DMEA Form 7
(12-56)

140

OFFICIAL FILE COPY

Date	Surname	Code
1/22	[illegible]	140
1/22	[illegible]	700
1/23	[illegible]	120
	[illegible]	110
	[illegible]	100
1-24	C	220 225

JAN 24 1957

Mr. James R. Manning, President
Mountain States Uranium, Inc.
7340 West Colfax Avenue
Denver 15, Colorado

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Dear Mr. Manning:

Our letter dated December 7, 1956, stated, in part, that we could not give any further consideration to the subject application for exploration aid until you established sufficient interest in the land for the purposes of an exploration project, and that you could not establish this interest until the present court action concerning it was terminated or settled.

Your letter of January 2, 1957, responded that the litigation is still in force, but requested this agency to act on the application anyway on the assumption that you will prevail in the litigation. Of course, you must understand that we may not dispose of your application by anticipating what the court will do. It, therefore, is suggested that you inform this agency when the litigation concerning your Company's interest in the subject land is resolved in favor of your Company, and we shall then resume consideration of the subject application.

Sincerely yours,

C. O. Mittendorf

Administrator

HCRubin/emd/wog
January 22, 1957
Copy to: DMEA Docket
Admr's Read. File
Operating Com.
J.E.Crawford/3643
T.H.Kiilsgaard/5224
J.O.Hosted/3210 GSA
E.W.Ellis (2)
Field Team, Reg. III (2)
R.P.Dwyer
H.C.Rubin
Pending
Chron.

8623

7-6-56

DMEA - 4373

Covers some of the same claims as in Docket DMEA-4352

Give this to Buck who is handling 4352 & 4058

EWR

DMEA Form 7
(12-56)

700

OFFICIAL FILE COPY

Date	Surname	Code
1/16/57	Knouse	700
1-17	Ellis	700
1-17	C	220
		140
		225

January 16, 1957

Memorandum

To: Associate Solicitor,
Division of Raw Materials

From: Ernest Wm. Ellis, Chief
Rare and Miscellaneous Metals Division

Subject: Docket No. DMEA-4352 (Uranium)
Mountain States Uranium, Inc.
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Please refer to the Administrator's letter, dated December 7, 1956, to the subject Applicant, and letter, dated January 2, 1957, from Mr. James R. Manning, President, Mountain States Uranium, Inc.

Kindly prepare a reply to Mr. Manning for the Administrator's signature.

Ernest Wm. Ellis

Ernest Wm. Ellis

FIKnouse/gla

cc to: Mr. Knouse

8623

Mountain States Uranium, Incorporated
7340 West Colfax Ave. - BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.

January 2, 1957

OFFICIAL FILE COPY
D M E A
RECEIVED JAN 7 1957

DATE	INITIALS	CODE
1-7	C	220

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

ATT: C. O. Mithendorf, Administrator

RE: Docket No. ~~DMEA-4352~~ (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Dear Sir:

Reference is made to your letter of December 7, 1956, informing us that this company's application for exploration assistance is denied.

On Saturday, December 29th, amendatory legal documents were signed by officer ofthis company to Civil Action No. 1 3066 in the District Court of Boulder County, petitioning to amend our motions in connection with the litigation over the Pine Claim, so that evidence may be presented in Court in connection with the Buffalo claims and the Victory claim for quiet title. Boulder County records disclose that Buffalo No. 1 claim was staked for this company by our geologist forty-eight days earlier than the Victory claim was restaked by Jamestown Uranium Company. If such County records would establish possessory rights to the satisfaction of your Administration before the Court trial, we would be very glad to procure and supply you with such records, as this company is very much in need of the assistance applied for.

Yours respectfully,

MOUNTAIN STATES URANIUM, INC.

James R. Manning

James R. Manning, President

JRM:gb

cc to: Mr. W. M. Traver, Exec. Officer
DMEA Firle Team
Region III
224 New Customhouse Bldg.
Denver 2, Colorado

CW

700

F. Knouse
Ellis
Lamb
Nelson
Selfridge
Fjerman

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

Mr. James E. Manning, President
Mountain States Uranium, Inc.
7310 West Colfax Avenue
Denver 15, Colorado

DMEA-71024

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Dear Mr. Manning:

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 radioactivity on the claims, indicates that there is not sufficient interest in land area for the purpose of an exploration project. We regret to advise you that, under there circumstances, your application for exploration assistance is denied. Such denial, however, is made without prejudice to the property. If the dispute between your company and Jimtown Uranium Company is settled or terminated, and it is established that your company has possessory rights to the property concerned, we will be pleased to reconsider the application.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FIKnouse/gla
12-5-56
cc to: Admr.'s Reading File
Operating Committee
Docket
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA
Code 700
Mr. Knouse
DMEA Field Team, Region III (2)

F.C.

DOCKET COPY

700

J. L. Kramer
Ellis

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

WASHINGTON 25, D. C.

December 5, 1956

Summary of Proposed Project

Object: Denial of application for an exploration project.

Docket No.: DMEA-4352

Commodity: Uranium

Applicant: Mountain States Uranium, Inc.
7340 West Colfax Avenue
Denver 15, Colorado

Property: Consists of one patented claim, Pine, and three unpatented lode claims, Buffalo No. 1, Mamie, and Verna Jean, located in secs. 19, 20, 29, and 30, T. 2 N., R. 71 W., P.M., Boulder County, Colorado. The Applicant is the owner of the Buffalo No. 1 claim, and by virture of a lease from H. Elmer Rhoades and William Filley, entered into on October 1, 1955, it controls the other claims. (Note: Additional claims are leased in the application, but only the above claims are considered in this proposed project, since the remaining claims are also listed in application No. DMEA-4373.)

There is a property conflict between the Applicant and the Jimtown Uranium Company, Docket No. DMEA-4058, Contract No. Idm-E944, and we understand that they are engaged in a lawsuit concerning the title and the rights to possession of the area involved.

Date of application: June 15, 1956.

Work Proposed: Original Proposal: To drive an adit drift from the Buffalo No. 1 claim under the Pine claim and along the Pine Lode claims a distance of 600 feet.

Applicant was informed of our knowledge of the property conflict between it and Jimtown Uranium Company, and he submitted a second proposal to explore the property that was not in conflict.

Second Proposal: To drive an adit drift from the Buffalo No. 1 claim along the Pine Lode vein, a distance of 300 feet, to the boundary of the Victory claim (property in conflict), and also core drill two holes to a depth of 150 feet on the eastern end of the Pine claim.

Cost of Proposed Work:

Original Proposal:

Labor, Supervision and Consultants

Supervision, 120 days @ $20.00/day	$2,400.00	
Labor, 120 days @ $29.00/day	3,480.00	
Engineering and geology	2,000.00	
		$7,880.00

Operating Materials and Supplies

Power installation	1,000.00	
Power - 4 mos.	800.00	
Fuel	648.00	
		2,448.00

Operating Equipment

Skip loader and ramp	2,220.00	
Ventilation fan	220.00	
Miscellaneous Pipe, rails, etc.	650.00	
		3,090.00

Rehabilitation and Repairs	1,200.00	
New buildings, improvements, installation	50.00	
Miscellaneous insurance and payroll taxes	944.00	
Contingencies, drill steel and drill bits	275.00	
		2,469.00

Total Estimated Cost of the Project $15,887.00

Second Proposal

Independent Contracts

300 feet core drilling @ $3.50/ft. $ 1,050.00

Labor, Supervision, Consultants

Supervision - 70 days @ $20.00/day	$1,400.00	
Labor - 70 days @ $30.00/day	2,100.00	
Engineering and Geology	1,000.00	
		4,500.00

Operating Materials and Supplies		
Power installation	$1,000.00	
Miscellaneous power, water, fuel, and explosives	2,069.00	
		$3,069.00
Operating Equipment		
Skiploader and ramp	1,100.00	
Ventilation fan	220.00	
Miscellaneous pipe, rail, and fittings	2,095.00	
		3,415.00
Rehabilitation and Repairs	1,400.00	
New buildings, improvements, and installations	50.00	
Miscellaneous insurance and payroll taxes	1,083.00	
Contingencies (drill steel and bits)	135.00	
		2,668.00
Total Estimated Cost of the Project		$14,702.00
Government Participation @ 75%		$11,026.50

Applicant submitted as justification for the second proposal, to explore the property, a statement (see Applicant's letter, dated November 1, 1956) that the proposed adit was started and at 25 feet an apparent lead-silver vein (4 to 6 inches) was encountered. An assay certificate submitted of a sample, reported taken from the vein, shows 0.01 oz. Au, 0.48 oz. Ag, and 10.18% Pb. The distance from the location where the sample was taken to the south boundary of the Victory claim is about 275 feet. (Usually, drifting is permitted to within 100 feet of the property boundary.) In addition, Applicant submitted as justification for drilling the two 150-foot-deep core holes a statement that the surface area, 4 feet by 50 feet, showed scintillator counts of .6, .50, and .150 mr/hr in the area where the holes are proposed to be drilled, but did not submit any sample assays. The claim is 150 feet wide where it is proposed to drill the holes.

Comments of Commodity Specialists:

U. S. Geological Survey, W. P. Williams, November 19, 1956.

"All things considered, not the least of which are the property controversy, the small eligible area, and the lack of assay data from the eligible area, leads me to recommend that the application be denied."

U. S. Bureau of Mines, John E. Crawford, November 27, 1956.

Denial of the application is recommended.

Rare and Miscellaneous Metals Division, F. L. Knouse, December 2, 1956

The limited eligible area, that is not in conflict with property of Jimtown Uranium Company, in which the Applicant has submitted evidence of mineralization, is insufficient for the purpose of the proposed exploration project. If it is established that the Applicant has possessory rights to the claims listed above, then a field examination should be made of the project to determine the merits of the proposed project. In the meantime, the application should be denied without prejudice to the property.

Conclusions:

A review of all our information indicates that the eligible area in which any evidence of mineralization exists is too limited for the purpose of an exploration project contract. Therefore, the application for Government exploration assistance should be denied without prejudice to the property.

Ernest Wm. Ellis

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

11/29/56

RECEIVED NOV 29 1956 DMEA

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

Date November 27, 1956

DMEA Docket No. 4352
DMEA Contract No.
Commodity Uranium
Name of applicant Mountain States Uranium, Inc.
Name of property Buffalo No. 1 and Pine Claims
Location of property Boulder County, Colorado
Estimated cost of project $7,934.50

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Review of Supplemental Information
(Application, Field Team Report, etc)

1. Date of subject document: _____. 2. Date received by reviewer: 11/19.

3. Prior reports on this property known to reviewer: Yes ☐ No ☐

4. Prior reports on nearby properties known to reviewer: Yes ☐ No ☐

5. Information available on past production: Yes ☐ No ☐

6. Other pertinent factors known to reviewer: Yes ☐ No ☐

7. Explain items marked yes above:

8. Factors needing special consideration:
   a. Location ☐
   b. Ownership ☐
   c. Evidence of mineralization ☐
   d. Geology ☐
   e. Proposed exploration method ☐
   f. Alternate exploration method ☐
   g. Costs ☐
   h. _____ ☐

9. Action advised:
   a. Obtain information from applicant ☐
   b. Refer to Field Team ☐
   c. Denial ☒
   d. Agree with Field Team ☐
      i. Consult with Mr. _____ at _____ AEC office.
   e. Disagree with Field Team ☐
   f. Suggest alternate plan ☐
   g. Request another examination ☐
   h. Approval ☐

10. Remarks: (Use back of page if necessary) Mr. J. O. Hosted, Washington representative of the Atomic Energy Commission, assisted in the review.

11/20/56 gla

IN REPLY REFER TO:

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

RECEIVED NOV 20 1956 D.M.E.A.

November 19, 1956

Memorandum

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

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

Subject: Review of supplemental information, DMEA 4352, Mountain States Uranium, Inc., Buffalo No. 1 and Pine claims, Boulder County, Colorado (uranium).

In answer to a request, dated August 29, 1956, from the Chief, Rare and Miscellaneous Metals Division, DMEA, the applicant has supplied additional information in the form of a sketch map showing the Pine, Buffalo No. 1, Victory, and Mamie claims, an uncertified copy of an assay certificate for samples taken from the Pine claim, and a letter of transmittal covering the foregoing.

As pointed out in the Acting Administrator's letter of July 23, 1956 to the applicant, it is my impression that the subject property is in controversy with property held by Jimtown Uranium Company, DMEA 4058, Contract Idm-E944. The applicant makes no statement concerning the lawsuit which has been in progress over the property.

Under the conditions it must be assumed that the property, especially the patented Pine claim, is still in conflict. At best, therefore, the applicant would be able to perform exploration in the area limited to a small part of the Mamie claim. The proposed adit could not be longer than 300 feet before controversial ground would be entered. If the adit could approach no closer than 100 feet to a property boundary, as is the custom in DMEA contracts, then the adit could be only 200 feet long. Furthermore, as the Acting Administrator has pointed out, the applicant's objective would be the same as DMEA 4058.

All things considered, not the least of which are the property controversy, the small eligible exploration area, and the lack of assay data from the eligible area, lead me to recommend that the application be denied. An alternative would be to place the application in long abeyance which very likely would not be desirable.

W. P. Williams

W. P. Williams

11-15-56

Mountain States Uranium, Incorporated

7340 West Colfax Ave. - BElmont 7-2331

Lakewood, Colorado

Nov. 11, 1956

RECEIVED NOV 15 1956 D.M.E.A.

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

ATT: Ernest Wm. Ellis, Chief
Rare & Miscl Metals Division

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Gentlemen:

Reference is made to your letter dated November 6, 1956 in reply to this company's letter of November 1, 1956 with enclosures.

Transmitted herewith another map or sketch drawn to scale 200 ft. to one inch, showing the location and width of the Pine Lode vein exposure with sample location taken from the pit, proposed adit indicated, all in relation to the boundaries of the Buffalo No. 1 and Victory Lode mining claims.

The proposed two drill holes are indicated, together with width, length and scintillator counts. No samples have been assayed from that location yet.

Four certified copies of an assay of samples taken of the vein for another purpose, are enclosed for your information.

Copy of the map and certified assay are being forwarded to Mr. W. M. Traver as requested in the last paragraph of your letter.

In the event this drawing does not supply all the information required, would you be good enough to specify exactly which information is lacking, and soon.

Respectfully submitted,

MOUNTAIN STATES URANIUM, INC.

James R. Manning

James R. Manning, President

Enc. Sketch & Assay #6856
JRM:gb

cc to: Mr. W. M. Traver

2114 CURTIS STREET

TELEPHONE MAin 3-1852

[redacted]

CHEMISTS • ASSAYERS • ENGINEERS

DENVER 5, COLORADO

Folio 6856

Date July 3, 1956.

Mountain States Uranium Corporation,
7340 W. Colfax,
Denver, Colo.

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
Waste Dump Selected Rock Busley op. on open Pit:	0.187%						
Bin Rock Busley Bin " "	0.100%						
Busley truck loaded and standing in road by pit. Lia. 7-T 3854:	0.127%						

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

Charge $ ~~15.00~~

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

J.K.M.

Copy to Lessay bill file the ASSAYS in a file of a

700

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

FILE COPY
Initials:

NOV - 6 1956

Mr. James R. Manning, President
Mountain States Uranium, Inc.
7340 West Colfax Avenue
Denver 15, Colorado

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Dear Mr. Manning:

This is with reference to your letter, dated November 1, 1956, and attachments, in reply to our request, dated August 29, for additional information required to process your application.

In your letter of July 27 you suggested modifying your original proposed exploration program to one of driving a 300-foot adit drift on the Buffalo No. 1 claim along the Pine vein. Our letter of August 29 requested that you furnish "a map or sketch drawn to scale, which shows the location and width of the Pine Lode vein expsoures with sample locations, if any, assay values, and certified copies of assay certificates, also location of the proposed adit, all in relation to the boundaries of the Buffalo No. 1 and the Victory Lode mining claims." The map submitted with your letter, dated November 1, did not show the information requested, including the proposed work on the Buffalo No. 1 claim.

Further, we note that you propose to drill two 150-foot core-drill holes "at the top and Eastern end of the Pine Claim ---." In this connection, you should show on a map or sketch, drawn to scale, surface exposures of mineralization and sample locations, if any, with certified copies of assay certificates, and the location of the proposed drill holes, all in relation to the boundaries of the Pine claim.

In order to process your application with a minimum of delay, please forward one copy of the above information to Mr. W. M. Traver, 224 New Customhouse Building, Denver 2, Colorado, and three copies to this office.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FLKnouse/gla/izm 11-6-56
cc to: Docket
Code 700
Mr. Knouse
Admr.'s Reading File
DMEA Field Team, Reg. III (2)
Messrs. Crawford, 3643; THKiilsgaard, 5224; JOHosted, 3210, GSA

Mountain States Uranium, Incorporated
7340 West Colfax Ave. - BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.

RECEIVED NOV 2 1956 D.M.E.A.

November 1, 1956

United States Department of the Interior 140
Defense Minerals Exploration Administration
Washington 25, D.C.

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

Re: Docket No. DMEA-4352 (Uranium)
Buffalo #1 and Pine Claims
Boulder County, Colorado

Gentlemen:

This company desires to offer Amendment Number 2 to the above docket for the purpose of adding two 150-foot core drill holes, total 300 feet, at the top and Eastern end of the Pine Claim, adding $1,050.00 to the application total. Thisa addition is included in the revised cost estimate referred to below. This is done at the suggestion of your Administration in connection with DMEA-4373 (Your letter 31 August 1956 to this company), to keep all work proposed on The Pine claim under one DMEA docket number.

Reference is made to letter of August 29 and October 5, 1956, from your Administration on DMEA-4352. In reply to Paragraph two of letter 29 August 1956, transmitted herewith in triplicate requested map, drawn to scale, showing the location and width of the Pine Lode vein exposures with location of the proposed adit indicated, with a tie-in to a section corner, all in relation to the boundaries of Buffalo No. 1 and the Victory Lode mining claims. The principal exposure on the Pine Lode vein has a pitch of 45° to the East, to run in 20° Northeast. The strike of the vein runs 20° Northeast; the dip of the vein is 45° East. The exposure on the opposite end of the Pine claim is on another hilltop and not covered by this application to tunnel. The tunnel has been already started by this company, and at the 25-foot penetration line an apparent lead-silver vein 4 to 6-inches was struck, and assay reports on samples show .01 gold, .48 ounces Troy per ton silver, and lead 10.18%, good milling dirt. (copy attached) Further exploratory tunneling and sampling are being pursued to determine the value.

Transmitted herewith in triplicate also, is revised detailed cost estimate of the proposed modified program, reducing the tunnel to 300 feet and adding the two core drill holes, totaling $14,702.00.

This company is still interested in processing this application, and if there should be any further question or information required in connection with action thereon, we would appreciate being informed of what is required by long distance collect. Copy of this letter with map and revised estimates is being forwarded this same mail to Mr. W. M. Traver, Executive Officer, DMEA Field Team, Region III, New Customhouse Building, Denver 2, Colorado.

Respectfully submitted,

MOUNTAIN STATES URANIUM, INC.

James R. Manning

James R. Manning, President

Encls:
Map (in tripl)
~~Exposure descrip (in tripl)~~ (In Par 2)
Revised cost est. 10-13-56 (in tripl)
Assay

JRM:gb

cc to: W.M. Traver, Region III

MOUNTAIN STATES URANIUM, INCORPORATED
7340 West Colfax Avenue - Lakewood, Colo.

RECEIVED NOV 2 1955 D.M.E.

6. ESTIMATE OF COST, continued —

(e) Rehabilitation and Repairs		
Buying and moving buildings	$ 400.00	
Moving equipment	800.00	
Supply House	200.00	
		1,400.00
(f) New buildings, improvements, installations		
a. New power house	30.00	
b. Installing	20.00	
		50.00
(g) Miscellaneous	100.00	
a. Liability Insurance	185.00	
b. Payroll taxes	798.00	
		1,083.00
(h) Contingencies		
a. Steel Drill	100.00	
b. Drill Bits	35.00	
		135.00
Total Estimated Cost . . .		$ 14,702.00

2114 CURTIS STREET

TELEPHONE MAin 3-1852

CHEMISTS • ASSAYERS • ENGINEERS

DENVER 5, COLORADO

Folio 6923

Date October 30, 1956.

Mountain States Uranium Co.,
7340 W. Colfax Ave.,
Denver 15, Colorado.

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

DESCRIPTION	GOLD OUNCES PER TON	SILVER OUNCES PER TON	COPPER PER CENT (WET)	LEAD PER CENT (WET)	ZINC PER CENT	IRON PER CENT	INSOLUBLE PER CENT	VALUE PER TON
Sack Sample:	trace	trace						
Lead Streak:	0.01	0.48		10.18 ✓				

Gold at _____ per ounce Copper at _____ per unit

Silver at _____ per ounce Zinc at _____ per unit

Lead at _____ per unit _____

Charge $ 4.00

CHARLES O. PARKER & CO.

CHEMISTS, ASSAYERS and ENGINEERS

RECEIVED
5 1956
DMEB

MO[redacted] STATES URANIU[redacted]

7340 W. Colfax Ave.

LAKEWOOD, COLORADO

APPENDIX SHEET NO. 2 to MF-103 (Revised Oct. 13, 1956)

6. ESTIMATE OF COST $14,702.00

(a) Independent contracts: 300 Feet of core drilling at $3.50 per ft. $ 1,050.00

(b) Labor, supervision, consultants: 3 men working

	Wage per Day	Total Wages for 120 days	
a. Supervision (70 days)	$20.00	$1,400.00	
b. Labor	30.00	2,100.00	
c. Engineering & Geological - by the job		1,000.00	$ 4,500.00

(c) Operating materials and supplies (small equipment)

a. Power - to install	$ 1,000.00	
Power - per month $200 - 2-1/3 Months . .	466.00	1,466.00
b. Water		250.00
c. Fuel: 20 gals. a day @ $ .27 per gallon 1,400 gallons for 70 days		378.00
d. Powder and blasting supplies		975.00

(d) Operating Equipment (large)

a. Skip loader and ramp	$ 1,100.00	
b. Rails, fish plates & bolts	1,100.00	
c. 300 ft. 2" pipe w/fittings	185.00	
1000 ft. 1" pipe w/fittings	200.00	
d. Ventilating Fan	220.00	
e. Ventilating Pipe 300' @ 20¢ ft.	600.00	
f. Spikes 50 lbs.	10.00	
		3,415.00

name copy

700

F E Knouse
Ellis
Mittendorf

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

OCT - 3 1956

Mr. James R. Manning, President
Mountain States Uranium, Inc.
7360 West Colfax Avenue
Denver 15, Colorado

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Dear Mr. Manning:

Reference is made to our letter, dated August 29, 1956, relating to the captioned docket.

Action on your application is pending receipt of the information requested in the above-mentioned letter. If you are no longer interested in the processing of this application, please advise us.

Sincerely yours,

Everett M. Ellis, Chief
Rare and Miscellaneous
Metals Division

FEKnouse/gla
10-5-56
cc to: Docket
Admr.'s Reading File
Code 700, Mr. Knouse
DMEA Field Team, Region III (2)
Messrs. JECrawford, 3643
THKiilsgaard, 5224
JOHosted, 3210, GSA

R.C.S.

Original copy

700

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

Mr. James R. Manning, President
Mountain States Uranium Inc.
7340 West Colfax Avenue
Denver 15, Colorado

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Dear Mr. Manning:

This will acknowledge receipt of your letter, dated July 27, 1956, which concerns your request to modify your original proposed exploration program to one of driving a 300-foot adit drift on the Buffalo No. 1 claim along the Pine Lode Vein.

In this connection, you should furnish a map or sketch, drawn to scale, which shows the location and width of the Pine Lode Vein exposures with sample locations, if any, assay values, and certified copies of assay certificates, also location of the proposed adit, all in relation to the boundaries of the Buffalo No. 1 and the Victory Lode Mining claims. If possible, the map should show a tie-in to a section corner. In addition, please furnish a description of each exposure on the Pine Lode Vein, i.e., width, strike, dip, and mineralization. If samples were assayed, indicate for each sample the width of exposure that was sampled and describe how samples were taken. Also, a detailed cost estimate of the proposed modified program should be submitted.

In order to process your application with a minimum of delay, please forward one copy of the above information to Mr. W. M. Traver, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse Building, Denver 2, Colorado, and three copies to this office.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Miscellaneous
Metals Division

FLKnouse/ai 8-24-56
cc to: Docket
Admr. Reading File
Code 700
Mr. Knouse
DMEA Field Team, Region III (2)
Messrs. JECrawford, Rm. 3643
THKiilsgaard, Rm. 5224
JOHosted, Rm. 3210, GSA

8/3/56

Mountain States Uranium, Incorporated
7340 West Colfax Ave. . BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.
C. R. GARLAND, SEC.-TREAS.

RECEIVED
AUG - 3 1956

July 27, 1956

United States Department of the Interior 140
Defense Minerals Exploration Administration
Washington 25, D.C.

ATT: Frank E. Johnson, Acting Administrator

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Gentlemen:

Reference is made to letter of July 23, 1956 from your Administration on the above docket.

Replying to your first paragraph, our objective of our proposed exploration is a little different from your understanding of it apparently. We are not starting the tunnel on the bottom of The Pine Claim. The Pine Lode vein cropped out at the County road level and our proposal is to start on Buffalo No. 1 claim at the County road level, to drive the tunnel 300 feet through the Buffalo No. 1, and another 300 feet on into The Pine claim. We have 300 feet on Buffalo No. 1 BEFORE we get to the disputed area AT ALL. Buffalo No. 1 is OWNED by Mountain States Uranium, Inc., and photostatic copy of The Pine Claim lease was transmitted to the Denver Field Office by letter June 16, 1956, for attachment with our application.

In reply to your paragraph three, we submit that the Buffalos No. 1 through 6 belong to Mountain States Uranium, Inc. title CLEAR on them all. Photostatic copies of the filing of those claims was submitted with our application. Reference is made to the claims map which accompanied our application, which clearly indicates that there is 300 feet of this tunnel can be driven free and independent of any dispute or lawsuit of any kind. Further, Appendix No. 3 a, b, c, and f, of our application indicates Mountain States Uranium, Inc. clearly and legally holds the lease on The Pine, and that lease, page 4, paragraph 5, you will find also provides any necessary easement for ingress and egress. The conditions have been established by THIS company of the property end and side lines, by Paul M. Hopkins, Engineer, 2222 Arapahoe, Golden, Colorado; by Charles H. Harrington, Engineer, of Idaho Springs, Colorado; and also by Consulting Geologists Melbye and Merwin, of Golden, Colorado.

Further, how any other company could claim Operator's property rights under your Section 8 to qualify for aid in exploring property on which we had geology work done, survey work, title opinions, abstracts, lease, and work affidavits filed and recorded in Boulder County, Colorado, is beyond us. We submit to your Administration that there is every evidence of record; that Jamestown Uranium Company's application, or application by ANY other company for exploration on our claims was absolutely out of order, since

we had, were preserving and maintaining our interests strictly according to legal requirements under the mining laws, before proceeding with the extraction of ore. To our knowledge we ARE complying with Section 8, which you had marked to our attention, which can very readily be confirmed by checking public County records, and with the professional people enumerated heretofore, and by checking documents with our application. At the present time, the portal to Buffalo No. 1 tunnel is being constructed for the operation, and we will continue with this work by legal right. No one else owned the property when they applied for or received any loan, nor does now, and should be required to prove any such allegation that they do, and establish their boundaries.

The services of Harold H. Bloomenthal, Attorney-at-law, Denver Club Building, Denver, were retained May 10, by Mountain States Uranium, Inc. to prosecute a damage claim suit at law against Jamestown Uranium Company to recover for tarbonite uranium ore shipments, for trespassing and illegally withholding possession of The Pine claim under lease by this company continuously through their mining activities, only after every effort over a period of six months, to settle this between our companies peaceably, their attitude leaving this company no other alternative after every reasonable appeal and long patience.

Mountain States Uranium, Inc. is only applying for the same opportunity that Docket No. 4058 apparently must have offered on property disclosed by survey owned and/or leased by us, on which no others were entitled to apply for aid in the first place, because of their inability to meet the provisions of Section 8 as to property rights, which they should well know by clearly defined stakes required by mining law, as well as both verbal and written notices from this company quite likely during the same period their application was being processed, yet defied and disregarded. Where is the justice in jeopardizing this company because others do not know their property boundaries or refuse to take cognizance of professional survey findings?

It would appear to us, and we respectfully submit that the solution to Paragraph two of your letter as regards two separate contracts to perform work leading to the same objective in the area, is simply to press for qualification under the provisions of Section 8, of any equivalent application in the matter of property rights, and require proof thereof without further delay, or disposition of the application.

This company will be very happy to cooperate in giving your Administration or representative whatever written authority you may require, if any, to confer with our attorney, geologists, or surveyor, to establish our Operator's Property Rights under Section 8, of DMEA Order 1, now the question of two applications for contracts has arisen in your office to disclose their deficiencies in property rights. Photostatic copies of all our leases were supplied with our application and are already in your office, also evidence of ownership of The Buffalo claims.

MOUNTAIN STATES URANIUM, Inc. Dept. of Interior

Solely for the purpose of obviating deferring and delaying action on our application, mentioned in your last paragraph, and for no other reason, we offer to ammend our application to read 300 feet, beginning on Buffalo #1 claim at the County road level, instead of the total 600 feet of tunnel applied for, stopping short of the dispute line indicated on our map, the total of cost of which would be one-half, or $7,943.50. We would like very much to drive and explore that 300' of tunnel. This amendment should enable you to proceed with processing of our application regardless of what is done with DMEA-4058. We would appreciate being informed of any further questions or requirements necessary to expedite processing of our application without further delay.

Very respectfully submitted,

MOUNTAIN STATES URANIUM, INC.

James R. Manning

James R. Manning, President

JRM:gb

cc to: Denver Field Office

7-25-56

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

140

Indritz 7/17/56
Dwyer
J.E. Crawford
Ellis
Selfridge
Hosted
Kiilsgaard

RECEIVED
JUL 23 1956 JUL 25 1956

Mr. James R. Manning, President
Mountain States Uranium, Inc.
7340 West Colfax Avenue
Denver 15, Colorado

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine claims
Boulder County, Colorado

Dear Mr. Manning:

Reference is made to your application for Government aid to explore the Buffalo No. 1 and Pine claims in Boulder County, Colorado. It appears that the objective of your proposed exploration is to explore for uranium ore on the area near the bottom of the open pit on the Pine claim. This is virtually the same as the objective of the exploration work provided for under DMEA Contract Idm-2944 (Docket No. DMEA-4038) with the Jimtown Uranium Company (a partnership composed of A. I. Bailey and Clark H. Clark).

We would ordinarily not execute two separate and unrelated contracts with separate companies to perform work leading to the same objective in the area.

We understand that your company and Jimtown Uranium Company are now engaged in a lawsuit concerning the title and the right to possession of the area involved. Under our regulations (see attached DMEA Order-1, Amended) an operator must have, preserve, and maintain a sufficient interest in the land as owner, lessee, or otherwise for the purpose of the exploration contract.

In view of these considerations, we are deferring action on your application. If the dispute between your company and Jimtown Uranium Company is settled or otherwise terminated, we shall, in the light of the facts as they then appear, either give further consideration to your application or deny it.

PIndritz/emd 7/17/56
Copy to: DMEA Docket (2)
Adm. R. File
DMEA Field Team, Reg. III (2)
T.H.Kiilsgaard, Rm. 5224
J.E.Crawford, Rm. 3643
J.O.Hosted, Rm. 3210, GSA
Enclosure
E. W. Ellis
R.P.Dwyer
P.Indritz
chron.
pending

Mailed in field.

Sincerely yours,

Frank E. Johnson

ACTING Administrator

JIMTOWN URANIUM Co.

700 Docket surname copy

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

Mr. James R. Manning, President
Mountain States Uranium, Inc.
7340 West Colfax Avenue
Denver 15, Colorado

Re: Docket No. DMEA-4352 (Uranium)
Buffalo No. 1 and Pine Claims
Boulder County, Colorado

Dear Mr. Manning:

It appears from your application for Government aid to explore the claims listed above that the objective of your proposed exploration is to explore for uranium ore on the area near the bottom of the open pit on the Pine claim. This is virtually the same as the objective of the exploration work provided for under DMEA contract Idm-8944 (DMEA-4958) with the Jimtown Uranium Company (a partnership composed of A. I. Busley and Clark H. Clark). We would not ordinarily execute two separate and unrelated contracts with separate companies to perform work leading to the same objective in the area.

We understand, however, that your company and Jimtown Uranium Company are now engaged in a law suit concerning the title and the right to possession of the area involved. Under our regulations (see attached DMEA Order-1 Amended), an Operator must have, preserve, and maintain a sufficient interest in the land, as owner, lessee or otherwise, for the purpose of the exploration contract. Although the regulation authorizes the Administrator of DMEA to waive any deficiencies in the Operator's interest in the land when such action would be in the best interest of the Government, we would not do so in the circumstances here involved, unless the Operator could furnish us with a bond, from an acceptable surety company, to protect the Government's interest with respect to its possible lien on the area and the production therefrom under the exploration contract, or to insure that the Government's contribution will be repaid, if the litigation results in loss of the possessory right.

In view of these considerations, we are deferring action on your application. If the dispute between your company and Jimtown Uranium Company is settled or otherwise terminated, or the matters here discussed are otherwise satisfactorily resolved, we shall be glad to reopen consideration of your application.

Sincerely yours,

Administrator

copy to: Jimtown Uranium Co.

Pi/ FLKnouse/ emd/ai 7-10-56
cc to: Legal Div.
Admr. Reading File
Docket
DMEA Field Team, Region III (2)
Messrs. THKiilsgaard, Rm. 5224
JECrawford, Rm. 3643
JOHosted, Rm. 3210, GSA
Code 700
Mr. Indritz, Rm. 7347
Mr. Knouse

"Acting"

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

140

Indritz 7/17/56
Dwyer
F.L. Kuyan
Ellis
Selfridge
H. Johnson

20 JUL 1956

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

Re: Docket No. DMEA-4352 (Uranium)
Mountain States Uranium, Inc.
Buffalo No. 1 and Pine claims
Boulder County, Colorado

Docket No. DMEA-4058 (Uranium)
Jimtown Uranium Company
Victory, Lulu B., and Gold Leaf
Lode claims
Boulder County, Colorado
Contract No. Idm-2944

Dear Mr. Traver:

Reference is made to your memorandum of June 19 concerning Docket No. DMEA-4352. Reference is also made to our letter to you of May 22, your letter of June 5 to Mr. Busley of Jimtown Uranium Company, your memorandum to us of June 12, and our letter to you of June 25, concerning Docket No. DMEA-4058.

We believe that the Jimtown Uranium Company, the Operator under Docket No. DMEA-4058, should be given an opportunity, as suggested in our letter to you of May 22, to furnish a bond to protect the Government's interest. If Jimtown is unable to furnish such bond, then action on terminating its contract should be as stated in our letter of June 25.

We also believe that action on the application of Mountain States Uranium Company should be deferred until we decide whether to continue, modify, or terminate the contract with Jimtown Uranium Company.

Enclosed are two drafts of letters, one for your signature to Mr. Busley of Jimtown Uranium Company, and one signed by the Administrator to Mr. Manning of Mountain States Uranium, Inc. If these letters are satisfactory, would you sign the letter to Mr. Busley and date the letter to Mr. Manning before mailing?

Approved:

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

Thos. H. Kilsgaard
Member, Geological Survey (GCS)

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GCS)

PIndritz/emd 7/17/56 Copy to: DMEA Docket
Adm. Reading File
E. W. Ellis
Operating Committee
J.E.Crawford, Rm. 3643
T. H. Kilsgaard, Rm. 5224
J. O. Hosted, Rm. 3210, GSA
R. P. Dwyer
P. Indritz

R.C.

6/28/56

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

RECEIVED
JUN 28 1956

June 27, 1956

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee

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

Subject: Application for Assistance, DMEA Docket 4352, Mountain States Uranium, Inc., Boulder County, Colorado

I have reviewed the attached application for assistance, DMEA Docket 4352, Mountain States Uranium, Inc., Boulder County, Colorado, dated June 15, 1956 and received in this office June 20, 1956. I have also discussed it with Joseph O. Hosted, Washington representative of the Atomic Energy Commission.

The applicant proposes to drive a 1-percent grade tunnel some 600 feet with DMEA aid in order to explore for uranium. The total estimated cost of the project is $15,887.

Little supporting data are contained in the application but reference is made several times to an offering circular which is supposedly attached.

It would be desirable to have the Mountain State circular, mentioned under 4 (c) on Appendix Sheet No. 1 of the application, before a complete analysis can be made of Docket 4352.

John E. Crawford
John E. Crawford

Attachment

6/28/56

IN REPLY REFER TO:

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

RECEIVED
JUN 23 1956

~~July~~ 27, 1956
June

Memorandum

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

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

Subject: Review of application submitted by Mountain States Uranium, Inc., Boulder Co., Colo., DMEA Docket 4352.

The applicant proposes to drive 600 feet of adit to explore for uranium ore on the Pine Claim, the cost of the proposed work estimated at $15,887.00.

Ten or more cars of uranium ore are reported to have been produced from the Pine Claim, although the grade of this material is not known. The applicant does not describe the geology of the deposit, and with the limited maps he has presented it is impossible to determine if the proposed work will satisfactorily explore the deposit. The adit is to start at road level and pass 200 feet below the bottom of the Open Pit on the Pine Claim, but whether it will be drift or crosscut is not known.

The applicant is undoubtedly well known to the Field Team for I note that James R. Manning, President, formerly participated in a DMEA contract on Gold Bar Mines, Inc., Docket 2782, Contract Idm-E483. This project was unsuccessful in making a significant discovery.

I suggest that this application be sent to the field for a field examination and Field Team recommendations before it is given any further consideration by DMEA. The Field Team should be able to check with the AEC on the tonnage and grade of ore produced by the Jamestown Mining Company from the Pine Claim.

T. H. Kiilsgaard

T. H. Kiilsgaard

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

RECEIVED
JUN 21 1956

June 19, 1956

224 New Customhouse
Denver 2, Colorado

Memorandum

To: Chairman, Operating Committee, DMEA

From: Field Team, Region III

Subject: Application for DMEA aid (Uranium) Mountain States Uranium, Inc., (Buffalo No. 1 and Pine claims) Boulder County, Colorado

Enclosed are three copies of the subject application in the amount of $15,887.00. Also enclosed are the only copies submitted by the Applicant of the following:

1. Applicant's Lease on the Buffalo claims

2. Applicant's Lease on the Pine, Verna, Jean and Mamie claims

3. Map showing the location of the Buffalo and Pine claims.

Please note the discrepancy between the one copy of the map submitted by the Applicant showing the holdings of the Mountain States Uranium, Inc. in the Jamestown Mining District, Boulder County, Colorado and the sketch map which accompanies each application. The sketch map shows the Applicant's proposed tunnel would cross a part of the Victory claim before reaching its objective, the Pine claim.

The Victory claim is the claim subordinated under Contract Idm-E 944, Jimtown Uranium Company, on which work can not be done until the lawsuit is settled between the lessees of the Victory claim and the lessees of the Pine claim.

The Applicant was informed that we would forward his application to the Washington Office for docketing, but in view of the pending lawsuit, we doubt if the application could be further processed at this time.

For your information James R. Manning, President of the Applicant Company, was the President of the company under Contract Idm-E483, Gold Bar Mines, Inc. where an investigation was made of the murder of Harvey Zook, Secretary of the Gold Bar Mines, Inc.

DMEA Field Team, Region III

By W. M. Traver
Executive Officer

Enclosures

GEORGE G. PRIEST
DISTRICT ATTORNEY

OFFICE OF THE DISTRICT ATTORNEY

FIRST JUDICIAL DISTRICT
7320 WEST COLFAX AVENUE
LAKEWOOD, COLORADO

March 17, 1955

REGIONAL DIRECTOR'S
OFFICE
REGION III
MAR 17 1955
BUREAU OF MINES
DENVER, COLORADO

E 493

Mr. J. H. East, Jr.
Regional Director Bureau of Mines
Room 224 Custom Building
Denver, Colorado

RECEIVED
JUN 21 1956

Dear Mr. East:

I would appreciate it very much if you would allow this office to examine the files of the Gold Bar Mining Company. This request is made in the investigation of the murder of Harvey Zook in Clear Creek County on June 5, 1954.

The investigators in this office who are working on this case are:

Chief Investigator	B. Lewis Hawley
Investigators	R. J. MacDonald Vern Cline } 3/17/55 – 2 PST. M.

Thank you very much for your courtesy in this matter.

Very truly yours,

George G. Priest

GEORGE G. PRIEST,
District Attorney

GGP:rvp

NOTE

These men were in Traver's office 3/17/55 and spent approximately one hour viewing the files

June 21, 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

-4352 Mountain States Uranium, Inc.

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

June 21, 1956

Mountain States Uranium, Inc.
7340 West Colfax Avenue
Denver 15, Colorado

Subject: DMEA 4352
Re: Exploration Assistance
Pine Lode Patented Claim

Gentlemen

The receipt of your application dated June 15, 1956 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 4352 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

DMEA
Date Rec'd.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved. Budget Bureau No. 42-R035.2.

RECEIVED
BUREAU OF MINES JUN 21 1956
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. 4352
Metal or Mineral Uranium
Date Received 6/21/56
Estimated Cost $15,882.00
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: MOUNTAIN STATES URANIUM, INC. 7340 West Colfax Avenue, Denver 15, Colorado
Incorporated under the laws of the State of Colorado
James R. Manning, President, 1115 Main Street, Louisville, Colorado - President
Peter Nelson, 7000 West 32nd Avenue, Wheat Ridge, Colorado - Director
Mildred B. Parkhurst, Director, 1115 Main Street, Louisville, Colorado

(*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 Desire to drive a tunnel through Buffalo No. 1 under the Pine Claim property. Township 2 North, Range 71 E, Sections 19, 20, 29 and 30 Boulder County, Central Mining District (shown on maps).

(*b*) State any mine name by which the property is known. The Pine Lode Patented Claim

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise We lease the Pine. Buffalo No. 1 belongs to the company.

(*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. Lease attached

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. For Buffalo No. 1 -

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

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

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

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

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

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

(*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. (see appendix sheet)

(*c*) The work will start within 10 days and be completed within 4 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 appendix sheet)

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: See Appendix

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☒ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated JUNE 15, 1956

MOUNTAIN STATES URANIUM, INC.
(Applicant)

By James R. Manning
James R. Manning, 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

Mountain States Uranium, Incorporated
7340 West Colfax Ave. . BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.
C. R. GARLAND, SEC.-TREAS.

RECEIVED
JUN 21 1956

APPENDIX SHEET NO. 1 to MF-103

4. (a) Lumber delivered on the site to start the tunnel with. Ten or more cars of Tarbonite Uranium ore mined and shipped by Jamestown Mining Company before it was discovered it was being taken from the Pine Claim of the MOUNTAIN STATES URANIUM, INC. My interest is as President of the company. Mine workings very accessible for examination along side the main road

(b) Past production ten or more carloads Tarbonite Uranium - grades not known for reason given in (a) above.

(c) Mineralization occurs as a vein. Illustrated sketch page 4 of Mountain States Offering Circular (marked with red pencil). For ore deposits refer to Page 5. Refer to Page 5 for Central or Jamestown Mining District geologists valuation.

Reason for wishing to explore - hoping for pitchblende at water table.

Maps and sketches Pages 18, 19 & 20, also attached the latest engineers proposal tunnel. (Would like to have 2 pencil sketches back).

(d) Right on the main highway through Jamestown.
Shipping Point Boulder, Colorado (18 miles by truck to railhead)
Supplies Boulder, Colorado.
Residence points Jamestown, Boulder and Louisville.

(e) Manpower right at Jamestown
Materials, supplies and equipment at Boulder and Denver.
Water within 50 feet. Power 300-400' from main road. See estimate attached for cost of driving the tunnel.

5. (b) Propose to drive an estimated tunnel of 600 feet, starting from a point from the road level with a 1% grade, driving 600 feet. Tunnel should be 5' wide by 7' high. (Pencil sketch attached) continuing 20 NE with the vein that is shown on the road at the present time. It is shown on the drawing sketch.

(d) We completed a loan for the D.R.E.A. on the Martha E. property, which was known at that time as GOLD BAR MINE.

Operations will be supervised by James R. Manning, President, and/or Peter Nelson.

6. Estimated cost attached.

Mountain States Uranium, Incorporated
7340 West Colfax Ave. . BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.
C. R. GARLAND, SEC.-TREAS.

APPENDIX SHEET NO. 2 to MF-103

6. ESTIMATE OF COST $15,887.00

(a) Independent contracts: None

(b) Labor, supervision, consultants: Three men working

	Wage Per Day	Total Wages for 120 Days
a. Supervision	$20.00	$2,400.00
b. Labor	29.00	3,480.00
c. Engineering and geological - No day wage - By job		2,000.00
		7,880.00

(c) Operating materials and supplies:

a. Power to install $1,000.00

Power per month $200 - 4 Months 800.00

Total of Power . . $ 1,800.00

b. Water None

c. Fuel: 20 gallons a day @ $.27 per gallon

2,400 gallons for 120 days 648.00

(d) Operating Equipment:

a. Skip loader and ramp	$2,220.00
b. Rails	240.00
c. 600 ft. 2" Pipe	270.00
d. Ventilating fan	220.00
e. Ventilating Pipe - 600 ft. @ $ .20 per ft.	120.00
f. Spikes 50 lbs.	20.00
	$3,090.00

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6. ESTIMATE OF COST, continued—

(e) Rehabilitation and Repairs		
Buying and moving buildings	$ 400.00	
Moving equipment	800.00	
		$1,200.00
(f) New buildings, improvements, installations		
a. New powder	$ 30.00	
b. Installing	20.00	
		50.00
(g) Miscellaneous	$ 200.00	
a. Liability insurance	350.00	
b. Payroll taxes	394.00	
		$ 944.00
(h) Contingencies		
a. Steel Drill	$ 200.00	
b. Drill Bits	75.00	
		$ 275.00

Total Estimated Cost - $ 15,887.00

Mountain States Uranium, Incorporated
7340 West Colfax Ave. . BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.
C. R. GARLAND, SEC.-TREAS.

APPENDIX SHEET NO. 3 to MF-103

Questions No. 3 (b) and 3 (f):—

Surrounding properties owned and leased by Mountain States Uranium, Inc.:

OWNED

The Buffalo Claims Numbers 1 through 6—

	Book	Page
Buffalo No. 1	990	245
Buffalo No. 2	990	247
Buffalo No. 3	909	249
Buffalo No. 4	990	251
Buffalo No. 5	990	253
Buffalo No. 6	909	255

Transfer from Louis Gaz and William Brown to the Company

	996	564

LEASED

The Pine	996	565
Verna Jean	"	"
Mamie	"	"

Leased from William Filly

The Golden Grain	629	248

Leased from Harry E. Rhoades and Pearl Brown

The Lilly Lode	629	248

The Red Spruce Group - 10 Patented Claims and

Mildred B	909	313

Leased from Clark H. Clark

The Lehman Lode Mining Claim	629	229

Leased from R. E. Eartle

Mountain States Uranium, Incorporated
7340 West Colfax Ave. . BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.
C. R. GARLAND, SEC.-TREAS.

Appendix Sheet No. 3 to MF-103 (continued)

	Book	Page
Morris Sydow	990	318
Morris & Rena Sydow	1011	83

Mountain States Uranium, Incorporated
7340 West Colfax Ave. . BElmont 7-2331
Lakewood, Colorado

JAMES R. MANNING, PRES.
PETE NEILSON, VICE-PRES.
C. R. GARLAND, SEC.-TREAS.

Date Rec'd
JUN 18 1956
BUREAU OF MINES
Denver, Colorado

June 16, 1956

Defense Minerals Exploration Branch
Bureau of Mines - Department of Interior
Room 224
New Customs House
Denver, Colorado

RECEIVED
JUN 21 1956

RE: Form MF-103 Application for Aid in an Exploration Project - The Pine Claim And Buffalo #1 Claim, Jamestown Mining District, Boulder Co., Colorado

Gentlemen:

Reference is made to Application MF-103 Application for Aid in an Exploration Project, Pursuant to DMEA Order 1, Under the Defense Production Act of 1950, As Amended, in connection with Pine and Buffalo No. 1 Claim, Jamestown Mining District, Boulder County Colorado.

Further reference is made to Question No. 3 (f) there on. Transmitted herewith is photostatic copy of lease for The Pine Claim, Verna Jean and Mamie claims.

Attention is directed to Page 4, Paragraph 5 of the lease, concerning easement on all claims and on all properties leased by MOUNTAIN STATES URANIUM, INC.

Transmitted also is a map of all the claims leased by Mountain States, and the ones which the company owns, which are the Buffalos.

Should there be any further information required in connection with this application would you be good enough to telephone us immediately and we will take immediate action to supply it. We trust the enclosures will enable you to expedite action on our application.

Very respectrully,

MOUNTAIN STATES URANIUM, INC.

James R. Manning

James R. Manning, President

Encs. Lease
Map
JRM:gb

Book 990 Page 314

Recorded at 11:55 o'clock A. M., NOV 21 [illegible]

Reception No. 566125 MILTON E. TSCHICHE Recorder.

THIS INDENTURE, Made this 26th day of September, in the year of our Lord one thousand nine hundred fifty-five, between

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JUN 21 1956

LOUIS A GAZ and WILLIAM BROWN

of the County of Boulder and State of Colorado, part ies of the first part, and MOUNTAIN STATES URANIUM, INC. a Corporation

of the County of Boulder and State of Colorado, part y of the second part;

WITNESSETH, That the said part ies of the first part, for and in consideration of the sum of Ten ($10.00) Dollars and other good considerations, ~~in hand paid~~, to them in hand paid by the said part y of the second part, the receipt whereof is hereby acknowledged, have granted, bargained, sold, remised, released and forever quit-claimed, and by these presents do grant, bargain, sell, remise, release and forever quit-claim, unto the said part y of the second part, its ~~heirs~~ and assigns, the following described property, situate, lying and being in the Central Mining District, in the County of Boulder, and State of Colorado, to-wit:

The Buffalo # 1 Lode Mining Claim; the Buffalo # 2 Lode Mining Claim; the Buffalo # 3 Lode Mining Claim; the Buffalo # 4 Lode Mining Claim; the Buffalo # 5 Lode Mining Claim and the Buffalo # 6 Lode Mining Claim, all as described in the Location Certificates thereof, filed for record in the Office of the County Clerk and Recorder of Boulder County, Colorado, in Book 990 at pages 245, 247, 249, 251, 253, and 255 respectively, to which reference is hereby made, and by reference incorporated herein;

TOGETHER with all the dips, spurs, and angles, and all the metals, ores, gold and silver-bearing quartz, rock and earth therein, and all the rights, privileges and franchises thereto incident, appendant and appurtenant, or therewith usually had and enjoyed; and all and singular the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining, and the rents, issues and profits thereof; and all the estate, right, title, interest, claim and demand whatsoever, as well in law as in equity, of the said part ies of the first part, of, in or to the said premises, and every part and parcel thereof, with the appurtenances.

TO HAVE AND TO HOLD, all and singular, the said premises, together with the appurtenances and privileges thereto incident, unto the said part y of the second part, its successors and ~~heirs~~ assigns forever.

IN WITNESS WHEREOF, The said part ies of the first part have hereunto set their hand s and seal s the day and year first above written.

Signed, sealed and delivered in the presence of

Louis A Gaz [SEAL]

William Brown [SEAL]

[SEAL]

STATE OF COLORADO,
County of Boulder } ss.

The foregoing instrument was acknowledged before me this 26th day of September A. D. 19 55, by Louis A. Gaz and William Brown.

My commission expires March 11th., 1956. Witness my hand and official seal.

James D. Lewis
Notary Public.

M. H. MINING DEED. —Bradford-Robinson Ptg. Co., Mfrs. Robinson's Legal Blanks, 1824-46 Stout St., Denver, Colorado

Recorded SEP -7 1955 at 3:30 o'clock P. M. Book 940 Page 245
Reception No. 562416 Milton F. Tschiche, Recorder

No. 102. LOCATION CERTIFICATE—Lode Claim. —Bradford-Robinson Ptg. Co., Mfrs. Robinson's Legal Blanks, 1136-40 Stout St., Denver, Colorado

KNOW ALL MEN BY THESE PRESENTS, That LOUIS A. GAZ & WILLIAM BROWN

have located the BUFFALO #1 lode mining claim, and by this certificate, and by right of discovery and location, claim 1500 feet, linear and horizontal measurement along the vein thereof, with all its dips, angles and variations as allowed by law 500 feet on said vein running west from the center of the discovery monument and 1000 feet running east from the center of the discovery monument, together with 300 feet on each side of the middle of said vein at the surface, and all veins, lodes, ledges, deposits and surface ground within the lines of said claim, situate in CENTRAL Mining District, County of BOULDER, and State of COLORADO and described by metes and bounds as follows, to-wit:

Beginning at Corner No. 1 from whence corner #2 of the Pine Lode Patent (#483) bears N45°W a distance of 372 feet,
Thence 1500 feet due west to corner #2,
Thence 600 feet due south to corner #3,
Thence 1500 feet due east to corner #4,
Thence 600 feet due north to corner #1 the point of beginning.

Said lode was discovered on the 6th day of September, A. D. 1955
and located on the 6th day of September, A. D. 1955
Dated this 7th day of September, A. D. 1955

Louis A. Gaz [SEAL]
William Brown [SEAL]
[SEAL]
[SEAL]
[SEAL]
[SEAL]

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JUN 21 1956

(THIS MAP MUST BE ATTACHED TO LOCATION CERTIFICATE)

BOOK 990 PAGE 246

MAP OF BUFFALO #1 LODE

attached to and hereby made a part of the Location Certificate, which map is prepared from an actual field survey of said Lode Claim.

1. Name and Address of Discoverer of Claim:

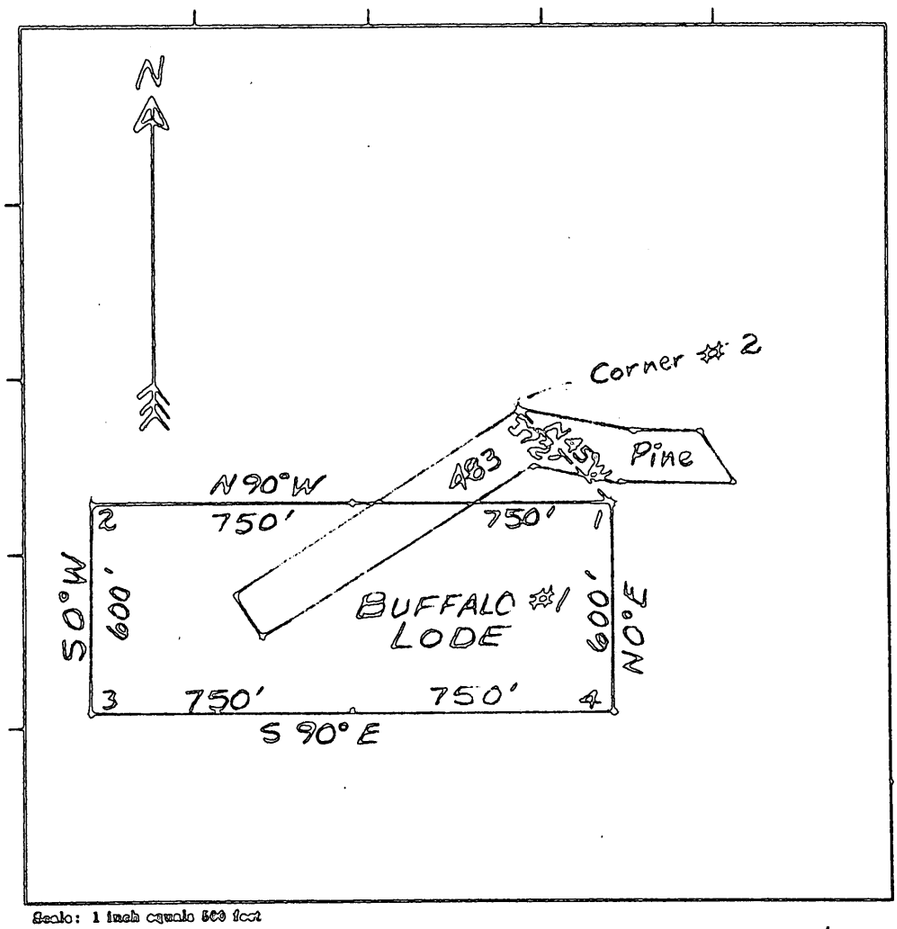
Name LOUIS A. GAZ

Address 1010 Vasquez
Golden, Colorado

2. Legal Subdivision of the land upon which the claim is located, if such land is surveyed:

Quarter of Section 19, 20, 29, & 30, Township 2N, Range 71W of the 6th P. Meridian, in the County of BOULDER, State of Colorado.

3. The claim pattern with courses and distances of the boundary lines is as follows:



Scale: 1 inch equals 800 feet

Dated at Golden, Colorado, this 6th day of September, 1955.

Louis A. Gaz (SEAL)

(SEAL)

(SEAL)

(SEAL)

(SEAL)

(SEAL)

LOCATOR

(THE CLAIM PATTERN MUST REFER TO THE NEAREST SECTION OR QUARTER SECTION CORNER OF PUBLIC LAND SURVEY, IF SURVEYED, OR TO A PERMANENT MONUMENT, IF NOT SURVEYED, BY WHICH THE CLAIM ON THE GROUND CAN BE READILY AND ACCURATELY ASCERTAINED.)

92-22-6A—Colorado Revised Statutes, 1953

No. 562416

COMPARED

~~Location Certificate~~ and Lode Location Map

On the BUFFALO #1 Lode Mining Claim of William Brown & Louis A. Gaz in CENTRAL Mining District, BOULDER County, State of Colorado.

STATE OF COLORADO, County of BOULDER } ss.

I hereby certify that this Lode Location Map was filed for record in my office at 3:35 o'clock P. M., Sept 7, 1955, and is duly recorded in Book 990 at Page 245.

Milton E. Jacobs
RECORDER

By Emma C. Jones
DEPUTY

Fee, $2.25 pd.

WHEN RECORDED RETURN TO

Louis A. Gaz
1010 Vaughn
Denver, Colorado

RECEIVED
JUN 21 1956

Dunkley Blue Print & Supply Co. Grand Junction, Colo.

18
BEULAH
PARA L.
RED SPRUCE
GOLD QUARRY
PAN AMERICAN
LIZZIE
EVA D
FLORENCE H
NONA B
MILDRED B
WAUBAN M.S.
WAUBAN
NORTH STAR
COINAGE
KLONDIKE
FREE
MAGNET
BUFFALO NO. 4
COLUMBINE
FARMER BOY
KEYSTONE
BUFFALO NO. 3
BUFFALO NO. 2
LILIE
GOLDEN GRAIN
LEHMAN
PALMER
19
BUFFALO NO. 6
BUFFALO NO. 5
N
MN
VERNA JEAN
MAMIE PINE
BUFFALO NO. 1
Jamestown Townsite
Jamestown Creek
TO BOULDER 17 MILES
RADIOMETRIC ANOMALY* or URANIUM OCCURRENCE
SCALE IN FEET
MOUNTAIN STATES URANIUM, INC.
HOLDINGS IN THE
CENTRAL — JAMESTOWN MINING DISTRICT
BOULDER COUNTY, COLORADO
RANGE 71 WEST
TOWNSHIP 2 NORTH

MOUNTAIN STATES URANIUM [illegible]
7340 W. Colfax Ave.
LAKEWOOD, COLORADO

Book 996 Page 565

Recorded NOV 21 1955 at 8:57 o'clock a.m.

Recording No. 506126 Milton E. Tschiche, Recorder

[illegible] day of October, 1955, [illegible] H. Elaine Rhoades and [illegible] Filey

[illegible] as Lessee, the [illegible] STATE HIGHWAY, [illegible], a [illegible] of Denver, Colorado, hereinafter referred to as Lessee.

[illegible]

[illegible] that he is the legal lessor and [illegible] of a certain lode mining claim known as the Pine Lode Pat# 483 Warner Lear Lode Book 873 page 595 and Hamme Book 990 page 257 [illegible] for which was filed for record on the ____ day of [illegible] Volume ____ at Page ____ of the Lode Mineral Records [illegible] County, State of Colorado, which lode mining claim [illegible] Section 19 & 20, Township 2N, Range 71 West, 6 P.M.,

[illegible], said Lessor is desirous of leasing said lode mining claim for [illegible] development and other mining operations for contemplated extracting of such commercial ore as may be found therein;

[illegible], the area embraced within the outer boundaries of said lode mining claim together with the properties round about are owned by Private owners except as to the mineral rights thereof;

[illegible], said Lessee is desirous of securing a mining lease on said lode mining claim for the purpose of mining operations thereon and, contemporaneously therewith, of securing from Lessors [illegible] the element of egress and ingress from a State Highway to said lode mining claim, the use of which is necessary for the contemplated mining operations on said lode mining claim and also for the purpose of dumping somewhere on the surrounding property owned by Lessors [illegible] from the contemplated mining operations not shipped therefrom;

[illegible], said Lessor, in consideration of the royalties hereinafter agreed to be paid and the covenants and agreements hereinafter expressed and by the Lessee to be kept and performed, hereby leases to Lessee the Pine Lode Pat# 483 Warner Lear Lode and Hamme [illegible] lode mining claim situated in the Central Mining District, as more particularly hereinafter described and located.

TO HAVE AND TO HOLD unto the Lessee for the term of ~~ten (10)~~ five (5) years from the date hereof, with the right of renewal for a further ~~ten (10)~~ five (5) years at the option of the Lessee unless sooner forfeited through the violation of any of the covenants hereinafter required to be performed by Lessee. LGG H.E.R.

In consideration of such lease, LESSEE COVENANTS AND AGREES WITH LESSOR AS FOLLOWS:

1. Lessee shall pay the Lessor a royalty of ten (10) per cent of the net returns of all commercial uranium ore produced, saved and marketed from said claim, including any bonus payments made by the Atomic Energy Commission. Net returns shall be determined by deducting development and haulage allowances. Lessee shall also pay to Lessor a royalty of ten per cent (10%) on net receipts from all other ores mined and shipped after deduction of transportation and treatment charges by any mill or smelter.

2. Lessee agrees to enter upon said demised property on or before the 1st day of Dec 1955 and to perform the necessary annual assessment work required under the mining laws of the State of Colorado and of the United States of America, and to file affidavits hereof showing the same as having been performed during the annual assessment years during the term of this lease or any renewal thereof.

3. Lessee further agrees to do and perform a reasonable amount of exploration work upon said claim. Such exploration work or other development work upon said property shall be not less than $1,000 each year of the term hereof.

4. Lessee's maps and records of all mining operations upon the demised property shall be available for Lessor's inspection upon request, but not more often than once each month; and the Lessor may enter said property at reasonable times for the purpose of inspecting the same, and Lessee shall facilitate such inspection in every reasonable way, but Lessor shall enter upon said demised property at Lessor's own risk and so as not to hinder unreasonably the operations of Lessee; and Lessor shall hold harmless the Lessee from any damage, claim or demand by reason of injury to or the presence of the Lessor or Lessor's agents or representatives or any of them on the demised property.

5. Lessee shall pay all general property taxes assessed on these properties plus the production taxes issued by the County of Boulder during the term of this lease.

6. Lessee shall comply with the Workmen's Compensation Laws of the State of Colorado and with Social Security, Unemployment Insurance, and all other State and Federal laws relative to Lessee's operations, and shall save Lessor harmless from any claim for damage or liability by reason thereof.

7. Lessee shall keep a printed notice on the demised property that the premises are leased to and operated by Lessee and that the interest of Lessor shall not be subject to liens by reason of Lessee's operations.

MUTUAL COVENANTS

IT IS MUTUALLY AGREED AND UNDERSTOOD by and between LESSOR and LESSEE:

1. The Lessor agrees to cooperate with the Lessee in any manner as to defining the exact location of said claim and in any other way to establish true boundaries of said claim. Lessee may cause said claim to be surveyed, and if surveyed by Lessee, Lessor shall reimburse Lessee in an amount not to exceed $100.00 for the expense of such survey from any royalty payments from ores extracted from said demised property.

2. Lessee shall have the right to surrender this lease at any time after Lessee has expended a minimum of $1,000 in drilling and exploration work. Such right to surrender after the full performance of this covenant may be exercised by giving Lessor at least thirty (30) days written notice of such intention to surrender sent by registered mail to Lessor; and upon such surrender or cancellation as hereinafter provided, Lessee shall have the right within a reasonable time thereafter to remove all of its machinery, equipment and personal property from said claim.

3. Upon violation by Lessee of any of the major covenants of this lease, the term thereof shall, at the option of the Lessor, expire and the same shall become forfeited to the Lessor, and Lessor or his agent may thereupon enter upon said mining claim and dispossess all persons occupying the same or, at the option of the Lessor, Lessee and all persons found in occupancy thereof may be proceeded against as guilty of unlawful detainer; PROVIDED, HOWEVER, that if said lease is declared forfeited upon the election of the Lessor by reason of the failure of Lessee to perform any major covenants hereof, Lessor shall give Lessee notice in writing by registered mail sent to Lessee at its regular post office address or to its assigns provided that the Lessee shall advise the Lessor of the assignee's name and address, notifying him or them of such failure to perform and setting out in such notice the substantial facts as to any such default or breach; and upon failure or refusal by Lessee or its assigns to cure or correct such default within thirty (30) days from the receipt of such notice, Lessee shall surrender and deliver up the possession of said mining claim and its rights under this lease shall thereupon cease and determine.

4. IT IS SPECIFICALLY UNDERSTOOD AND AGREED by and between the Lessor and the Lessee that Lessor, as part of the consideration of this lease, hereby grants unto the Lessee an option of a lease of similar terms upon all further lode mining claims located or otherwise acquired by the Lessor at any time within ten (10) years from the date hereof on any properties within a radius of ten (10) miles of the location of the above described mining claim.

5. IT IS FURTHER SPECIFICALLY UNDERSTOOD AND AGREED that Lessor will secure for the benefit of said claim and of said Lessee a right of way and easement of egress and ingress from State Highway to said property together with the right to dump somewhere on the surrounding property owned by said Lessors waste material from the contemplated mining operations not shipped therefrom said right of way and easement to be in favor of the Lessee.

IN WITNESS WHEREOF, this mining lease is executed in duplicate as of the day and year first above written.

H. Glenn Kelsch

William Tilley
Lessors

MOUNTAIN STATES URANIUM, INC.

By James R. Manning
President

COPY #2

To be returned to Mountain States Uranium, Inc., 7340 West Colfax Avenue, Denver 15, Colo.

Draft

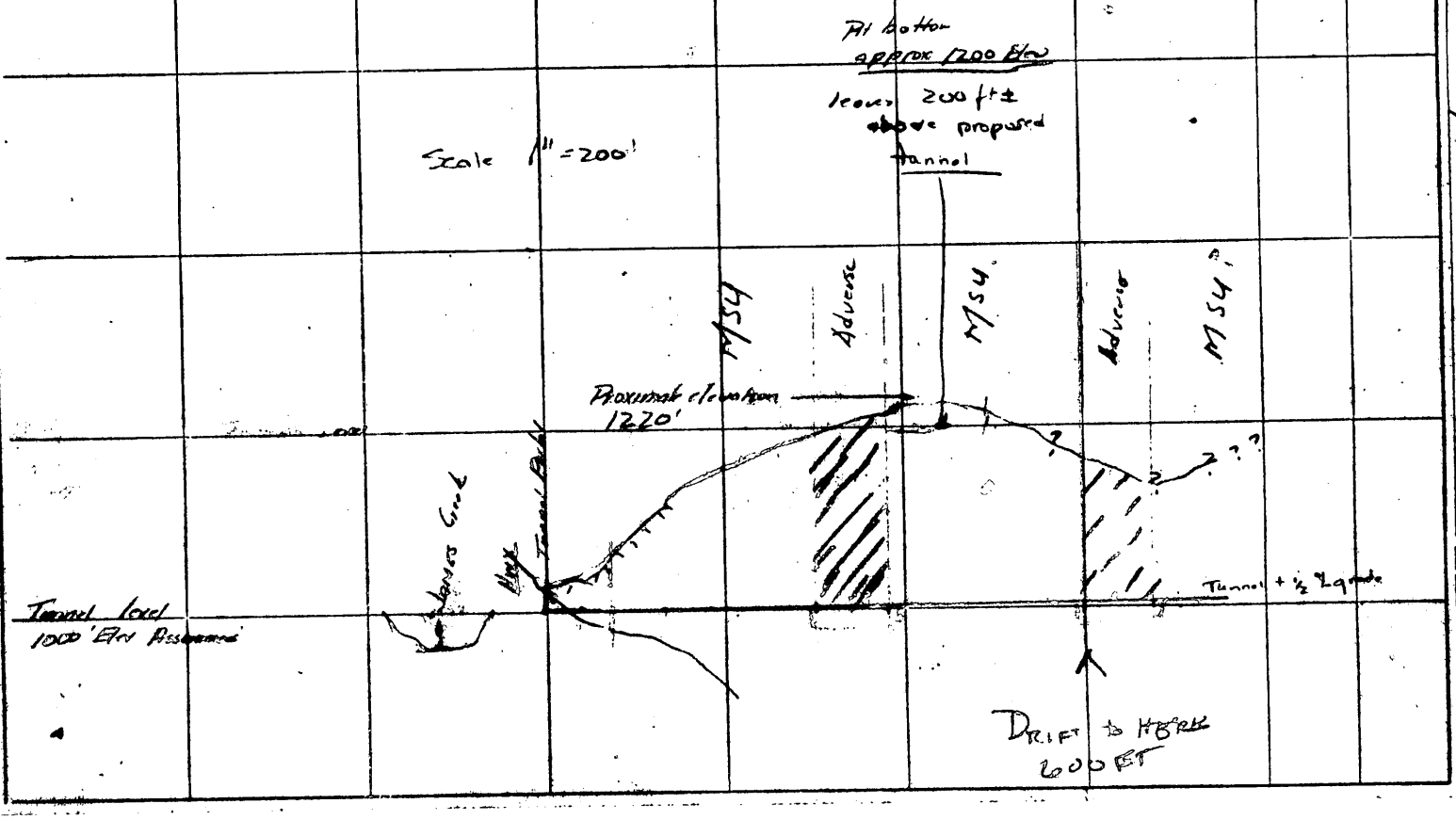
9 May 57

USE ⅓ □ AREA AS POSSIBLE ORE
4' WIDTH for ESTIMATE of AREA
for 600 ft drift LENGTH
25% Possible ore grade

80 000 ft below surface
poss. ore AREA × ¼ = 20 000 □F × 4 FT
thick = 80 000 cu ft rock × 1 TON / 14 cu ft =

5700 TONS ?? Possible

Scale 1" = 200'



X SECT A-A' - THE ALL SHOWING WATER TABLE & RIS

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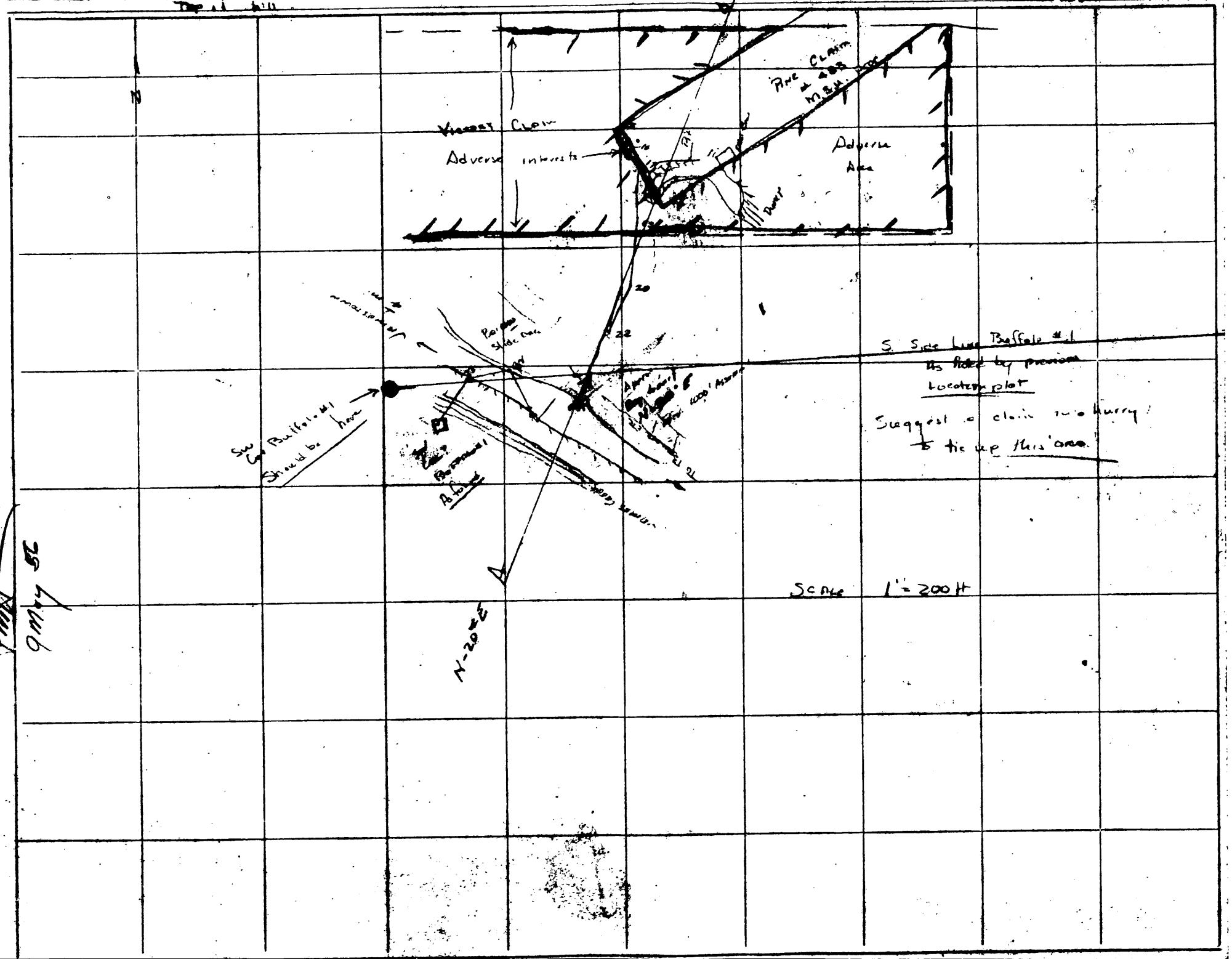
Location Plat Buffalo #1 Showing Rude Proposed tunnel site & open pit on Top of hill



COPY #1

To be returned to Mountain States Uranium, Inc., 7340 West Colfax Avenue, Denver 15, Colo.

9 May 56

RECEIVED
JUN 21 1956

566126

MINING LEASE

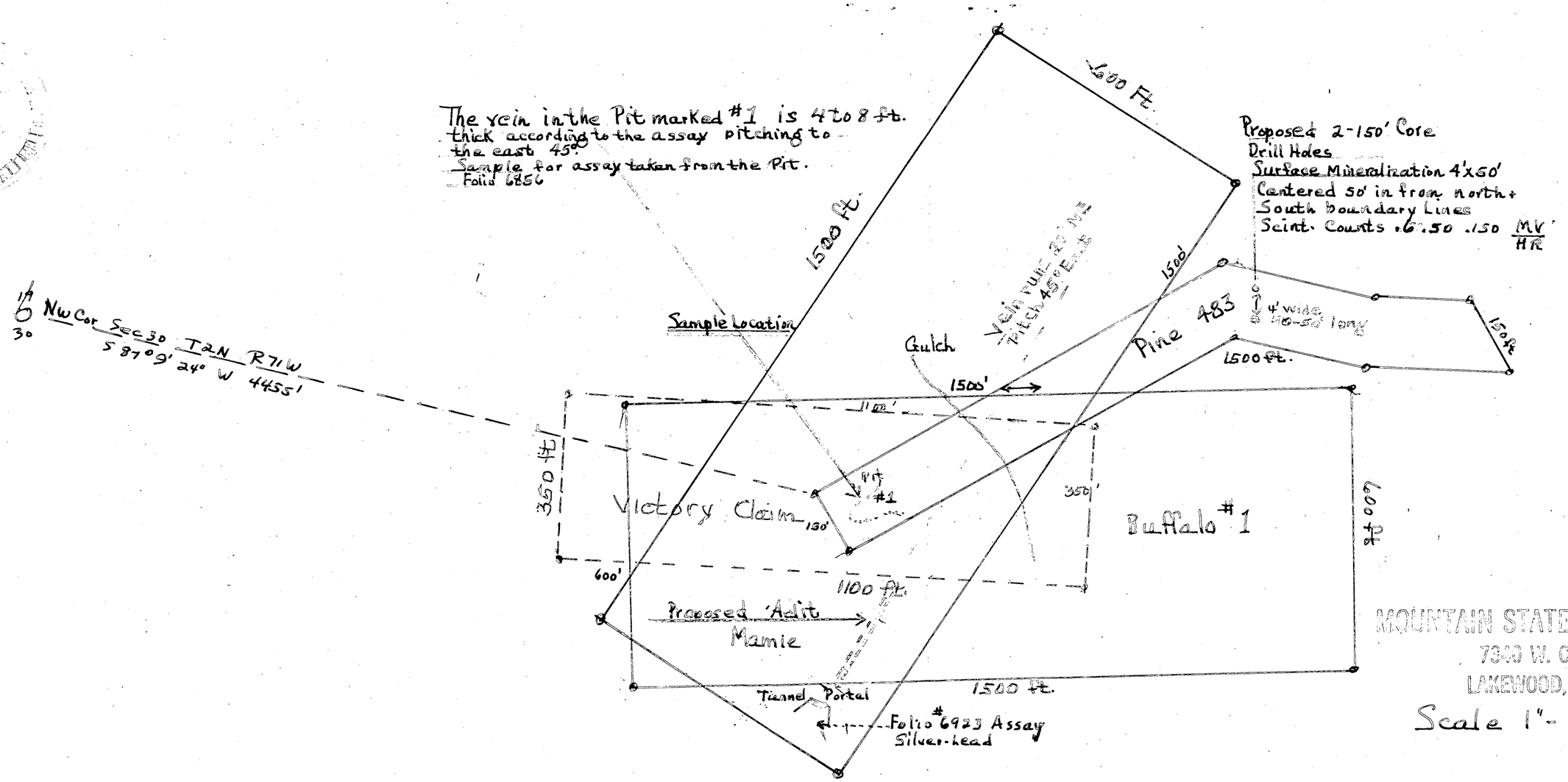
STATE OF COLORADO)
COUNTY OF BOULDER) S.S.

I hereby certify that this instrument was filed in my office at 11:56 o'clock A.M. Nov 21, 1955 and is duly recorded in Book 996 Page 565

(signed) Milton E. Tschichs

By Elma C. Davis
Deputy

Fees $5.15 paid

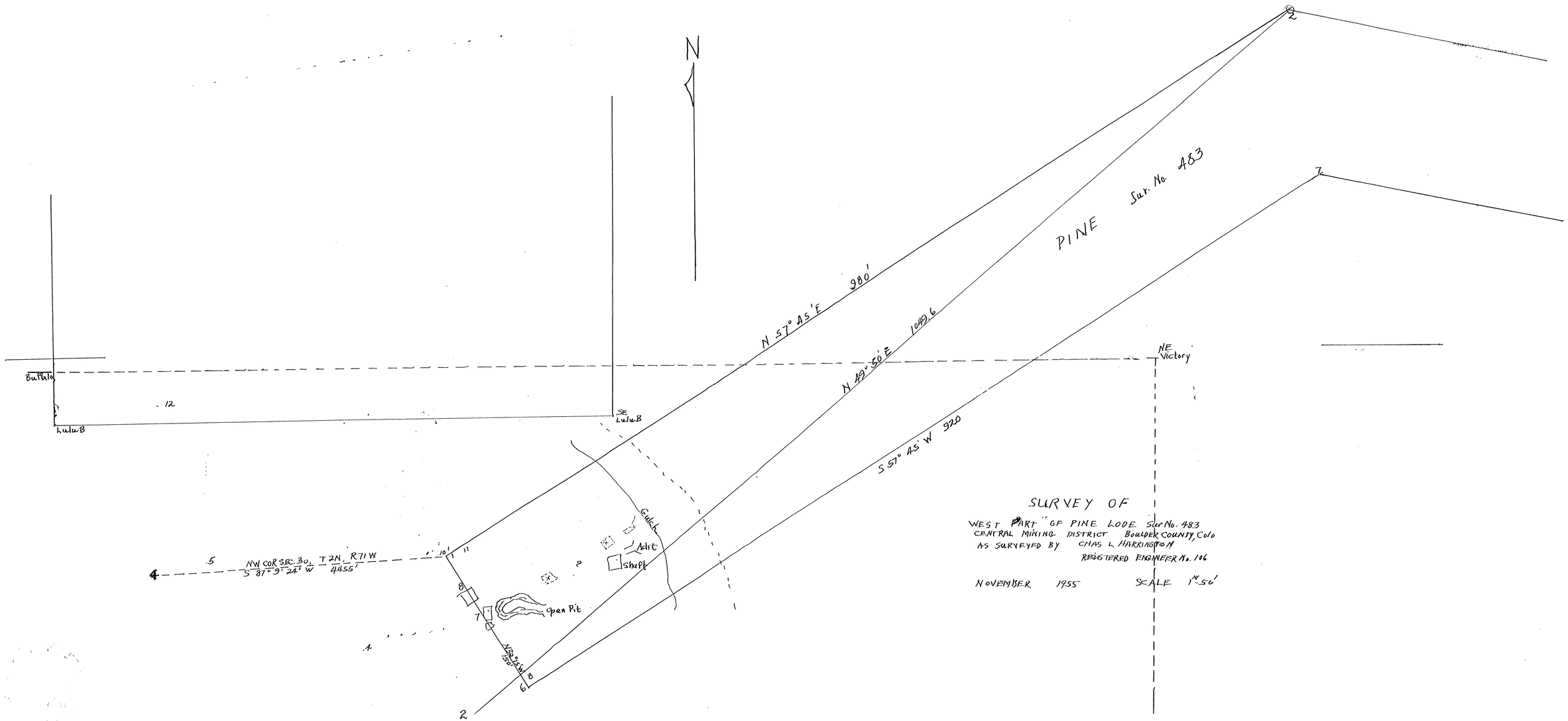

The vein in the Pit marked #1 is 4 to 8 ft.
thick according to the assay pitching to
the east 45°
Sample for assay taken from the Pit.
Folio 6856
1600 Ft.
1500 ft.
Proposed 2-150' Core
Drill Holes
Surface Mineralization 4'x50'
Centered 50' in from north +
South boundary Lines
Scint. Counts .6 .50 .150 MV/HR
Vein run 20' NE
Pitch 45° East
1500
4' wide
40-50' long
150 ft
Pine 483
1500 ft.
Sample Location
Gulch
1500'
1100'
Pit #1
350'
350 ft
Victory Claim
130'
Buffalo #1
600 ft
600'
1100 ft.
Proposed Adit
Mamie
1500 ft.
Tunnel Portal
Folio #6923 Assay
Silver-lead
1/4 NW Cor Sec 30 T2N R71W
30
S 87°9' 24" W 4455'
MOUNTAIN STATES URANIUM INC.
7340 W. Colfax Ave.
LAKEWOOD, COLORADO
Scale 1" - 200 feet.

OFFICIAL BUSINESS

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

APR 26 '56
COLO.
METER
1503072
72

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


N
PINE Sur. No. 483
N 57° 45' E 980'
N 49° 50' E 1049.6
S 57° 45' W 920
NE Victory
Buffalo
Lulu B
SE Lulu B
12
NW COR SEC. 30, T 2N, R 71 W
S 81° 9' 24" W 4455'
Gulch
Adit
Shaft
Open Pit
N 82° 45' W 150'
SURVEY OF
WEST PART OF PINE LODE Sur No. 483
CENTRAL MINING DISTRICT BOULDER COUNTY, Colo
AS SURVEYED BY CHAS L. HARRINGTON
REGISTERED ENGINEER No. 106
NOVEMBER 1955
SCALE 1" = 50'