that value was representative. Of that I am skeptical. Under the geologic conditions involved it seems unlikely that the uranium mineralization is evenly and persistently distributed through the pegmatite.

The applicant's geologist states, " . . . a more detailed geologic survey and field mapping program (is necessary) to fully evaluate the complex relationships of the intrusive rock with the

country rock, and also the extent of uraniferous mineralization along the dike system." To me that is an excellent recommendation and such a program should be the first step in exploring the deposit before jumping into an expensive drilling, drifting, and crosscutting operation.

I believe, however, that the application should be referred to the Field Team for review, and field examination if they deem such advisable.

A title opinion attached to the application points out that title to part of claim No. 3 does not rest with the applicant; so that area under the present lease could not become the locale of any proposed work.

W P Williams

W. P. Williams

BUREAU OF MINES
WASHINGTON, D. C.

MAY 11 8 45 AM '56

IN REPLY REFER TO:

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

RECEIVED
MAY 11 1956

May 9, 1956

Memorandum

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

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

Subject: Review of application and supplemental information, DMEA 4140, Cinderella Uranium and Oil, Inc., Lucky Strike claims, Larimer County, Colorado.

The applicant proposes to explore for uranium ore on six unpatented mining claims. The contemplated work would include 3,600 feet of core drilling and extending an existing adit. Total project cost, as estimated by the applicant, would be $64,280.00.

Uranium mineralization on the property is in pegmatite dikes which have intruded a biotite granite. Under these conditions it would seem that while small amounts of high grade primary ore might be found scattered through the pegmatite, it probably would be difficult to obtain ore in large enough quantities to support a mining venture. The steeply dipping pegmatite dikes would also require underground mining methods, which would, of necessity, rapidly become very deep and expensive.

A favorable feature of the deposit is the probable length of the pegmatite of about 1,300 feet with thickness up to 6 feet. Thus a fairly large tonnage of host rock may be assessed.

The applicant submits assays, one of which showed a grade of 0.76 U_3O_8. The applicant states that the sample which offered that value was representative. Of that I am skeptical. Under the geologic conditions involved it seems unlikely that the uranium mineralization is evenly and persistently distributed through the pegmatite.

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I believe, however, that the application should be referred to the Field Team for review, and field examination if they deem such advisable.

A title opinion attached to the application points out that title to part of claim No. 3 does not rest with the applicant; so that even under the present lease would not become the locale of any proposed work.

W. P. Williams

WPWilliams:iml
Q-5/9/56

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

DMEA-4148

May 4, 1956 RECEIVED

MAY 7 - 1956

NARRATIVE REPORT

This report is not intended to fully comply with the requested information of letter of February 1, 1956 from DMEA to Cinderella Uranium and Oil, Inc., however it is in information as to the activity that has gone on in the field around the Lucky Strike Claims and the results obtained from such activity which we feel indicate that a substantial uranium find will be made in the area indicated on the Colorado Geological map submitted with this file, by drill location made thereon.

Heretofore submitted herewith was report of Geophoto Service as narrative on the claims Lucky Strike No. 1, 2, 3, 4, 5, and 6, and reference is made to paragraph 2 of Conclusions and Recommendations of such report as to the possibility of a significant deposit of ore in these areas of the drill sites.

A drill hole was sunk 21 feet started at surface reading of .038M/R and continued throughout its entirety to increase to a count of .21M/R. This location is at the portal entrance. At this drill site the face of the mountain was blown off and leveled to a depth of 21 feet which was the bottom of the above mentioned drill hole. A representative sample of ore from the tunnel face was assayed by Charles O. Parker and chemically found to contain o.76% of Uranium Oxide. A tunnel 35 feet in depth was drifted at this point following the area of radioactivity and drill holes were sunk in the walls of the tunnel and probed to a depth of 12 feet all of which indicated equal radioactivity with the above shown sample. The area covered by the representative sample above taken in the portal of the tunnel was 5 feet by 8 feet and continued throughout the drift and to the west of the tunnel for 12 feet as indicated by drill holes and probe as well as overhead and below. Additional exploration is necessary to define and determine the location of the deposit from which this or has come and it is believed that it is in the area of the drill sites shown on the south end of claim No. 2. Your assistance will be greatly appreciated in this effort to locate the main deposit of this ore.

Respectfully submitted,
CINDERELLA URANIUM AND OIL, INC.,

Holvey H. Enochs

Holvey H. Enochs,
Field Representative

5-7-56 dgm

DMEA-4148

see map in envelope

DMEA-[illegible]48

RECEIVED
MAY 7 - 1956

May 4, 1956

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Respectfully submitted,
CINDERELLA URANIUM AND OIL, INC.

Holvey H. Enochs,
Field Representative

DIVER-4148

2114 CURTIS STREET

TELEPHONE MAin 3-1852

[redacted]

CHEMISTS • ASSAYERS • ENGINEERS

DENVER 5, COLORADO

Folio 6761

Date April 5, 1956

Cinderella Oil & Uranium Co.
423 So. Irving St.
San Angelo, Texas

We hereby Certify, that the samples assayed for you gave the following results:

DESCRIPTION	URANIUM OXIDE U_3O_8	VANADIUM PENTOXIDE V_2O_5	LIME $CaCO_3$	RADIOMETRIC EQUIVALENT eU	THORIUM OXIDE ThO_2	TOTAL RARE EARTHS	COMBINED COLUMBIUM TANTALUM OXIDES
Sample #1	0.175%	Gold: trace. Silver: 0.34 oz./ton Molybdenite(MoS_2): 2.17%					
#2	0.76%	Qual. Molybdenum present, very low.					

PLEASE PAY FROM THIS INVOICE AS NO OTHER STATEMENT WILL BE MAILED. THANK YOU.

Charge $ 17.50

CHARLES O. PARKER & CO.
CHEMISTS, ASSAYERS and ENGINEERS

RECEIVED
MAY 7 - 1956

DMEA-4148

2114 CURTIS STREET

TELEPHONE MAin 3-1852

[redacted]

CHEMISTS • ASSAYERS • ENGINEERS

DENVER 5, COLORADO

Folio 6761

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San Angelo, Texas

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Sample #1	0.175%	Gold: trace. Silver: 0.34 oz./ton Molybdenite(MoS_2): 2.17%					
#2	0.76%	Qual. Molybdenum present, very low.					

see map in envelope

PLEASE PAY FROM THIS INVOICE AS NO OTHER STATEMENT WILL BE MAILED. THANK YOU

Charge $ 17.50

CHARLES O. PARKER & CO.
CHEMISTS, ASSAYERS and ENGINEERS

RECEIVED
MAY 7 - 1956

4-3056

RECEIVED

APR 30 1956

April 27, 1956

Mr. Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division
United States Department of the Interior
Defense Minerals Exploration Administration
Washington 25, D. C.

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike claims
Larimer County, Colorado

Dear Mr. Ellis:

In receipt of your letter dated April 20th in regard to the above application.

The information mailed March 10, 1956 was approximated information and seems to have been misplaced in the mail. Since the mailing of this information we have put forth every effort possible to obtain the exact information as requested by your office.

You may expect to receive the information requested by May 3rd.

Very truly yours,

Holvey H. Enochs

Holvey H. Enochs-Field Representative
Cinderella Uranium and Oil, Inc.

RECEIVED

APR 30 1956

700

Murphy
Mathews

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

APR 20 1956

Mr. Holvey H. Enochs - Field Representative
Cinderella Uranium and Oil, Inc.
Field Office No. 2
Spencer Heights
Bellvue, Colorado

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike claims
Larimer County, Colorado

Dear Mr. Enochs:

Reference is made to our letter of February 17, 1956, addressed to Mr. Hanz and your response of March 7, relating to additional information required by this office.

You stated that this information would reach this office before March 12, 1956, however, it has not been received to date.

We prefer not to hold an application in abeyance indefinitely. Therefore, we would appreciate being advised the approximate date we may expect to receive the information requested.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/izm 4-20-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3641
THKilllsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.L.S.

3/12/56

MARVIN C. HANZ
PRESIDENT
GENERAL COUNCIL

ROYAL I. HART
VICE-PRESIDENT

JAS. E. ROBINSON
TREASURER

DOUGLAS A. WILLIAMS
SECRETARY

MARK A. EIDELBACH
GEOLOGIST CONSULTANT

CINDERELLA
Uranium and Oil, Inc.

HOME OFFICE
905 McBURNETT BUILDING
SAN ANGELO, TEXAS

RECEIVED
MAR 12 1956

HOLVEY H. ENOCHS
FIELD REPRESENTATIVE
~~P. O. BOX 56~~
~~NATURITA, COLORADO~~
Spencer Heights
Bellvue, Colo.
March 7, 1956

Mr. Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division,
Defense Minerals Exploration Administration
Washington 25, D.C.

Re; Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Dear Mr. Ellis:

I write you this letter in regard to the above mentioned application for aid in the exploration of the above mentioned claims.

Mr. Ellis, due to adverse weather conditions and the time required to get the Topography on this area, I will be unable to have the required information for your office before March 12, 1956. I will have same in the mails by that date.

We are in the process of tunnel exploration at this time, and indications are very good. We are able to hand pick commercial ore, and same has been identified by the Atomic Energy Commision as Gummite. The above method of operation would not be practical at this time, but the geology, radiation intensity and deposition of the ore, leads us to beleive it is very worthy of further exploration and we feel that your assistance in the matter with our continued effoerts will reveal a body of primary ore.

Thanking you in advance for your consideration of my asking an extension of your holding our application in abeyance for another ten days, I am,

Sincerely yours,

Holvey H. Enochs

Holvey H. Enochs-Rep.
Cinderella Uranium & Oil, Inc.
Field Office #2
Spencer Heights
Bellvue, Colorado

700

FILE COPY
Surname:
Murphy
Ellis
Wattendorf

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

FEB 17 1956

Mr. Marvin C. Hanz, President
Cinderella Uranium and Oil, Inc.
423 South Irving Street
San Angelo, Texas

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike claims
Larimer County, Colorado

Dear Mr. Hanz:

This is in response to your undated letter which was received here on February 15, 1956.

We note that you are in the process of acquiring the additional information requested in our letter of February 1, 1956, and upon completion will submit it to this office.

We shall hold your application in abeyance for a reasonable length of time pending receipt of the information requested.

Sincerely yours,

Signed

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/izm 2-16-56

cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

R.C.

2/15/56 lgm

RECEIVED
FEB 15 1956

Cinderella Uranium & Oil, Inc.
423 S. Irving St.
San Angelo, Texas

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

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Gentlemen:

We are in receipt of your letter, February 1, 1956 dating, requiring additional information on our application for Government aid in exploring the mining claims as shown above.

We are in the process of acquiring this information, and upon completion of same, will mail to you, for your kind and continued efforts to complete the processing.

Sincerely yours,

Marvin C. Hanz

Marvin C. Hanz- President
Cinderella Uranium & Oil, Inc.
423 S. Irving St.
San Angelo, Texas

Change in address

2/7/56 gla

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

February 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: Application for assistance, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., Larimer County, Colorado

I have reviewed the attached application of Cinderella Uranium and Oil, Inc., DMEA Docket 4148, dated December 29, 1955, and received in this office February 1, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

Cinderella Uranium and Oil, Inc., applied for DMEA participation in exploring for uranium on a group of claims located in Larimer County, Colorado. The proposed exploration project is not presented but it is assumed from the cost sheet that the applicant intends to core drill and crosscut on the subject claims. The total estimated cost is $64,220.00.

Inasmuch as pertinent information is lacking in the application, and which information, it is understood, is being requested of the applicant, it would be desirable to withhold comment on DMEA 4148 pending receipt of exploration plan, maps, and other essential supporting data.

John E Crawford
John E. Crawford

Attachment

RECEIVED
FEB 7 1956

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

February 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: Application for assistance, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., Larimer County, Colorado

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John E. Crawford

Attachment

RECEIVED
FEB - 7 1956

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

February 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: Application for assistance, DMEA Docket 4148, Cinderella Uranium and Oil, Inc., Larimer County, Colorado

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John E. Crawford

Attachment

RECEIVED
FEB - 7 1956

700

FILE COPY
Surname:
Murphy

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

FEB - 1 1956

Cinderella Uranium and Oil, Inc.
~~905 McBurnett Building~~
San Angelo, Texas
423 S. Irving St

Re: Docket No. DMEA-4148 (Uranium)
Lucky Strike Claims
Larimer County, Colorado

Gentlemen:

Your application for Government aid in exploring the mining claims, under the above docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration.

To enable us to process your application we require the following additional information:

1. A topographic-geologic map or sketch of the subject claims, showing the rock formations, location of radioactivity anomalies, and location where samples were taken, which are referred to in the Geologic Reconnaissance Report by Geophoto Services submitted as part of your application;

2. On the above map, indicate the approximate location of the proposed 18 drill holes;

3. A narrative which would indicate the possibility of making a significant discovery of uranium ore by drilling in the selected areas.

Upon receipt of the above-requested additional information, we will promptly continue to process the subject application.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FMMurphy/ism 1-31-56
cc to: Docket
Code 700
Mr. Murphy
Admr.'s Reading File
Messrs. JECrawford, Rm. 3641
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA
DMEA Field Team, Region III, (2)

R.G.S.

January 30, 1956
Subject DMEA-4148
Re: Exploration Assistance
Lucky Strike Claims

Cinderella Uranium & Oil, Inc.
905 McBurnett Bldg.
San Angelo, Texas

Gentlemen:

The receipt of your application dated December 29, 1955, for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-4148 and referred to the Rare & Misc. Metals Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

January 30, 1956

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 - 4148 Cinderella Uranium & Oil, 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
JAN 30 1956

January 25, 1956

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), Cinderella Uranium and Oil, Inc., Lucky Strike claims, Larimer County, Colorado

Enclosed are three copies of the subject application. One copy of the application is being retained in our file.

W. M. Traver

W. M. Traver

Enclosures

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

RECEIVED
JAN 30 1956

January 25, 1956

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), Cinderella Uranium and Oil, Inc., Lucky Strike claims, Larimer County, Colorado

Enclosed are three copies of the subject application. One copy of the application is being retained in our file.

W. M. TRAVER,

W. M. Traver

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JAN 30 1956

DMEA
Date Rec'd.
Form Approved.
Budget Bureau No. 42-R1035.2.
JAN 25 1956

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. DMEA-4148
Metal or Mineral Uranium
Date Received 1-30-56
Estimated Cost $64,225.00
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:

Cinderella Uranium and Oil, Inc., 905 McBurnett Bldg., San Angelo, Texas, a corporation, incorporated in Delaware. (See Exhibit attached for names of all officers and addresses.

(*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

(See Exhibit Attached)

(*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

Lessee. Contract attached.

(*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

(*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.

See Exhibit Attached.

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

See Exhibit Attached.

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

(*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 60 days and be completed within 22 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. See Exhibit Attached.

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.). See Exhibit Attached.

(*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. See Exhibit Attached.

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

(*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. See Exhibit Attached.

(*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. See Exhibit Attached.

(*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. See Exhibit Attached.

(*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. See Exhibit Attached.

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)? No.

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

[X] 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 December 29, 1955

Gintrolle Uranium Oil, Inc.
(Applicant)

By Marvin C. Ham
Marvin C. Ham, President

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

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JAN 30 1956

"EXHIBIT A"

Item 1(a), MF-103

Marvin C. Hanz, 1716 S. Harrison San Angelo, Texas	President and Director
Royal I. Hart, 512 Childress St. San Angelo, Texas	Vice-President and Director
Douglas A. Williams, 2508 Forest Park San Angelo, Texas	Secretary and Director
Jas. E. Robinson, St. Angelus Hotel San Angelo, Texas	Treasurer and Director

"EXHIBIT B"

Item 3(a) MF103

This group of claims are located Township 8 N., R. 75 W. Sections 9 and 10 Larimer County, Colorado. Photastatic copies of the legal recordings attached.

"EXHIBIT C"

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Item 4(a) MF103

This group of claims has readily accessible road to the south boundary of claims. Road building necessary for exploration work, will consist of approximately one mile. There are no existing mine workings, nor production facilities, and this group of claims are leased by Cinderella Uranium and Oil, Inc. This group of claims was staked and surveyed by a registered man surveyer of Colorado and have been thoroughly prospected where the accessable areas showed radiation intensity worthy of further exploration. (See surveyer's certificate and map on following page.)

"EXHIBIT D"

Item 4(e) MF103

All of these items readily available, southern boundary being the Poudre River.

"EXHIBIT [illegible]"

Item 5(b) MF103

Refer to geological report.

"EXHIBIT F"

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Item 5(d) MF103

Mr. Marvin C. Hanz, President of the Corporation, is now actively engaged in the practice of law in San Angelo, Texas. For the past ten years he has been engaged in buying real estate and income property and has, through his trading activities and in the practice of law, acquired oil, gas and mineral interests. He is familiar with the legal aspects of acquisition of mining properties and is familiar with this type of property management. He has been a Director and Treasurer of Lynn Carbon Black Company, and Director and Vice-President of Eggemeyer Gin Company, both of San Angelo, Texas.

Mr. Royal I. Hart, Vice-President of the Corporation, is also actively engaged in the private practice of law in San Angelo, Texas. He attended the University of Texas from 1946 to 1949 and received B.B.A. and L.L.B. degrees. He attended New York University in 1950 where he received his MB.A. degree. From 1951 to 1952 he was attorney for Securities and Exchange Commission at Washington, D. C. Since that time he has been engaged in private practice of law. He is presently Secretary and Director of Pioneer Trust Company, San Angelo, Texas, President and Director of Miles Mill, Inc., San Angelo, Texas, Business Manager and Director of Madye's Inc., San Angelo, Texas, and Secretary of Petroleum Club of San Angelo in San Angelo, Texas.

Mr. Douglas A. Williams, Secretary and Director of the Corporation has been for eight years in the Pest Control business, privately owned and operated by self. Prior to that he has been a builder, contractor and trader in real properties and oil and gas properties. He is presently Secretary and Director of Falcon Distributing Co., Inc., San Angelo, Texas, Treasurer and Director of Steele Electronic Corporation, San Angelo, Texas. and Director of Lynn Carbon Black Company, Inc., of San Angelo, Texas.

Mr. Jas. E. Robinson, Treasurer of the Corporation, is a self employed accountant (since 1917). He has handled oil and gas accounting and has had interests in drilling prospects, leases, royalties and otherwise. He has engaged in the oil and gas business for many years for himself and in association with independent operators.

Holvey H. Enochs, Field Representative for the Corporation, and the person who will supervise the operations outlined herein, has had a rig (oil, gas and water) servicing business. Prior to that he has been engaged for many years in the buying and selling and developing of oil leases, royalties and properties. It was under his supervision and direction that all the development heretofore made on these claims has been made. He has also procured all the materials for such work.

"EXHIBIT G"

Item 6(a) MF-103 (none)

3,600 ft. coring @ $5.00 per foot		$18,000.00
Cross cut tunnel ____ ft. @ $45.00 per ft.		
Tool Building for 18 drill holes.		
Worthington Air Compressor - 3,000 cu. ft.		
Two hammers, steel, bits and two operators	$100.00 per day for 60 days	6,000.00
One dozer and operator	$5.00 per hr. $104.00 per day for 60 days	6,240.00
Explosives		500.00
Safety Devices		200.00
	Total	$30,940.00

"EXHIBIT H"

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JAN 30 1956

Item 6(b) NF103

Field Representative, $600.00 per month for 12 months	$7,200.00
Assistant Field Representative, $600.00 per month for 12 months	7,200.00
Geologist (furnishing own equipment), $50.00 per day for 9 months	10,500.00
Engineering service	1,000.00
Core analysis assays, etc.	1,000.00
Ground Scintillation Grid Survey	1,500.00
Total	$28,400.00
Secretarial work	500.00
Total	$28,900.00

"EXHIBIT Ha"

Item 6(c) MF-103

Fuel and operating expense of vehicle as shown in "Exhibit J", Item 6(g). (Not set out in this exhibit).

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JAN 30 1968

"EXHIBIT I"

Item 7(d), MF-103

See "Exhibit J" if applicable.

"EXHIBIT J"

Item 6(e) MF-103

Station wagon @ $4.00 per day rental for 12 months	$1,440.00
Jeep @ $4.00 per day rental for 12 months	1,440.00
Total	$2,880.00
Fuel and operating expenses on vehicle	$1,500.00

"EXHIBIT K"

Item 6(h) MF-103

No allowances have been made for contingencies.

"EXHIBIT A"

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JAN 6 0 1956

Item 7(b) MF-103

Cinderella Uranium and Oil, Inc. will pay:

Two Field Representatives	$9,600.00
Rentals on Vehicles	2,880.00
Operations Expense on Vehicles	1,500.00
Cash on Contracts, etc.	1,575.00
Secretarial work	500.00
Total	$16,055.00

The above figure of the estimated expense of $64,220.00, Cinderella Uranium and Oil, Inc. will pay 25%, or $16,055.00 as set out above.

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JAN 30 1956

MEMORANDUM REPORT

GEOLOGIC RECONNAISSANCE OF THE LUCKY STRIKE MINING CLAIMS LARIMER COUNTY, COLORADO

Prepared for

CINDERELLA URANIUM AND OIL CORPORATION

San Angelo, Texas

By

GEOPHOTO SERVICES

Denver, Colorado

December 1955

MEMORANDUM REPORT

GEOLOGIC RECONNAISSANCE OF

THE LUCKY STRIKE MINING CLAIMS

LARIMER COUNTY, COLORADO

RECEIVED
JAN 30 1958

Prepared for

CINDERELLA URANIUM AND OIL CORPORATION

San Angelo, Texas

LOCATION:

The Lucky Strike mining claim group, consisting of six claims, No. 1 to No. 6, is located in the SE 1/4, sec. 9, and the SW 1/4, sec. 10, T. 8 N., R. 75 W. of the Sixth Principal Meridian, Larimer County, Colorado. The common south end line of the claims is situated roughly parallel to the Cache La Poudre River on a bearing of N. 86° 59' E. at a point approximately 52 miles west of Fort Collins, Colorado on State Highway 14.

REGIONAL GEOLOGY:

The Colorado State Geologic Map shows that the area under discussion lies within a small, elongate inlier of pre-Cambrian granite approximately 7 square miles in area in the extreme north central part of T. 8 N., R. 75 W., and extends a short distance into T. 9 N., R. 75 W. This inlier is bordered on the south and east by undivided pre-Cambrian metamorphic and igneous rocks which form the Mummy Range. North and west of the inlier, pre-Cambrian schist makes up the southern part of the Laramie Range. The two mountain ranges are minor components of the main mountain mass designated as the Rocky Mountain Front Range of Colorado.

LOCAL GEOLOGY:

Locally in the SW 1/4, section 10, T. 8 N., R. 75 W. the pre-

Cambrian granite inlier consists of a quartz-rich igneous rock. Orthoclase fledspar is present in a subordinate amount and the ferromagnesian mineral is rincipally biotite mica. The rock has been field classified as a biotite granite or granitite. The biotite granite or country rock has been intruded by several branches of a porphyritic pegmatite dike, near vertical in attitude and having a general north-northeast trend. The intrusive pegmatite mass is somewhat complex indicating a branching and fingering along joints and fractures in the biotite granite. The dike pattern is sinuous and irregular, with many thin cross dikes interlacing and crossing each other and intersecting at least three larger branching dikes.

TOPOGRAPHIC LOCATION:

The south end line of the Lucky Strike group of claims, common to Claims No. 1, No. 2, and No. 3, is situated south of and roughly parallel to Colorado Highway 14. The Cache La Poudre River is adjacent to and south of the highway in this locality. It should be noted that the position of the river and the highway in the southern parts of secs. 9 and 10, is not in agreement with the land net indicated on the U. S. Geological Survey Topographic Sheet, Colorado-Wyoming, Home, 1920. The surveyed location of the Lucky Strike claims would indicate a considerable planimetric error in the northern portion of T. 8 N., R. 75 W. Further evidence of this error is indicated on the official township plat approved on February 17, 1883. The surveyed location of the Lucky Strike claims is in general agreement with the township plat.

The discovery location of Claim No. 2 is approximately 25 feet north of the highway and 180 feet north of the south end line of the claim. Local areas examined in the field are:

Location A. Pegmatite outcrops along the north side of the

highway and 25 to 50 feet south of the discovery location of Claim No. 2.

Location B. Approximately 150 feet north of highway and east of discovery location.

Location C. Approximately 200 feet north of highway and east of the discovery location.

Location D. From 300 to 400 feet northwest of the discovery location, Claim No. 2.

Location E. From 100 to 300 feet northeast of the discovery location, Claim No. 2.

DETAILED GEOLOGIC EVALUATION:

The brief inspection on December 8, 1955, did not permit detailed examination of the entire group of six claims. However the major dike system is exposed near the south end line of Claim No. 2. The trend ranges from N. 25° E. to N. 27° E. approximately along the center line of the No. 2 claim. This local area was examined as to potential uraniferous ore deposits. Three prominent pegmatitic dikes ranging from 4 to 6 feet in thickness appear to form a three-pronged system. The central dike, nearly vertical in attitude, can be traced from the Cache La Poudre River N. 40° W. across Colorado State Highway 14 to a point about 300 feet up the hill where it abruptly changes course to N. 25° E. The dike continues along this trend generally to the top of the nearest visible ridge some 1200 to 1300 feet distant along the center line of Claim No. 2. The branching dike to the east averages about 4 feet in thickness and the attitude ranges from nearly vertical to almost horizontal in places. The lateral extent of the dike was

not traced to its termination, but could be seen to steepen in attitude on the cliff face and roughly parallel the central dike. The branching dike to the west is nearly vertical in attitude and follows a N. [illegible] W. trend several hundred feet up the hill. No termination of the dike was observed, and it is presumed to continue toward the high ridge to the north, located in part on claim No. 1. Sufficient time was not available during the field trip to trace the lateral extent of the dike system on the claims. The three-pronged dike system appears to be converging to a point of intersection or common root at some indeterminate point to the south beneath the gravel-covered channel of the Cache La Poudre River. Many minor dikes ranging from 2" to 6" in width form an intricate latticework pattern between the three branches discussed. There was some evidence of a fourth branch of the dikefarther to the east.

The pegmatitic material consists of roughly parallel alternating differentiates of quartz, orthoclase feldspar, and biotite mica. Crystals of feldspar and mica range in size from 1/4 inch to as much as 2 inches. Generally, the phenocrysts are quite large, indicating a slow rate of cooling of the intrusive magma. A few inclusions of the biotite granite were observed in the pegmatite.

The contact of the pegmatite intrusive and the biotite granite country rock is generally sharply defined and apparently only minor alteration and crystal alignment occurred during the stages of intrusion and solidification.

MINERALIZATION:

Uraniferous mineralization appears to be confined mostly to the biotite mica phenocrysts in the pegmatite. Examination of the

biotite crystals by means of a hand lens did not disclose identifiable pitchblende. However, at locality B, green and greenish-yellow stains were present adjacent to biotite phenocrysts. Hand lens inspection of the stains suggested the presence of autunite and possible some carnotite, although no good unmistakable crystals of these minerals were found. Other ore minerals of uranium, if present, could not be distinguished by visual inspection. The uraniferous mineralization in the intrusive rock appears to be primary in origin with a possibility of some secondary uranium disintegration minerals being present in an unknown amount.

The biotite granite country rock did not show any evidence of having been permeated by uraniferous solutions except in a very narrow zone along the contact walls where biotite crystal alignment forms thin dark-colored bands.

RADIOMETRIC EXAMINATION:

Radiometric readings were taken with a Model 111 B Scintillator. Background count was observed in several nearby localities far enough removed from the intrusive rock to avoid any mass effect. Background count averaged .030 mR. Observations were confined to a relatively small but important area where the main outcrop of the pegmatite dike occurs, and along its several branches on the north bank of Cache La Poudre River at the south end of Claim No. 2, and the southeastern part of Claim No. 1.

Location A. Readings along the highway where the central dike is exposed averaged 3X background. Hill wash and talus blocks obscure the other two converging dikes.

Location B. North of the highway, the central dike has fresh rock exposed from recent blasting operations. Average reading for the

orthoclase differentiate was 13X, for the several quartz bands 3X, and for the 2" to 4" bands of biotite mica 40X. Yellow and greenish-yellow stains below one large mica pod some 6" in diameter gave the highest reading of 65X background.

Location C. At a point approximately 200 feet north of the highway where the central dike abruptly changes direction, readings were obtained across a weathered outcrop. Readings for the quartz and orthoclase differentiates, in bands 6" to 14" in width, ranged from 3X to 8X background. Mica bands averaged 12X background.

Location D. Scattered readings were taken along the two northerly diverging branches of the intrusive rock. The results were practically the same as above with minor variations locally.

Location E. Readings were taken along the narrow 2" to 4" latticework veins of pegmatite between the larger branches. These averaged 5X background, but jumped to readings of 10X to 15X wherever an intersection occurred. Mica concentration at these junctions was present in every instance.

Readings were taken at various points in the country rock between the diverging pegmatite branches. The count dropped rapidly, but ranged higher than background count. This was no doubt due to mass effect of adjacent mineralized dike rock.

SAMPLING:

Three samples were obtained at locations B and C. No. 1 sample at location B was obtained from the fresh rock exposed by blasting. Due to the hardness of the rock and absence of hard-rock sampling tools, a groove sample across the six-foot vertical central dike could not be obtained. However, small chips of rock were broken from the dike in

a band 6" wide across the dike. Care was taken to obtain as representative a sample as possible under the existing conditions. Large crystals of feldspar and quartz broke more readily than the central matrix, therefore, some arbitrary grading was necessary as the sample was cut. Because of the difficulty of obtaining a better sample, a speciman sample 2" x 3" x 6" approximately, labelled No. 3, was obtained from the center of the dike. In this sample the quartz, feldspar, and biotite mica were about evenly distributed and would represent the richer zone of mineralization in the pegmatite dike. The two samples weighed approximately two pounds each.

Sample No. 2 was obtained from location C on a weathered outcrop of the dike. The same conditions as above prevailed, and in addition the biotite mica seams are deeply eroded, forming cracks which are partially filled with top soil. The sample was chipped from a 6" band across the six-foot width of the dike. Care was exercised in obtaining as much biotote mica as was deemed representative in comparixon to the more resistant quartz and feldspar knobs across the dike. In spite of the care exercised, it was apparent that a poor representation of the biotite mica bands was procured because of its weathering characteristics and contamination by top soil. The sample weighed approximately two pounds.

Sample No. 4 was taken at location A from the outcrop adjacent to the highway. This was about a three-pound grab sample, but was not assayed.

The assay report from Charles O. Parker & Co. on the above samples is as follows:

Folio #6675, Dec. 9, 1955

Sample	Uranium Oxide (U_3O_8)	Radiometric equivalent
Location B - #1	0.063%	0.06
Location B - #3	0.130%	0.15
Location C - #2	0.013%	0.01

Of possible interest is a chemical analysis of the pegmatite dike submitted by the Cinderella Uranium and Oil, Inc. The analysis was made by Charles O. Parker & Co. on Oct. 25, 1956, Folio 6643.

*Lover #1 - Claim #2 - Uranium Oxide (U_3O_8) 0.038%

also contains: Copper, trace; Iron, fair; Alumina, large; Calcium, small; Magnesium, small; Silica, major; Alkalies, (sodium and potassium), fair; Fluorine, trace; Boron, trace; Phosphorus, trace; Rare Earths, (principally Cerium), trace; Thorium, trace, Sulphur, (principally as sulphide), very small; Titanium, very small.

CONCLUSIONS AND RECOMMENDATIONS:

1. Uraniferous mineralization is present predominantly along the differentiate zones of biotite mica. Mineralization is less apparent in the quartz and feldspar differentiates which are in the form of bands making up approximately one-third of the pegmatite dikes. The dike system is composed of several branches and cross-cutting veinlets.

2. Junctions of the smaller veinlets, as well as their points of intersection with the main intrusive bodies, give higher radiometric readings than at intervening points. This evidence would indicate a possible zone of enrichment much greater in extent if the larger branches of the pegmatite intrusive converge to a common point of intersection in the immediate area of Cache La Poudre River and State Highway 14. Relationships here are obscured by stream deposits and slope wash. Other dike junctions are probably present at other places

on the Lucky Strike group of claims, but field mapping would be required to verify this prediction.

3. Information obtained from the brief reconnaissance examination indicates the necessity for a more detailed geologic survey and field mapping program to fully evaluate the complex relationships of the intrusive rock with the country rock, and also the extent of uraniferous mineralization along the dike system.

4. The radiometric results indicate that some exploratory work is warranted either by means of core drilling or mining development work. The former method should be less expensive and more areas could be tested for mineralized dike junctions than by the conventional mining methods. An exploratory program is necessary to properly evaluate the possibility of commercial deposits of uranium ore.

5. Easy accessibility to the property is afforded by State Highway 14 which crosses the Lucky Strike claims. A considerable portion of the 5[illegible] miles of road to Fort Collins, Colorado, is paved. Ample water supply for core drilling is available in the Cache la Poudre River, immediately adjacent to the south boundary of the property.

6. Drilling and/or mining operations may be conducted throughout the entire year with the possible exception of brief below-zero periods during the winter months.

Respectfully submitted,

GEOPHOTO SERVICES

December 19, 1955

E. Carter Hutchinson
Registered Engineer, No. 299,
State of Colorado

Approved: Laurence Brundall,
Partner

RECEIVED
JAN 30 1959

URANIUM MINING LEASE

THIS URANIUM MINING LEASE, Made this 25th day of August, 1955 by and between SOLOMON SCHLAGEL and IRA L. SCOTT, as owners, hereinafter referred to as Schlagel andScott, and CINDERELLA URANIUM AND OIL, INC., lessee, hereinafter referred to as Cinderella, WITNESSETH:

Schlagel and Scott, in consideration of the royalties hereinafter stated and performance of the covenants and agreements hereinafter expressed, grant and lease exclusively unto Cinderella the following described mining claims for the purpose of exploring for and mining uranium, thorium, other fissionable material, and other minerals with the right to use as much of the surface as is necessary for mining purposes:

> Certain mineral locations for claims for uranium and other minerals now located and to be located in Sections Nine (9) and Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth Principal Meridian, Larimer County, Colorado, known as Lucky Strike Lode 1, 2, 3, 4, 5, and 6.

This lease shall be for a term of one (1) year commencing at noon on the 25th day of August, 1955, and as long thereafter as Cinderella in good faith is conducting mining operations on the leased premises, subject, however, at all times to being terminated or forfeited under other provisions of this lease.

1. Royalties. Cinderella shall pay or cause to be paid to Schlagel and Scott by the ore purchaser twelve (12) per cent of the gross value of all ores shipped or sold from any part of the leased premises. Gross value means the value of the ore F.O.B. the ore buying station, paid by the ore buyer. Schlagel and Scott shall be entitled to one-half (1/2) of all government bonus payments made by the United States of America and Cinderella shall be entitled to the other one-half (1/2) of said bonus payments. (Bonus refers only to $10,000.00 Discovery Bonus.)

2. Liens. Cinderella shall pay, as due, all claims for work done, services rendered, or material furnished to the leased premises, and shall hold Schlagel and Scott harmless from any liability arising out of any operations under the lease. Cinderella shall defend all suits or claims at its own expense, and shall keep the leased premises free from any liens. Cinderella shall post and keep posted in conspicuous places at or near all parts of the premises where operations under the lease are in progress, notices of non-liability reciting in substance that the premises are leased and that neither Schlagel and Scott nor the premises may be held liable for any claims of any kind arising out of Cinderella's operations.

3. Fixtures. Cinderella shall have the right during the term of this lease or within sixty (60) days after the termination of this lease to remove all machinery, fixtures, and improvements placed or erected on the premises by Cinderella.

4. Assignment or Subleasing. Cinderella shall notassign or sublease any part of the leased premises without the written consent of Schlagel and Scott, which shall not unreasonably be withheld. Assignment of the lease shall terminate all liabilities of Cinderella under the lease except those already accrued.

5. Workmen's Compensation Insurance. Cinderella assumes full responsibility in case of accident to Cinderella, its agent or any person employed on the leased premises, and agrees to hold Schlagel and Scott harmless from any suits for injury or accident arising out of employment. Cinderella shall apply for and maintain at all times workmen's compensation insurance pursuant to the laws of the State of Colorado, and shall comply in all respects with any state of federal laws pertaining to employment of persons in mining operations.

6. Forfeiture. If Cinderella violates any of the provisions of this lease or fails to perform any covenants made by it herein, Schlagel and Scott may, at their option, forfeit this lease by giving notice to Cinderella of their election to forfeit the lease, and by specifying in such notice the matters in which Cinderella is in default; provided, however, that such forfeiture shall be inoperative if within thirty (30) days from the effective date of such notice, Cinderella remedies the matters of default specified by Schlagel and Scott.

7. Notice. Any written notices provided for herein shall be sent by registered mail, return receipt requested, and addressed as follows:

To Lessors: Solomon Schlagel
Kersey, Colorado

Ira L. Scott
2021 Quitman Street
Denver, Colorado

To Lessee: Cinderella Uranium and Oil, Inc.
Naturita, Colorado

Either party may change the name or address above by written notice to the other party. Notices shall be effective when deposited in the U. S. mail.

8. Surrender. Cinderella may surrender this lease at any time by giving Schlagel and Scott thirty (30) days notice, provided that either (1) the notice is given at least sixty (60) days before the end of the assessment year, or (2) the assessment work has been done and the proofs filed as required by law. Surrender shall terminate all obligations of Cinderella except those that have already accrued.

9. Taxes. All production and mine occupation taxes levied upon all minerals mined and sold from the leased premises shall be paid by Cinderella and the ad valorem tax levied against the leased premises shall be paid by Schlagel and Scott privided, however, that Cinderella shall pay all taxes levied against all improvements, mine equipment, machinery, supplies or other facilities placed upon and used in connection with mining the premises.

10. Payments. Cinderella shall arrange, if possible, to have ore purchasers make all payments of royalties directly to Schlagel and Scott and to have all payments accompanied by a copy of the settlement sheet to which they apply. Otherwise, Cinderella is to make payments of royalties, together with a copy of the appropriate settlement sheet, to Schlagel and Scott within thirty (30) days after receiving payment from the ore purchaser.

11. Compliance with Laws. Cinderella shall comply with all laws and regulations of the State of Colorado and of the United States pertaining to mining operations, including, but not limited to, those related to employment such as social security and withholding taxes.

12. Method of Work. Cinder lla shall perform all work on the leased premises in accordance with good and economical mining practices, so as to take out the greatest amount of ore possible but with due care taken to develop and preserve the premises as a workable mining property. The premises shall be kept sufficiently timbered, free from loose rock or rubbish and otherwise in a safe and proper condition.

13. Records-Inspection. Cinderella shallkeep accurate records and accounts of all operations under this lease, and shall permit Schlagel and Scott or their agents to inspect and make copies of the same at all reasonable times. These records shall include, but not be limited to, copies of all maps, surveys, exploratory drilling logs, geological or assay reports and other operational data prepared from or connected with the leased premises. Cinderella agrees to fulfill reasonable requests from Schlagel and Scott for reports from these records.

14. Inspection of Premises. Schlagel and Scott or their agents may, at all reasonable times, and at Schlagel and Scott's sole risk, enter upon and into the leased premises for inspection or to conduct survey or sampling operations; provided, that such activities shall not unreasonable interfere with the operations of Cinderella.

15. Surface Rights. Cinderella shall have the right to use the surface of the leased premises only to the extend reasonable necessary for prospecting, development, minin, and other operations reasonably incident thereto.

16. Assessment Work. Cinder lla shall perform all necessary assessment work upon the leased premises at least sixty (60) days before the end of each assessment period, and file all reports and affidavits when and as required by law.

17. Restoration of Premises. Upon the termination of this lease by expiration, surrender or otherwise, Cinderella shall immediately restore the premises in good order and condition to Schlagel and Scott. Cinderella shall keep all fixtures, improvements, and facilities or other assets of any kind in good repair at all times.

18. Succession. This lease and all its terms and conditions shall be binding on succe sors in interest of either Schlagel and Scott or Cinderella.

19. Cinderella covenants and agrees to co ence exploration under the terms of this lease within ninety (90) days of the date of this lease and in event of the failure so to do this lease shall be subject

to forfeiture at the election of Schlagel and Scott by the giving of a notice in writing to Cinderella, said notice to be effective thirty (30) days from the mailing thereof.

20. In event Cinderella is unable to operate under this lease Cinderella may surrender the lease by giving notice of such surrender in writing thirty (30) days prior to the date of surrender.

WITNESS the hands and seals of the parties aforesaid, the day and year first above written.

_____

_____
Solomon Schlagel and Ira J. Scott,
Lessors

CINDERELLA URANIUM AND OIL, INC.

By_____
Lessee

LAW OFFICES
WARREN AND STRAHLE
AVERY BLOCK
FORT COLLINS, COLORADO

THOMAS J. WARREN
RONALD H. STRAHLE

COPY

RECEIVED
JAN 30 1956

December 9, 1955

Cinderella Uranium & Oil, Inc.
711 Seventeenth Street
Denver, Colorado

Re: Lode Mining Claims Lucky Strike Nos. 1 through 6, inclusive, in Sections 9 and 10, Township 8 North, Range 75 West, Larimer County, Colorado.

Gentlemen:

At your request we have, this date, examined the records maintained by the Larimer County Abstract Company in Fort Collins, Colorado, to determine the state of title to the captioned lode mining claims. These claims are more particularly described as follows:

Lucky Strike No. 1: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 1 Lode Mining Claim, from which the East Quarter Corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears North 76°23' East 4814 feet, thence South 27°59' West 750 feet; thence South 27°59' West 750 feet, thence South 86° 59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 2: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 2 Lode Mining Claim, from which the East Quarter Corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears North 74°36' East 4128 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86° 59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86° 59' East 699.9 feet to the point of beginning.

Lucky Strike No. 3: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 3 Lode Mining Claim, from which the East Quarter corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears North 72°06' East 3448 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86°59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 4: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 4 Lode Mining Claim, from which the East Quarter corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears South 84°04' East 2591 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86° 59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 5: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 5 Lode Mining Claim, from which the East Quarter corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears South 86°02' East 3278 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86° 59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 6: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 6 Lode Mining Claim, from which the East Quarter corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears South 86°43' East 3976 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86°59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Our examination indicates that on September 15, 1955, six Location Certificates respectively covering lode mining claims denominated Lucky Strike Nos. 1 through 6, inclusive, as described above, and dated September 15, 1955, were duly filed in the Larimer County records, each of said Location Certificates being accompanied by a plat of survey in the customary form. All of said certificates were signed by Ira L. Scott and Solomon Schlagel, as locators. In our opinion there is nothing of record adverse to the claims of the said Ira L. Scott and Solomon Schlagel, except as follows:

1. On September 26, 1898, one Howard Wyndham conveyed by Quitclaim Deed to one C. B. Andrews all the improvements on Section 10, Township 8 North, Range 75 West of the 6th P. M. This instrument, which was recorded on September 30, 1898, in Book 77 at page 361 of the Larimer County, Colorado, records, does not, in our opinion, create a valid interest in the lands or minerals covered by the Lucky Strike claims, since the parties to it are wholly outside the chain of title, and since the subject matter of the deed apparently covers only personalty and not the real property.

2. On May 6, 1899, Charles B. Andrews conveyed by Quitclaim Deed to one W. E. Lester the house and buildings on Section 10, Township 8 North, Range 75 West of the 6th P. M. This instrument, which was recorded on May 6, 1899, in Book 77 at page 422 of the Larimer County, Colorado, records also does not, in our opinion, create a valid interest in the lands or minerals covered by the Lucky Strike claims for the same reasons as set out in paragraph No. 1 above.

3. A small portion of these claims falls into the Southeast Quarter of the Southwest Quarter (SE¼SW¼) of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the 6th P. M., to which a patent was issued by the United States in favor of John F. Fezer on January 20, 1904. This patent was recorded in Book 133, at page 341 of the Larimer County, Colorado, records on July 12, 1906. Since that time ownership has been divided into numerous small, fractional interests and is widely scattered. Because of the number and complexity of the conveyances purporting to grant fractional interests in this land, and because some of these conveyances appear to be at least partially defective, we do not desire to render a formal opinion as to who presently holds title to it until and unless a duly certified abstract of title is made available to us. On the basis of our examination, however, it is our opinion that the Southeast Quarter of the Southwest Quarter (SE¼SW¼) of Section Ten (10) was not in the public domain at the

time the Lucky Strike claims were located, and that the locators have no valid claim of record to either the mineral or the surface rights in the said Southeast Quarter of the Southwest Quarter (SE¼SW¼) of Section Ten (10). Only a small portion of these claims is affected by this defect; the exact area being ascertainable by conference with the surveyer who surveyed the claims.

We have informed your representative that this opinion does not pass on the question of whether the Lucky Strike claims are valid and subsisting lode mining claims, since this can only be fully determined by a physical inspection of the premises, as well as a search of the records. The purpose of this opinion is to inform you that except as outlined above, our search of the records disclosed nothing constituting a valid claim of record adversely affecting the rights of Ira L. Scott and Solomon Schlagel in and to the Lucky Strike claims. We have also informed your representative that indemnification against possible error in abstracting can be had by procuring a duly certified abstract of title to the property.

Location Certificates are occasionally placed of record with so vague a description of the land claimed that the physical location of the claim cannot be determined. The existance of claims of this type, or of claims for which no Location Certificates have been filed, can only be determined by physical inspection of the premises.

Yours very truly,

WARMAN AND STRAHLE

By Ronald H. Strahle
Ronald H. Strahle

RHS:jo

Neptune Uranium Corporation
P. O. Box 927
Denver 1, Colo.

D

1956
COLO.

Mr. Frank E. Johnson
Acting Administrator
Defense Minerals Exploration Administration
Washington 25, D. C.

SPECIAL DELIVERY

PERSONAL

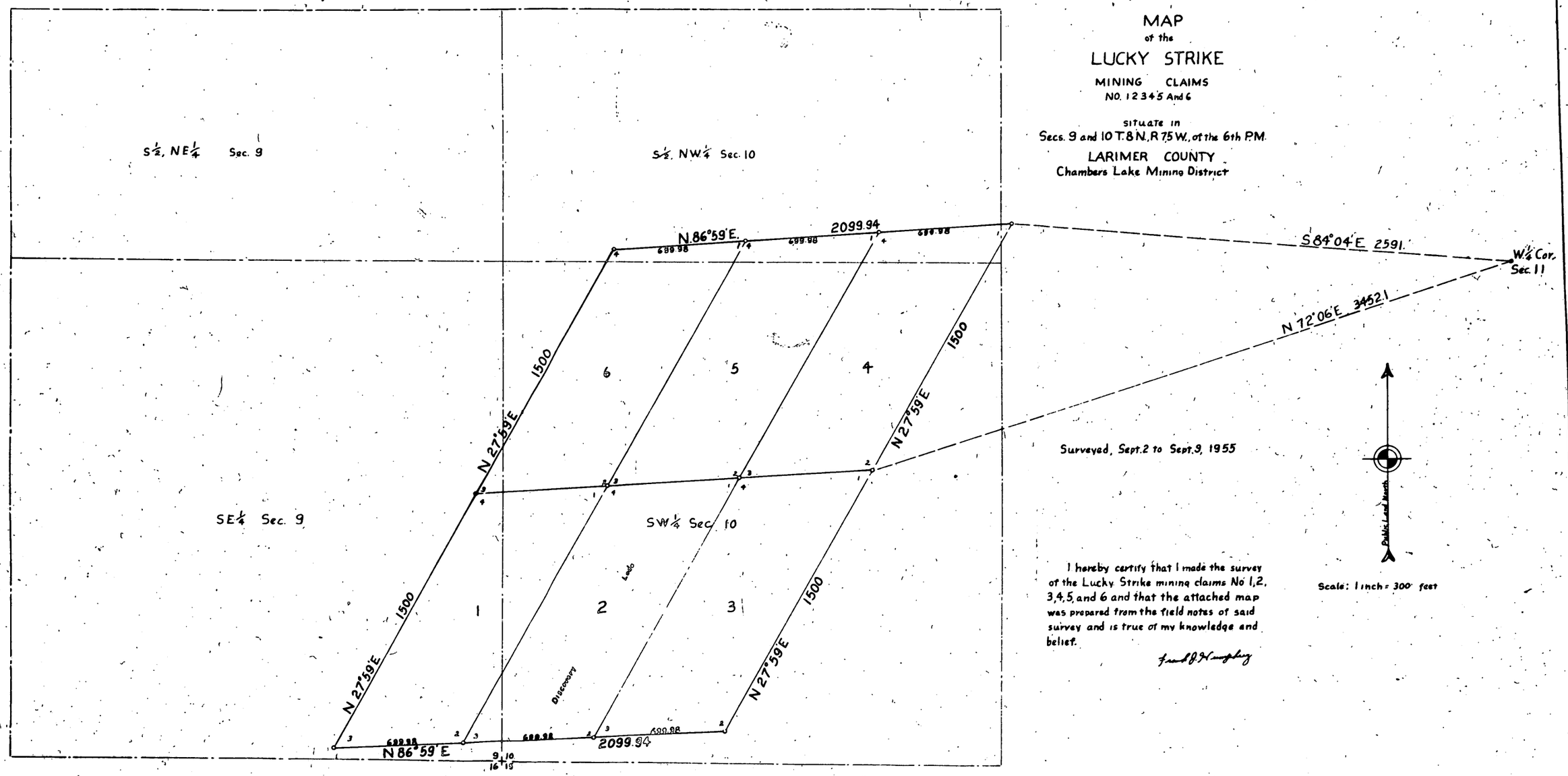
Air Mail

Air Mail

WILSON JONES
ANCHOR CLASP
K 90 9 x 12
MADE IN U.S.A.

MAP
of the
LUCKY STRIKE
MINING CLAIMS
NO. 1 2 3 4 5 And 6

situate in
Secs. 9 and 10 T. 8 N., R. 75 W., of the 6th P.M.
LARIMER COUNTY
Chambers Lake Mining District



Surveyed, Sept. 2 to Sept. 9, 1955

Scale: 1 inch = 300' feet

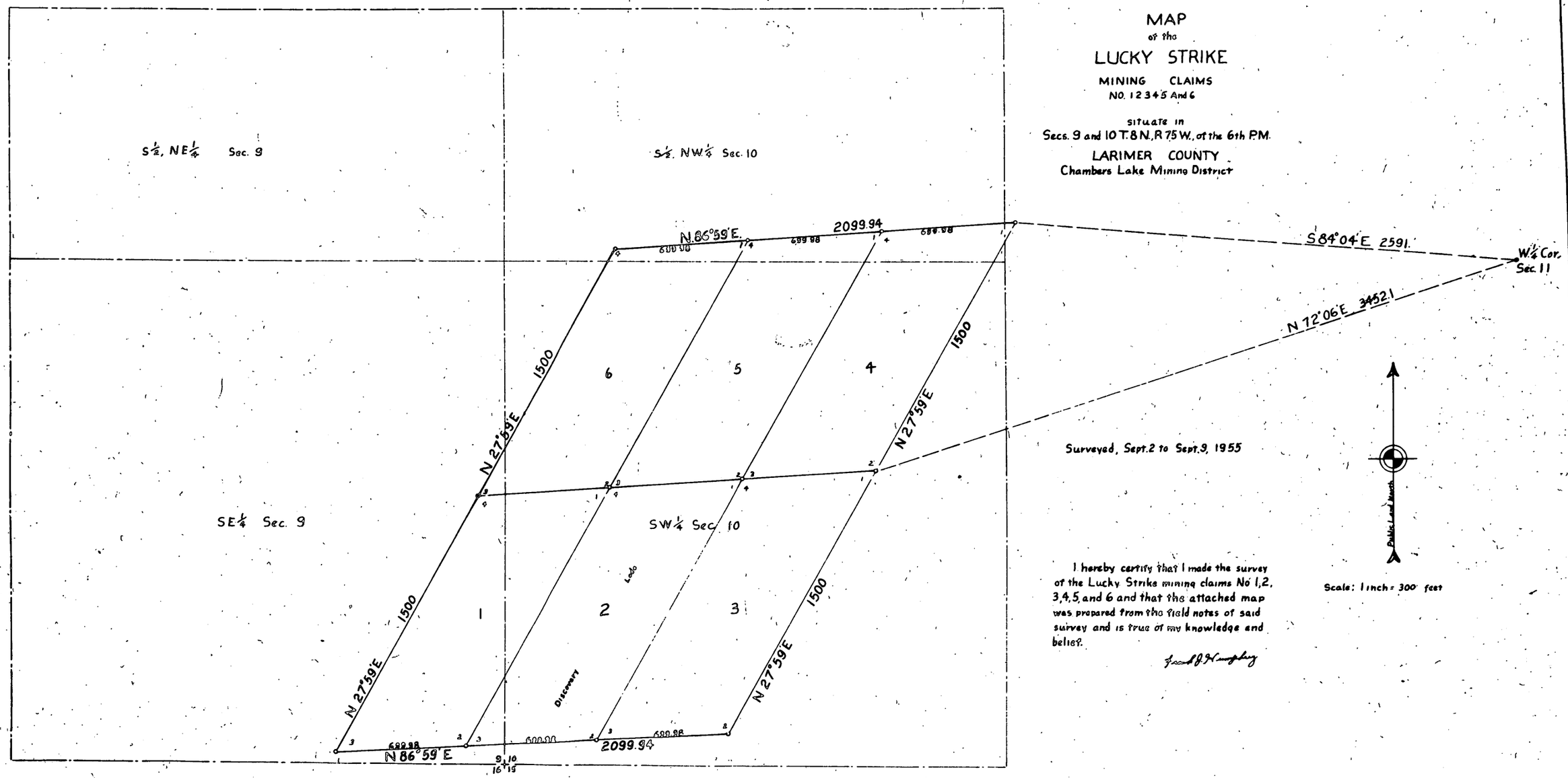
I hereby certify that I made the survey of the Lucky Strike mining claims No 1, 2, 3, 4, 5, and 6 and that the attached map was prepared from the field notes of said survey and is true of my knowledge and belief.

Frank J. Humphrey

RECEIVED
JAN 30 1956

MAP
of the
LUCKY STRIKE
MINING CLAIMS
NO. 1 2 3 4 5 And 6

situate in
Secs. 9 and 10 T. 8 N., R 75 W., of the 6th P.M.
LARIMER COUNTY
Chambers Lake Mining District



Surveyed, Sept. 2 to Sept. 9, 1955

Scale: 1 inch = 300 feet

I hereby certify that I made the survey of the Lucky Strike mining claims No 1, 2, 3, 4, 5, and 6 and that the attached map was prepared from the field notes of said survey and is true of my knowledge and belief.

Fred B. Humphrey

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JAN 30 1956

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DMEA
Date Rec'd. Gray

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

JAN 25 1956

BUREAU OF MINES
~~Denver, Colorado~~

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JAN 30 1956

(21)

Not to be filled in by applicant

Docket No. DMEA-4148
Metal or Mineral Uranium
Date Received 1-30-56
Estimated Cost $64,220.00
Participation (Government %)

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

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: Cinderella Uranium and Oil, Inc., 905 McBurnett Bldg., San Angelo, Texas, a corporation, incorporated in Delaware. (See exhibit attached for names of all officers and addresses.

(*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 (See Exhibit Attached)

(*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 Lessee. Contract attached.

(*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

(*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. See Exhibit Attached.

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

See Exhibit Attached.

16—66551-1

Uranium

5. *The exploration project.*—(*a*) State the mineral or minerals 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 60 days and be completed within 12 months from the date of an exploration project contract.

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

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 drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.). See Exhibit Attached.

(*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. See Exhibit Attached.

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

(*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 rental, purchase price, or suggested use-allowance based on present value, as the case may be. See Exhibit Attached.

(*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. See Exhibit Attached.

(*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), auditing and accounting, workmen's compensation and employers' liability insurance, and payroll taxes. See Exhibit Attached.

(*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. See Exhibit Attached.

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? In cash.

[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 December 29, 195 5

Cinderella Uranium and Oil, Inc.
(Applicant)

By Marvin C. Hanz, President

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

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

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JAN 30 1955

"EXHIBIT A"

Item 1(a), MF-103

Marvin C. Hanz, 1716 S. Harrison, San Angelo, Texas — President and Director

Royal I. Hart, 512 Childress St., San Angelo, Texas — Vice-President and Director

Douglas A. Williams, 2508 Forest Park, San Angelo, Texas — Secretary and Director

Jas. E. Robinson, St. Angelus Hotel, San Angelo, Texas — Treasurer and Director

"EXHIBIT B"

Item 3(s) MF103

This group of claims are located Township 8 N., R. 75 W. Sections 9 and 10 Larimer County, Colorado. Photastatic copies of the legal recordings attached.

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"EXHIBIT C"

Item 4(a) MF103

This group of claims has readily accessible road to the south boundary of claims. Road building necessary for exploration work, will consist of approximately one mile. There are no existing mine workings, nor production facilities, and this group of claims are leased by Cinderella Uranium and Oil, Inc. This group of claims was staked and surveyed by a registered man surveyer of Colorado and have been thoroughly prospected where the accessable areas showed radiation intensity worthy of further exploration. (See surveyer's certificate and map on following page.)

"EXHIBIT D"

Item 4(e) MF103

All of these items readily available, southern boundary being the Poudre River.

"EXHIBIT E"

Item 5(b) MF103

Refer to geological report.

"EXHIBIT F"

RECEIVED JAN 30 1956

Item 5(d) MF103

Mr. Marvin C. Hanz, President of the Corporation, is now actively engaged in the practice of law in San Angelo, Texas. For the past ten years he has been engaged in buying real estate and income property and has, through his trading activities and in the practice of law, acquired oil, gas and mineral interests. He is familiar with the legal aspects of acquisition of mining properties and is familiar with this type of property management. He has been a Director and Treasurer of Lynn Carbon Black Company, and Director and Vice-President of Eggemeyer Gin Company, both of San Angelo, Texas.

Mr. Royal I. Hart, Vice-President of the Corporation, is also actively engaged in the private practice of law in San Angelo, Texas. He attended the University of Texas from 1946 to 1949 and received B.B.A. and L.L.B. degrees. He attended New York University in 1950 where he received his MB.A. degree. From 1951 to 1952 he was attorney for Securities and Exchange Commission at Washington, D. C. Since that time he has been engaged in private practice of law. He is presently Secretary and Director of Pioneer Trust Company, San Angelo, Texas, President and Director of Miles Mill, Inc., San Angelo, Texas, Business Manager and Director of Madye's Inc., San Angelo, Texas, and Secretary of Petroleum Club of San Angelo in San Angelo, Texas.

Mr. Douglas A. Williams, Secretary and Director of the Corporation has been for eight years in the Pest Control business, privately owned and operated by self. Prior to that he has been a builder, contractor and trader in real properties and oil and gas properties. He is presently Secretary and Director of Falcon Distributing Co., Inc., San Angelo, Texas, Treasurer and Director of Steele Electronic Corporation, San Angelo, Texas, and Director of Lynn Carbon Black Company, Inc., of San Angelo, Texas.

Mr. Jas. E. Robinson, Treasurer of the Corporation, is a self employed accountant (since 1917). He has handled oil and gas accounting and has had interests in drilling prospects, leases, royalties and otherwise. He has engaged in the oil and gas bjsiness for amny years for himself and in association with independent operators.

Holvey H. Enochs, Field Representative for the Corporation, and the person who will supervise the operations outlined herein, has had a rig (oil, gas and water) servicing business. Prior to that he has been engaged for many years in the buying and selling and developing of oil leases, royalties and properties. It was under his supervision and direction that all the development heretofore made on these claims has been made. He has also procured all the materials for such work.

"EXHIBIT G"

Item 6(a) MF-103 (none)

3,600 ft. coring @ $5.00 per foot		$18,000.00
Cross cut tunnel ____ ft. @ $45.00 per ft.		
Road Building for 18 drill holes.		
Worthington Air Compressor - 3,000 cu. ft.		
Two hammers, steel, bits and two operators	$100.00 per day for 60 days	6,000.00
One dozer and operator	$13.00 per hr. $104.00 per day for 60 days	6,240.00
Explosives		500.00
Safety Devices		200.00
	Total	$30,940.00

"EXHIBIT H"

Item 6(b) MF103

Field Representative, $600.00 per month for 12 months	$7,200.00
Assistant Field Representative, $600.00 per month for 12 months	7,200.00
Geologist (furnishing own equipment), $50.00 per day for 7 months	10,500.00
Engineering service	1,000.00
Core analysis assays, etc.	1,000.00
Ground Scintillation Grid Survey	1,500.00
Total	$28,400.00
Secretarial work	500.00
Total	$28,900.00

"EXHIBIT Ha"

Item 6(c) MF-103

Fuel and operating expense of vehicle as shown in "Exhibit J", Item 6(g). (Not set out in this exhibit).

"EXHIBIT I"

Item 7(d), MF-103

See "Exhibit J" if applicable.

"EXHIBIT J"

Item 6(g) MF-103

Station wagon @ $4.00 per day rental for 12 months	$1,440.00
Jeep @ $4.00 per day rental for 12 months	1,440.00
Total	$2,880.00
Fuel and operating expenses on vehicle	$1,500.00

"EXHIBIT K"

Item 6(h) MF-103

No allowances have been made for contingencies.

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JAN 30 1956

"EXHIBIT B"

Item 7(b) MF-103

Cinderella Uranium and Oil, Inc. will pay:

Two Field Representatives	$9,600.00
Rentals on Vehicles	2,880.00
Operations Expense on Vehicles	1,500.00
Cash on Contracts, etc.	1,575.00
Secretarial work	500.00
Total	$16,055.00

The above figure of the estimated expense of $64,220.00, Cinderella Uranium and Oil, Inc. will pay 25%, or $16,055.00 as set out above.

MEMORANDUM REPORT

GEOLOGIC RECONNAISSANCE OF THE LUCKY STRIKE MINING CLAIMS LARIMER COUNTY, COLORADO

Prepared for

CINDERELLA URANIUM AND OIL CORPORATION

San Angelo, Texas

By

GEOPHOTO SERVICES

Denver, Colorado

December 1955

RECEIVED
JAN 30 1956

MEMORANDUM REPORT
GEOLOGIC RECONNAISSANCE OF
THE LUCKY STRIKE MINING CLIAMS
LARIMER COUNTY, COLORADO

Prepared for

CINDERELLA URANIUM AND OIL CORPORATION

San Angelo, Texas

LOCATION:

The Lucky Strike mining claim group, consisting of six claims, No. 1 to No. 6, is located in the SE 1/4, sec. 9, and the SW 1/4, sec. 10, T. 8 N., R. 75 W. of the Sixth Principal Meridian, Larimer County, Colorado. The common south end line of the claims is situated roughly parallel to the Cache La Poudre River on a bearing of N. 86° 59' E. at a point approximately 52 miles west of Fort Collins, Colorado on State Highway 14.

REGIONAL GEOLOGY:

The Colorado State Geologic Map shows that the area under discussion lies within a small, elongate inlier of pre-Cambrian granite approximately 7 square miles in area in the extreme north central part of T. 8 N., R. 75 W., and extends a short distance into T. 9 N., R. 75 W. This inlier is bordered on the south and east by undivided pre-Cambrian metamorphic and igneous rocks which form the Mummy Range. North and west of the inlier, pre-Cambrian schist makes up the southern part of the Laramie Range. The two mountain ranges are minor components of the main mountain mass designated as the Rocky Mountain Front Range of Colorado.

LOCAL GEOLOGY:

Locally in the SW 1/4, section 10, T. 8 N., R. 75 W. the pre-

Cambrian granite inlier consists of a quartz-rich igneous rock. Orthoclase fledspar is present in a subordinate amount and the ferromagnesian mineral is principally biotite mica. The rock has been field classified as a biotite granite or granitite. The biotite granite or country rock has been intruded by several branches of a porphyritic pegmatite dike, near vertical in attitude and having a general north-northeast trend. The intrusive pegmatite mass is somewhat somplex indicating a branching and fingering along joints and fractures in the biotite granite. The dike pattern is sinuous and irregular, with many thin cross dikes interlacing and crossing each other and intersecting at least three larger branching dikes.

TOPOGRAPHIC LOCATION:

The south end line of the Lucky Strike group of claims, common to Claims No. 1, No. 2, and No. 3, is situated south of and roughly parallel to Colorado Highway 14. The Cache La Poudre River is adjacent to and south of the highway in this locality. It should be noted that the position of the river and the highway in the southern parts of secs. 9 and 10, is not in agreement with the land net indicated on the U. S. Geological Survey Topographic Sheet, Colorado-Wyoming, Home, 1920. The surveyed location of the Lucky Strike claims would indicate a considerable planimetric error in the northern portion of T. 8 N., R. 75 W. Further evidence of this error is indicated on the official township plat approved on February 17, 1883. The surveyed location of the Lucky Strike claims is in general agreement with the township plat.

The discovery location of Claim No. 2 is approximately 25 feet north of the highway and 100 feet north of the south end line of the claim. Local areas examined in the field are:

Location A. Pegmatite outcrops along the north side of the

highway and 25 to 50 feet south of the discovery location of Claim No. 2.

Location B. Approximately 150 feet north of highway and east of discovery location.

Location C. Approximately 200 feet north of highway and east of the discovery location.

Location D. From 300 to 400 feet northwest of the discovery location, Claim No. 2.

Location E. From 100 to 300 feet northeast of the discovery location, Claim No. 2.

DETAILED GEOLOGIC EVALUATION:

The brief inspection on December 8, 1955, did not permit detailed examination of the entire group of six claims. However the major dike system is exposed near the south end line of Claim No. 2. The trend ranges from N. 25° E. to N. 27° E. approximately along the center line of the No. 2 claim. This local area was examined as to potential uraniferous ore deposits. Three prominent pegmatitic dikes ranging from 4 to 6 feet in thickness appear to form a three-pronged system. The central dike, nearly vertical in attitude, can be traced from the Cache La Poudre River N. 40° W. across Colorado State Highway 14 to a point about 300 feet up the hill where it abruptly changes course to N. 25° E. The dike continues along this trend generally to the top of the nearest visible ridge some 1200 to 1300 feet distant along the center line of Claim No. 2. The branching dike to the east averages about 4 feet in thickness and the attitude ranges from nearly vertical to almost horizontal in places. The lateral extent of the dike was

not traced to its termination, but could be seen to steepen in attitude on the cliff face and roughly parallel the central dike. The branching dike to the west is nearly vertical in attitude and follows a N. 40° W. trend several hundred feet up the hill. No termination of the dike was observed, and it is presumed to continue toward the high ridge to the north, located in part on claim No. 1. Sufficient time was not available during the field trip to trace the lateral extent of the dike system on the claims. The three-pronged dike system appears to be converging to a point of intersection or common root at some indeterminate point to the south beneath the gravel-covered channel of the Cache La Poudre River. Many minor dikes ranging from 2" to 6" in width form an intricate latticework pattern between the three branches discussed. There was some evidence of a fourth branch of the dikefarther to the east.

The pegmatitic material consists of roughly parallel alternating differentiates of quartz, orthoclase feldspar, and biotite mica. Crystals of feldspar and mica range in size from 1/4 inch to as much as 2 inches. Generally, the phenocrysts are quite large, indicating a slow rate of cooling of the intrusive magna. A few inclusions of the biotite granite were observed in the pegmatite.

The contact of the pegmatite intrusive and the biotite granite country rock is generally sharply defined and apparently only minor alteration and crystal alignment occurred during the stages of intrusion and solidification.

MINERALIZATION:

Uraniferous mineralization appears to be confined mostly to the biotite mica phenocrysts in the pegmatite. Examination of the

biotite crystals by means of a hand lens did not disclose identifiable pitchblende. However, at locality B, green and greenish-yellow stains were present adjacent to biotite phenocrysts. Hand lens inspection of the stains suggested the presence of sutunite and possible some carnotite, although no good unmistakable crystals of these minerals were found. Other ore minerals of uranium, if present, could not be distinguished by visual inspection. The uraniferous mineralization in the intrusive rock appears to be primary in origin with a possibility of some secondary uranium disintegration minerals being present in an unknown amount.

The biotite granite country rock did not show any evidence of having been permeated by uraniferous solutions except in a very narrow zone along the contact walls where biotite crystal alignment forms thin dark-colored bands.

RADIOMETRIC EXAMINATION:

Radiometric readings were taken with a Model 111 B Scintillator. Background count was observed in several nearby localities far enough removed from the intrusive rock to avoid any mass effect. Background count averaged .030 mR. Observations were confined to a relatively small but important area where the main outcrop of the pegmatite dike occurs, and along its several branches on the north bank of Cache La Poudre River at the south end of Claim No. 2, and the southeastern part of Claim No. 1.

Location A. Readings along the highway where the central dike is exposed averaged 3X background. Hill wash and talus blocks obscure the other two converging dikes.

Location B. North of the highway, the central dike has fresh rock exposed from recent blasting operations. Average reading for the

orthoclase differentiate was 13X, for the several quartz bands 3X, and for the 2" to 4" bands of biotite mica 40X. Yellow and greenish-yellow stains below one large mica pod some 6" in diameter gave the highest reading of 65X background.

Location C. At a point approximately 200 feet north of the highway where the central dike abruptly changes direction, readings were obtained across a weathered outcrop. Readings for the quartz and orthoclase differentiates, in bands 6" to 14" in width, ranged from 3X to 8X background. Mica bands averaged 12X background.

Location D. Scattered readings were taken along the two northerly diverging branches of the intrusive rock. The results were practically the same as above with minor variations locally.

Location E. Readings were taken along the narrow 2" to 4" latticework veins of pegmatite between the larger branches. These averaged 5X background, but jumped to readings of 10X to 15X wherever an intersection occurred. Mica concentration at these junctions was present in every instance.

Readings were taken at various points in the country rock between the diverging pegmatite branches. The count dropped rapidly, but ranged higher than background count. This was no doubt due to mass effect of a jacent mineralized dike rock.

SAMPLING:

Three samples were obtained at locations B and C. No. 1 sample at location B was obtained from the fresh rock exposed by blasting. Due to the hardness of the rock and absence of hard-rock sampling tools, a groove sample across the six-foot vertical central dike could not be obtained. However, small chips of rock were broken from the dike in

a band 6" wide across the dike. Care was taken to obtain as representative a sample as possible under the existing conditions. Large crystals of feldspar and quartz broke more readily than the central matrix, therefore, some arbitrary grading was necessary as the sample was cut. Because of the difficulty of obtaining a better sample, a specimen sample 2" x 3" x 6" approximately, labelled No. 3, was obtained from the center of the dike. In this sample the quartz, feldspar, and biotite mica were about evenly distributed and would represent the richer zone of mineralization in the pegmatite dike. The two samples weighed approximately two pounds each.

Sample No. 2 was obtained from location C on a weathered outcrop of the dike. The same conditions as above prevailed, and in addition the biotite mica seams are deeply eroded, forming cracks which are partially filled with top soil. The sample was chipped from a 6" band across the six-foot width of the dike. Care was exercised in obtaining as much biotote mica as was deemed representative in comparixon to the more resistant quartz and feldspar knobs across the dike. In spite of the care exercised, it was apparent that a poor representation of the biotite mica bands was procured because of its weathering characteristics and contamination by top soil. The sample weighed approximately two pounds.

Sample No. 4 was taken at location A from the outcrop adjacent to the highway. This was about a three-pound grab sample, but was not assayed.

The assay report from Charles O. Parker & Co. on the above samples is as follows:

Folio #6675, Dec. 9, 1955

Sample	Uranium Oxide (U_3O_3)	Radiometric equivalent
Location B - #1	0.063%	0.06
Location B - #3	0.130%	0.15
Location C - #2	0.013%	0.01

Of possible interest is a chemical analysis of the pegmatite dike submitted by the Cinderella Uranium and Oil, Inc. The analysis was made by Charles O. Parker & Co. on Oct. 25, 1955, Folio 6643.

*Lower #1 - Claim #2 - Uranium Oxide (U_3O_3) 0.038%

also contains: Copper, trace; Iron, fair; Alumina, large; Calcium, small; Magnesium, small; Silica, major; Alkalies, (sodium and potassium), fair; Fluorine, trace; Boron, trace; Phosphorus, trace; Rare Earths, (principally Cerium), trace; Thorium, trace, Sulphur, (principally as sulphide), very small; Titanium, very small.

CONCLUSIONS AND RECOMMENDATIONS:

1. Uraniferous mineralization is present predominantly along the differentiate zones of biotite mica. Mineralization is less apparent in the quartz and feldspar differentiates which are in the form of bands making up approximately one-third of the pegmatite dikes. The dike system is composed of several branches and cross-cutting veinlets.

2. Junctions of the smaller veinlets, as well as their points of intersection with the main intrusive bodies, give higher radiometric readings than at intervening points. This evidence would indicate a possible zone of enrichment much greater in extent if the larger branches of the pegmatite intrusive converge to a common point of intersection in the immediate area of Cache La Poudre River and State Highway 14. Relationships here are obscured by stream deposits and slope wash. Other dike junctions are probably present at other places

on the Lucky Strike group of claims, but field mapping would be required to verify this prediction.

3. Information obtained from the brief reconnaissance examination indicates the necessity for a more detailed geologic survey and field mapping program to fully evaluate the complex relationships of the intrusive rock with the country rock, and also the extent of uraniferous mineralization along the dike system.

4. The radiometric results indicate that some exploratory work is warranted either by means of core drilling or mining development work. The former method should be less expensive and more areas could be tested for mineralized dike junctions than by the conventional mining methods. An exploratory program is necessary to properly evaluate the possibility of commercial deposits of uranium ore.

5. Easy accessibility to the property is afforded by State Highway 14 which crosses the Lucky Strike claims. A considerable portion of the 52 miles of road to Fort Collins, Colorado, is paved. Ample water supply for core drilling is available in the Cache La Poudre River, immediately adjacent to the south boundary of the property.

6. Drilling and/or mining operations may be conducted throughout the entire year with the possible exception of brief below-zero periods during the winter months.

Respectfully submitted,

GEOPHOTO SERVICES

December 19, 1955

E. Carter Hutchinson
Registered Engineer, No. 299,
State of Colorado

Approved: Laurence Brundall,
Partner

RECEIVED
JAN 30 1956

URANIUM MINING LEASE

THIS URANIUM MINING LEASE, Made this 25th day of August, 1955 by and between SOLOMON SCHLAGEL and IRA L. SCOTT, as owners, hereinafter referred to as Schlagel andScott, and CINDERELLA URANIUM AND OIL, INC., lessee, hereinafter referred to as Cinderella, WITNESSETH:

Schlagel and Scott, in consideration of the royalties hereinafter stated and performance of the covenants and agreements hereinafter expressed, grant and lease exclusively unto Cinderella the following described mining claims for the purpose of exploring for and mining uranium, thorium, other fissionable material, and other minerals with the right to use as much of the surface as is necessary for mining purposes:

> Certain mineral locations for claims for uranium and other minerals now located and to be located in Sections Nine (9) and Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth Principal Meridian, Larimer County, Colorado, known as Lucky Strike Lode 1, 2, 3, 4, 5, and 6.

This lease shall be for a term of one (1) year commencing at noon on the 25th day of August, 1955, and as long thereafter as Cinderella in good faith is conducting mining operations on the leased premises, subject, however, at all times to being terminated or forfeited under other provisions of this lease.

1. Royalties. Cinderella shall pay or cause to be paid to Schlagel and Scott by the ore purchaser twelve (12) per cent of the gross value of all ores shipped or sold from any part of the leased premises. Gross value means the value of the ore F.O.B. the ore buying station, paid by the ore buyer. Schlagel and Scott shall be entitled to one-half (1/2) of all government bonus payments made by the United States of America and Cinderella shall be entitled to the other one-half (1/2) of said bonus payments. (Bonus refers only to $10,000.00 Discovery Bonus.)

2. Liens. Cinderella shall pay, as due, all claims for work done, services rendered, or material furnished to the leased premises, and shall hold Schlagel and Scott harmless from any liability arising out of any operations under the lease. Cinderella shall defend all suits or claims at its own expense, and shall keep the leased premises free from any liens. Cinderella shall post and keep posted in conspicuous places at or near all parts of the premises where operations under the lease are in progress, notices of non-liability reciting in substance that the premises are leased and that neither Schlagel and Scott nor the premises may be held liable for any claims of any kind arising out of Cinderella's operations.

3. Fixtures. Cinderella shall have the right during the term of this lease or within sixty (60) days after the termination of this lease to remove all machinery, fixtures, and improvements placed or erected on the premises by Cinderella.

4. Assignment or Subleasing. Cinderella shall notassign or sublease any part of the leased premises without the written consent of Schlagel and Scott, which shall not unreasonably be withheld. Assignment of the lease shall terminate all liabilities of Cinderella under the lease except those already accrued.

5. Workmen's Compensation Insurance. Cinderella assumes full responsibility in case of accident to Cinderella, its agent or any person employed on the leased premises, and agrees to hold Schlagel and Scott harmless from any suits for injury or accident arising out of employment. Cinderella shall apply for and maintain at all times workmen's compensation insurance pursuant to the laws of the State of Colorado, and shall comply in all respects with any state of federal laws pertaining to employment of persons in mining operations.

6. Forfeiture. If Cinderella violates any of the provisions of this lease or fails to perform any covenants made by it herein, Schlagel and Scott may, at their option, forfeit this lease by giving notice to Cinderella of their election to forfeit the lease, and by specifying in such notice the matters in which Cinderella is in default; provided, however, that such forfeiture shall be inoperative if within thirty (30) days from the effective date of such notice, Cinderella remedieststhe matters of default specified by Schlagel and Scott.

7. Notive. Any written notices provided for herein shall be sent by registered mail, return receipt requested, and addressed as follows:

To Lessors: Solomon Schlagel
Kersey, Colorado

Ira L. Scott
2021 Quitman Street
Denver, Colorado

To Lessee: Cinderella Uranium and Oil, Inc.
Naturita, Colorado

Either party may change the name or address above by written notice to the other party. Notices shall be effective when deposited in the U. S. mail.

8. Surrender. Cinderella may surrender this lease at any time by giving Schlagel and Scott thirty (30) days notice, provided that either (1) the notice is given at least sixty (60) days before the end of the assessment year, or (2) the assessment work has been done and the proofs filed as required by law. Surrender shall terminate all obligations of Cinderella except those that have already accrued.

9. Taxes. All production and mine occupation taxes levied upon all minerals mined and sold from the leased premises shall be paid by Cinderella and the ad valorem tax levied against the leased premises shall be paid by Schlagel and Scott privided, however, that Cinderella shall pay all taxes levied against all improvements, mine equipment, machinery, supplies or other facilities placed upon and used in connection with mining the premises.

10. Payments. Cinderella shall arrange, if possible, to have ore purchasers make all payments of royalties directly to Schlagel and Scott and to have all payments accompanied by a copy of the settlement sheet to which they apply. Otherwise, Cinderella is to make payments of royalties, together with a copy of the appropriate settlement sheet, to Schlagel and Scott within thirty (30) days after receiving payment from the ore purchaser.

11. Compliance with Laws. Cinderella shall comply with all laws and regulations of the State of Colorado and of the United States pertaining to mining operations, including, but not limited to, those related to employment such as social security and withholding taxes.

12. Method of Work. Cinder lla shall perform all work on the leased premises in accordance with good and economical mining practices, so as to take out the greatest amount of ore possible but with due care taken to develop and preserve the premises as a workable mining property. The premises shall be kept sufficiently timbered, free from loose rock or rubbish and otherwise in a safe and proper condition.

13. Records-Inspection. Cinderella shallkeep accurate records and accounts of all operations under this lease, and shall permit Schlagel and Scott or their agents to inspect and make copies of the same at all reasonable times. These records shall include, but not be limited to, copies of all maps, surveys, exploratory drilling logs, geological or assay reports and other operational data prepared from or connected with the leased premises. Cinderella agrees to fulfill reasonable requests from Schlagel and Scott for reports from these records.

14. Inspection of Premises. Schlagel and Scott or their agents may, at all reasonable times, and at Schlagel and Scott's sole risk, enter upon and into the leased premises for inspection or to conduct survey or sampling operations; provided, that such activities shall not unreasonable interfere with the operations of Cinderella.

15. Surface Rights. Cinderella shall have the right to use the surface of the leased premises only to the extend reasonable necessary for prospecting, development, minin, and other operations reasonably incident thereto.

16. Assessment Work. Cinderella shall perform all necessary assessment work upon the leased premises at least sixty (60) days before the end of each assessment period, and file all reports and affidavits when and as required by law.

17. Restoration of Premises. Upon the termination of this lease by expiration, surrender or otherwise, Cinderella shall immediately restore the premises in good order and condition to Schlagel and Scott. Cinderella shall keep all fixtures, improvements, and facilities or other assets of any kind in good repair at all times.

18. Succession. This lease and all its terms and conditions shall be binding on succe sors in interest of either Schlagel and Scott or Cinderella.

19. Cinderella covenents and agrees to com ence exploration under the terms of this lease within ninety (90) days of the date of this lease and in event of the failure so to do this lease shall be subject

to forfeiture at the election of Schlagel and Scott by the giving of a notice in writing to Cinderella, said notice to be effective thirty (30) days from the mailing thereof.

20. In event Cinderella is unable to operate under this lease Cinderella may surrender the lease by giving notice of such surrender in writing thirty (30) days prior to the date of surrender.

WITNESS the hands and seals of the parties aforesaid, the day and year first above written.

_____

_____
Solomon Schlagel and Ira L. Scott,
Lessors

CINDERELLA URANIUM AND OIL, INC.

By_____
Lessee

RECEIVED
JAN 30 1956

Cinderella Uranium & Oil, Inc.
711 Seventeenth Street
Denver, Colorado

Re: Lode Mining Claims Lucky Strike Nos. 1 through 6, inclusive, in Sections 9 and 10, Township 8 North, Range 75 West, Larimer County, Colorado.

Gentlemen:

At your request we have, this date, examined the records maintained by the Larimer County Abstract Company in Fort Collins, Colorado, to determine the state of title to the captioned lode mining claims. These claims are more particularly described as follows:

Lucky Strike No. 1: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 1 Lone Mining Claims, from which the East Quarter Corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears North 76°23' East 4814 feet, thence South 27°59' West 750 feet; thence South 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 2: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 2 Lode Mining Claim, from which the East Quarter Corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears North 74°36' East 4128 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86° 59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 3: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 3 Lode Mining Claim, from which the East Quarter cornerof Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears North 72°06' East 3448 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86°59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 4: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 4 Lode Mining Claim, from which the East Quarter corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears South 84°04' East 2591 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86° 59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 5: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 5 Lode Mining Claim, from which the East Quarter corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears South 86°02' East 3278 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86° 59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Lucky Strike No. 6: Beginning at corner No. 1, which is the Northeast corner of Lucky Strike No. 6 Lode Mining Claim, from which the East Quarter Corner of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the Sixth P. M. in Larimer County, Colorado, bears South 86°43' East 3976 feet; thence South 27°59' West 750 feet; thence South 27°59' West 750 feet; thence South 86°59' West 699.9 feet; thence North 27°59' East 750 feet; thence North 27°59' East 750 feet; thence North 86°59' East 699.9 feet to the point of beginning.

Our examination indicates that on September 15, 1955, six Location Certificates respectively covering lode mining claims denominated Lucky Strike Nos. 1 through 6, inclusive, as described above, and dated September 15, 1955, were duly filed in the Larimer County records, each of said Location Certificates being accompanied by a plat of survey in the custimary form. All of said certificates were signed by Ira L. Scott and Solomon Schlagel, as locators. In our opinion there is nothing of record adverse to the claims of the said Ira L. Scott and Solomon Schlagel, except as follows:

1. On September 26, 1898, one Howard Wyndham conveyed by Quitclaim Deed to one C. B. Andrews all the improvements on Section 10, Township 8 North, Range 75 West of the 6th P. M. This instrument, which was recorded on September 30, 1898, in Book 77 at page 361 of the Larimer County, Colorado, records, does not, in our opinion, create a valid interest in the lands or minerals covered by the Lucky Strike claims, since the parties to it are wholly outside the chain of title, and since the subject matter of the deed apparently covers only personalty and not the real property.

2. On May 6, 1899, Charles B. Andrews conveyed by Quitclaim Deed to one W. E. Lester the house and buildings on Section 10, Township 8 North, Range 75 West of the 6th P. M. This instrument, which was recorded on May 6, 1899, in Book 77 at page 422 of the Larimer County, Colorado, records also does not, in our opinion, create a valid interest in the lands or minerals covered by the Lucky Strike claims for the same reasons as set out in paragraph No. 1 above.

3. A small portion of these claims falls into the Southeast Quarter of the Southwest Quarter (SE¼SW¼) of Section Ten (10), Township Eight (8) North, Range Seventy-five (75) West of the 6th P. M., to which a patent was issued by the United States in favor of John F. Fezer on January 20, 1904. This patent was recorded in Book 133, at page 341 of the Larimer County, Colorado, records on July 12, 1906. Since that time ownership has been divided into numerous small, fractional interests and is widely scattered. Because of the number and complexity of the conveyances purporting to grant fractional interests in this land, and because some of these conveyances appear to be at least partially defective, we do not desire to render a formal opinion as to who presently holds title to it until and unless a duly certified abstract of title is made available to us. On the basis of our examination, however, it is our opinion that the Southeast Quarter of the Southwest Quarter (SE¼SW¼) of Section Ten (10) was not in the public domain at the time the Lucky Strike claims were located, and that the locators have no valid claim of record to either the mineral or the surface rights in the said Southeast Quarter of the Southwest Quarter (SE¼SW¼) of Section Ten (10). Only a small portion of these claims is affected by this defect; the exact area being ascertainable by conference with the surveyer who surveyed the claims.

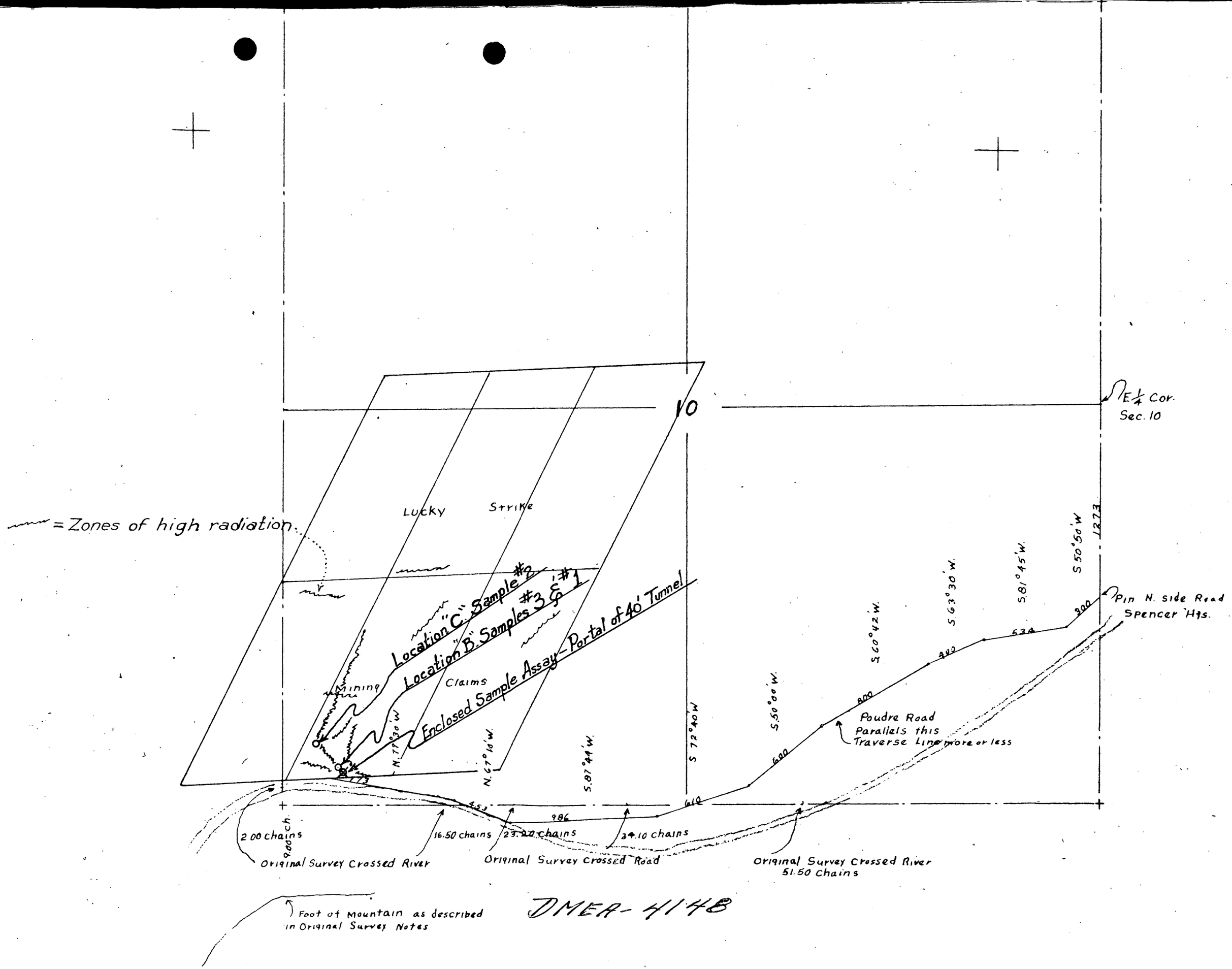
We have informed your representative that this opinion does not pass on the question of whether the Lucky Strike claims are valid and subsisting lode mining claims, since this can only be fully determined b a physical inspection of the premises, as well as a search of the records. The purpose of this opinion is to inform you that except as outlined above, our search of the records disclosed nothing constituting a valid claim of record adversely affecting the rights of Ira L. Scott and Solomon Schlagel in and to the Lucky Strike claims. We have also informed your representative that indemnification against possible error in abstracting can be had by procuring a duly certified abstract of title to the property.

Location Certificates are occasionally placed of record with so vague a description of the land claimed that the physical location of the claim cannot be determined. The existance of claims of this type, or of claims for which no Location Certificates have been filed, can only be determined by physical inspection of the premises.

Yours very truly,

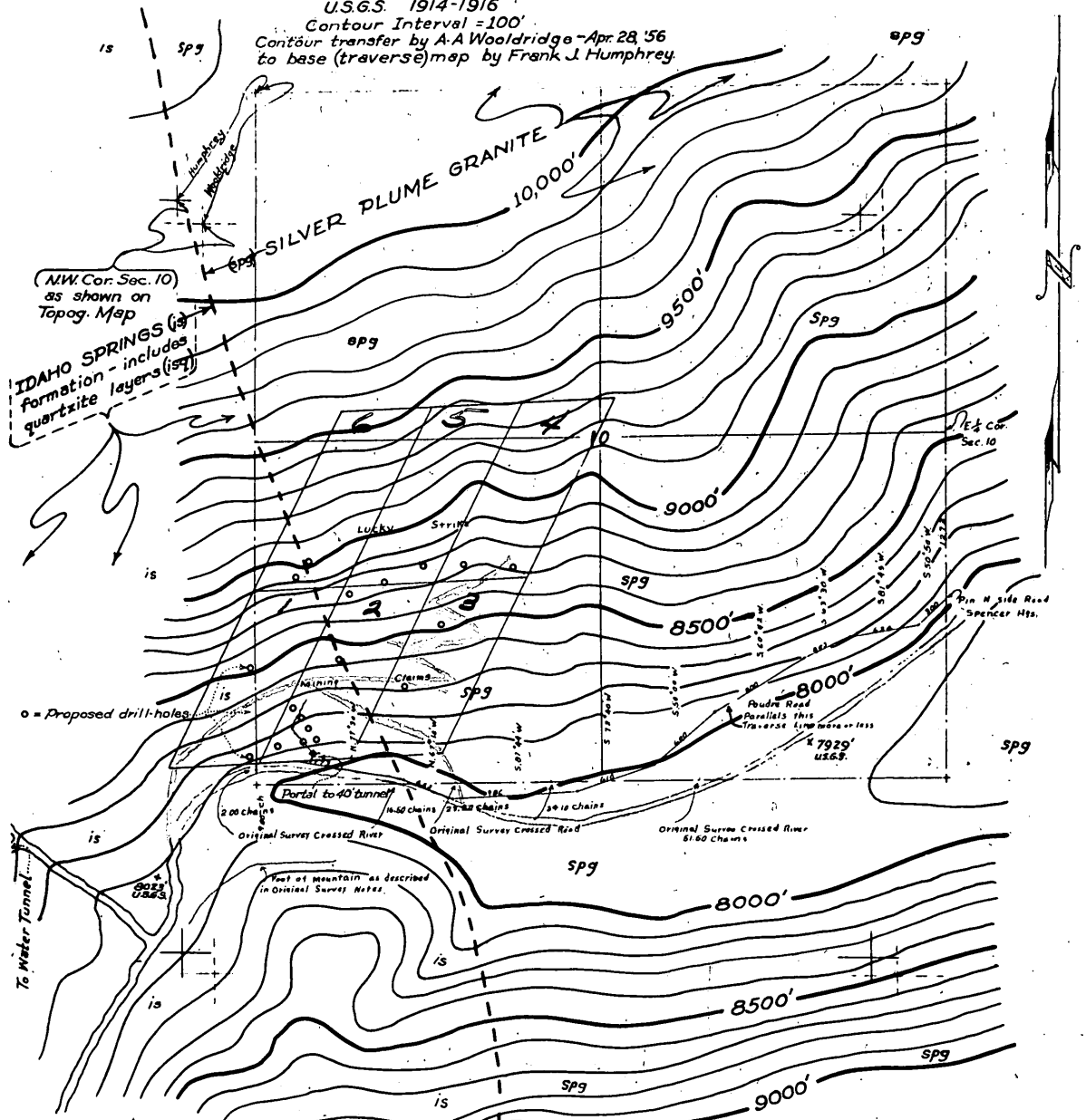
WARREN AND STRAHLE

BY Ronald H. Strahle


= Zones of high radiation
Lucky Strike
Location "C" Sample #2
Location "B" Samples #3 & #1
Enclosed Sample Assay-Portal of 40' Tunnel
Mining Claims
10
E¼ Cor. Sec. 10
N. 77°30' W
N. 67°16' W.
S. 87°44' W.
S 72°40' W
S. 50°00' W.
S. 60°42' W.
S. 63°30' W.
S. 81°45' W.
S 50°50' W
1273
Pin N. side Road Spencer Hts.
Poudre Road Parallels this Traverse Line more or less
2.00 chains
9.00 ch.
16.50 chains
23.20 chains
34.10 chains
Original Survey Crossed River
Original Survey Crossed Road
Original Survey Crossed River 51.50 Chains
Foot of Mountain as described in Original Survey Notes

DMEA-4148

TOPOGRAPHY
of
COLORADO-WYOMING, 'HOME' QUADRANGLE
U.S.G.S. 1914-1916
Contour Interval = 100'
Contour transfer by A.A Wooldridge - Apr. 28, '56
to base (traverse) map by Frank J. Humphrey



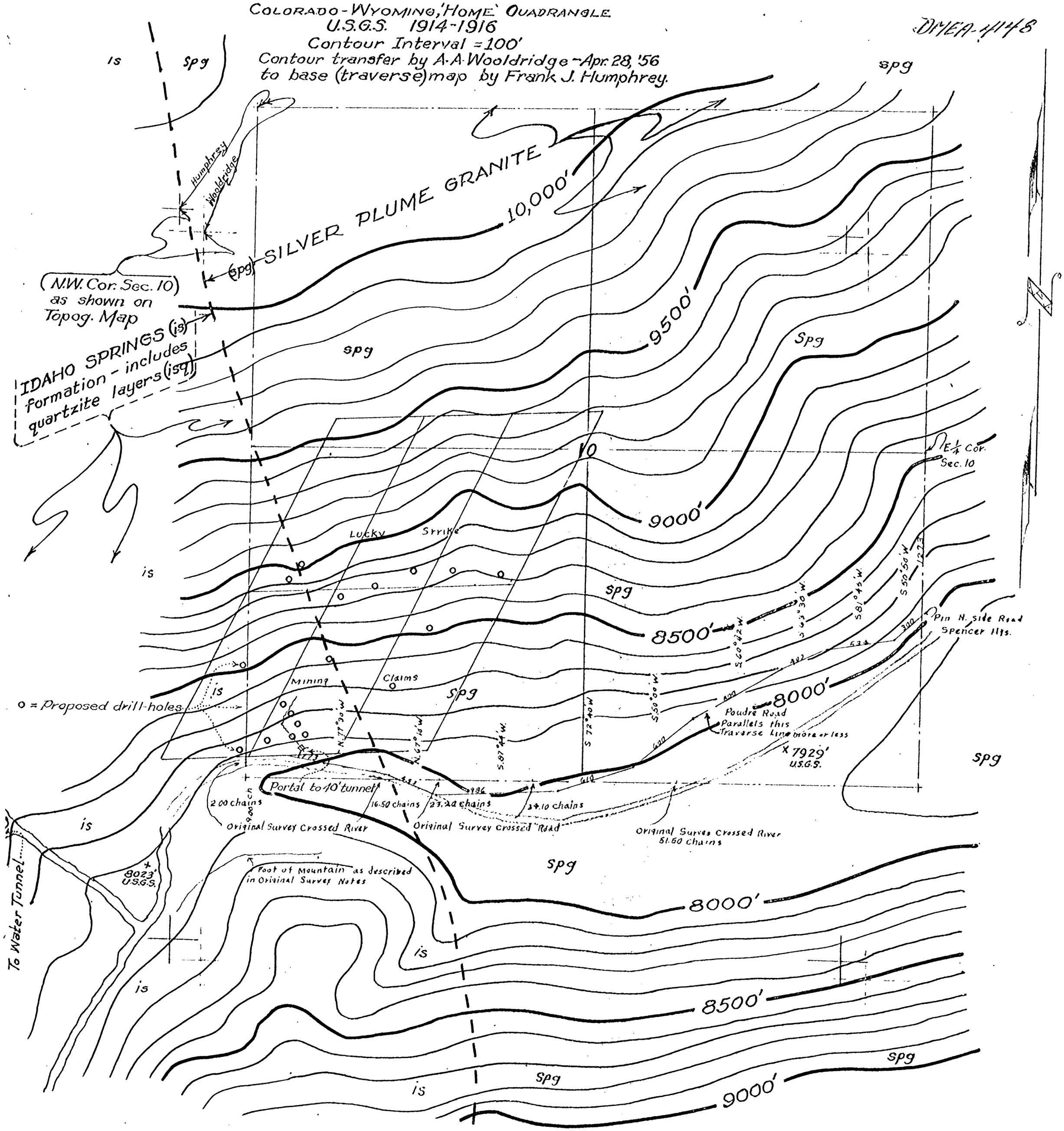
LEGEND
APPROXIMATE LOCATION OF ROAD

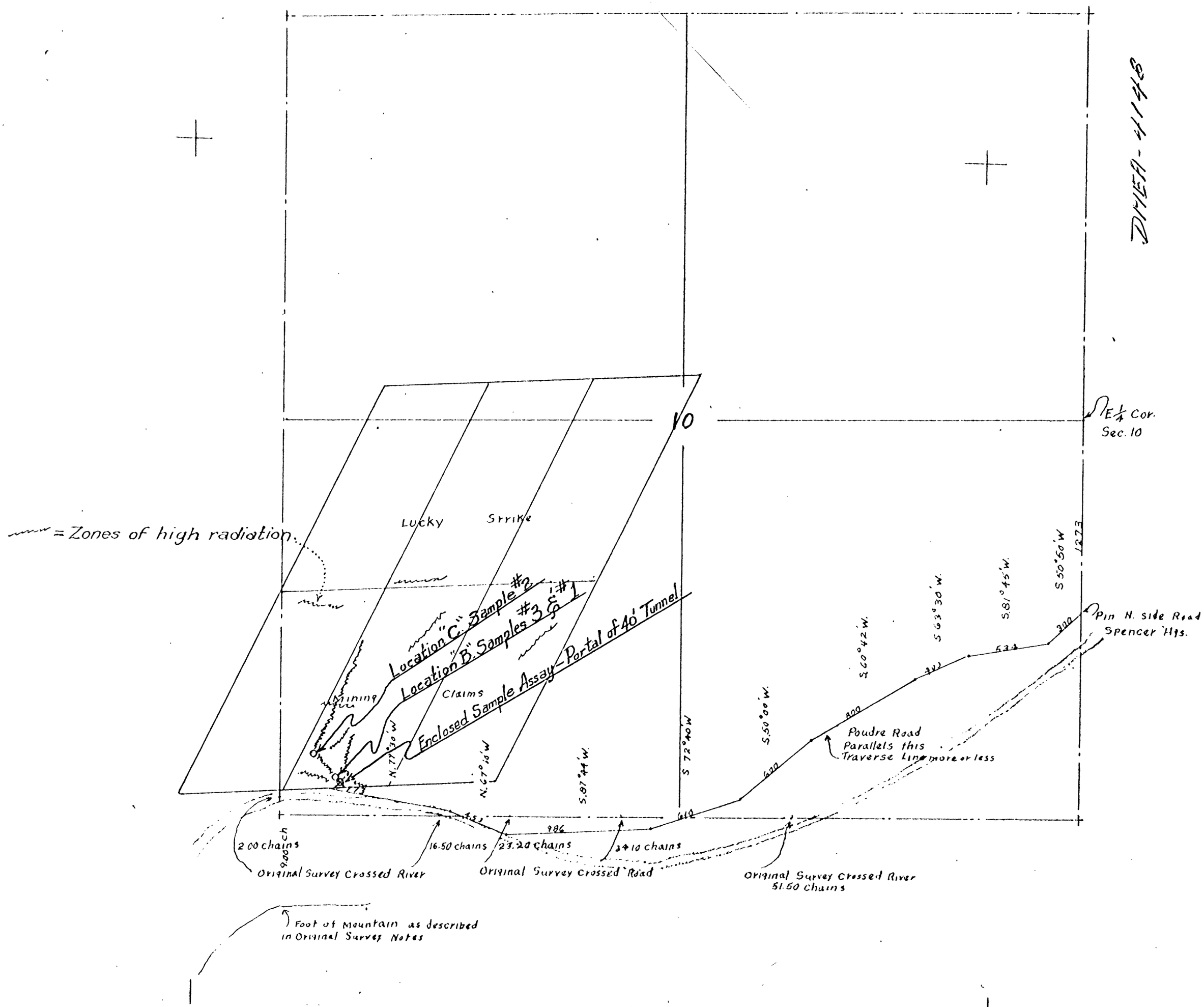
Note. by Murphy
The Field Team has copies of these maps

RECEIVED
JUL 1 3 1956

TOPOGRAPHY
of
COLORADO-WYOMING, 'HOME' QUADRANGLE
U.S.G.S. 1914-1916
Contour Interval = 100'
Contour transfer by A.A. Wooldridge - Apr. 28, '56
to base (traverse) map by Frank J. Humphrey.

DMEA-1148




DMEA-41148
E¼ Cor.
Sec. 10
10
= Zones of high radiation
Lucky Strike
Location "C" Sample #2
Location "B" Samples #3 & #1
Enclosed Sample Assay—Portal of 40' Tunnel
Mining Claims
N. 77°30' W.
N. 67°15' W.
S. 87°44' W.
S 72°40' W
S. 50°00' W.
S. 60°42' W.
S. 63°30' W.
S. 81°45' W.
S. 50°50' W
1273
Pin N. side Road
Spencer Hts.
Poudre Road
Parallels this
Traverse Line more or less
2.00 chains
9.00 ch
16.50 chains
23.20 chains
34.10 chains
Original Survey Crossed River
Original Survey Crossed Road
Original Survey Crossed River
51.50 chains
Foot of Mountain as described
in Original Survey Notes