FILE COPY
SURNAME:

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

Selfridge
Darnell
Mulder

March 24, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $15,000.00
Docket No. DMA 1764X - Nickel
Shamrock Silver-Lead Mine
Ferry County, Washington

The subject application was denied by this Division for the following reasons:

1. The applicant has no funds.

2. The applicant is incompetent.

3. The deposit is very low grade.

4. The questionable worth of more surface information.

A costlier project to secure information on the primary mineralization under the direction of a competent staff might be considered favorably.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

GCSelfridge'lm
3/24/52

cc: Admn. Reading File
Docket
G. C. Selfridge

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

March 24, 1952

Memorandum

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G. C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

1a.
2-8-52

400

FILE COPY
SURNAME:

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

Gentry
Selfridge
Hyden
Mayer
Hedges

FEB 8 - 1952

Mr. Morris Kline, President
Peter Bruce Mining Company
P.O. Box 629
Riverton, Wyoming

Re: Docket No. DMA 1764X - Tungsten
Peter Bruce Mining Company
Fremont County, Wyoming

Dear Mr. Kline:

Your application for aid for an exploration project and other data relating to your application available to us in Washington have been carefully reviewed.

This information, while noting a small amount of marginal ore on your property, indicates that, geologically, there is little probability of making a significant mineral discovery. We regret, therefore, to inform you that your application is denied.

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

Sincerely yours,

C. O. Mittendorf (fw) cc 2-8-52

Acting Administrator
Defense Minerals Exploration
Administration

GGGentry'lm
2/4/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. IV
G. C. Selfridge
G. G. Gentry

FILE COPY
SURNAME:

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

February 4, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $100,000.00
Docket No. DMA 1764X - Tungsten
Peter Bruce Mining Company
Fremont County, Wyoming

The subject application was denied by this Division for the following reasons:

1. Small and discontinuous occurrences of scheelite. Geologically, there is very little reason to expect a significant discovery would be made.

2. Results of previous examinations of the deposits by the U.S. Geological Survey and the U.S. Bureau of Mines were unfavorable.

3. No new discoveries have been made in the area since careful examinations were made in 1942-43 by the U.S. Geological Survey and the U.S. Bureau of Mines.

4. The tungsten deposits are small and are probably not commercial.

5. The application is apparently for production and is not applicable to the exploration program.

6. Applicant states that he is unable to concentrate his ore unless the Government helps put up such a concentration plant.

GGGentry'lm
2/4/52

cc: Admn. Reading File
Docket
G. C. Selfridge
G. G. Gentry

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

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

February 4, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration

From: Iron and Ferro-Alloy Division, Defense Minerals Exploration Administration

Subject: Denial of exploration project in the amount of $100,000.00
Docket No. DMA 1764X - Tungsten
Peter Bruce Mining Company
Fremont County, Wyoming

The subject application was denied by this Division for the following reasons:

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3. No new discoveries have been made in the area since careful examinations were made in 1942-43 by the U.S. Geological Survey and the U.S. Bureau of Mines.

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G. C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Feb.-1-1952

Mr. R. W. Geehan, USBM
Room 3521-Interior Bldg.

Re: Docket No. DMA 1764-Tungsten
16 Mining Claims in
Fremont County, Wyoming

Dear Mr. Geehan:

Attached hereto please find copies of data pertaining to the Subject Docket. Will you please let us have your opinion on this property.

Sincerely yours
G. C. Selfridge, Acting Chief
Iron and Steel-Alloy Division

By: Coleman G. Selfridge

Enclosures:

Denial
signed
by Geehan
2/6

D. Lemmon 1764- { Scheelite, Tantalite, Columbite, Beryl

1-copy orig & letter Klein to Rose
1 - Report by R.M. Roe Chem Eng (Mineralogic Data) dated 1941
1 - letter G/S from Keim
1- M7103
1. Assay sheet - 4/17/51-
2- Maps photostats

in Copper Mountain Area Fremont Co. Wyo.

4/24
2/11

See M7103 - item 16 - a, b, + c, Reports RI 4629 and previous exams by USBM + USGS
/ - item 18 and 20

This Application has been held up since filed June 29- on matters of more detailed information as to detailing of mining, etc. + apparently has never been reviewed. -

Personally, if you concur, I think it should go to the field team, who can make the necessary ~~changes~~ amended application to cover the details of the mining program - ~~Then~~

Seems like the Ta, Cb + Be possibilities should ~~probably~~ be investigated. - as we can ~~at~~ amend the application, but not the one occurrence

GHB

IN REPLY REFER TO:

G-MD-DML

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

January 31, 1952

Memorandum

To: George Selfridge, DMEA

From: D. M. Lemmon, U.S.G.S.

Subject: Loan application $100,000 DMA 1764-X Tungsten
Peter Bruce Mining Co.
(Morris Kline, Pres.)
P.O. Box 629
Riverton, Wyoming

Property: The following 16 claims in secs. 21, 22, 23, 26, 27, and 28, T. 40 N., R. 93 W., 6 P.M.
Copper Mountain Mining District
Fremont County, Wyoming
Quien Sabe Nos. 1 and 2,
Hoodoo and Hoodoo No. 2
Double Eagle Nos. 1 and 2
Searchlight Nos. 1 and 2
Jay and Kay Nos. 1 and 2
Rainbow Nos. 1, 2, and 3
Aurora Nos. 1, 2, and 3

Proposal: The expenditure of $100,000 over a two-year period as follows:

a. Labor, 8 men at $12 per day, 6 day week, 8 months per yr., 2 yrs.	$ 36,864
b. Supervision - One superintendent	10,000
c. Repairs	3,000
d. New buildings	5,000
e. Equipment: Compressor, Jack hammer, drills, etc.	3,000
Stationary engine	1,000
Jeep	1,500
Truck (2½ ton)	3,500
Tractor	4,000
Crusher, 25-ton	10,000
Crusher, 1-ton	1,500
f. Rental equipment	1,000
g. Supplies	7,500
h. Power and utilities	3,000
Total	$ 90,864
Contingencies	9,136
Grand Total	$100,000

copy for file remarked.

The applicant gives no description of the project other than to state that he will mine tungsten, beryl, feldspar and tantalum. He states that there is an "unlimited quantity of ore running in content from one to five percent" of WO_3. No plan is presented for concentration and marketing the ore; a request is made for a government-owned ore purchase depot nearby.

Past work by Geological Survey:

In 1942 S. W. Hobbs mapped the Romur and Hoodoo Creek groups of tungsten claims and examined other scheelite occurrences in the vicinity. In 1943, geology was reviewed of properties that were explored by the Bureau of Mines or others. The mapping showed that the scheelite prospects are located in parts of a band of metamorphic rocks 3.5 miles long and 0.5 to 1.0 mile wide. The metamorphic rocks, consisting of schist and gneiss, are cut by basic dikes and by granite pegmatite. Most of the scheelite is in lenses of epidote-zoisite-quartz-garnet rock in gray schist, but some of it is in quartz veins and in dark green or black schist. All the deposits are small and discontinuous, and none of them are extensively developed.

The content of WO_3 in ore that can be sorted or mined selectively is fairly high. Five ore shipments aggregating 176 tons were made in 1942-44 to the ore purchase depot of Metals Reserve Co. at Salt Lake City. Content of WO_3 in the shipments ranged from 1 to 3 percent and averaged 2.2 percent. None of this ore came from the Peter Bruce property.

Inasmuch as the deposits are small and scattered, the cost of exploration and mining is high per ton of ore, and offsets the favorable grade of ore. A sufficient tonnage to justify a mill in the district was not found, and marketing of crude ore was not profitable because of high cost of production and cost of shipment to custom mills in Colorado or Utah.

Tantalite and Beryl

The tantalite and beryl pegmatites were examined August 4-28, 1942 by J. D. Love and J. B. Hanley (U.S.G.S. Prof. Paper 227, pp. 109-112, 1950). They mapped the Whippet No. 8 prospect which is the same as the Quien Sabe and Double Eagle claims shown on Kline's claim map. They state that these pegmatites contain the largest quantity of tantalite in the region, and also contain beryl. At least 250 pounds of tantalite were sold from them. In the principal pegmatite, the part that contains the tantalite is about 200 feet long and as much as 2 feet thick. The tantalite content, based on visual estimates and past production, probably is 1 pound of tantalite in each ton of rock.

The tantalite and beryl content of these pegmatites is insufficient to make ore.

Past work by the Bureau of Mines:

The Bureau of Mines in 1942-43 drove an adit 109 feet on the Comet claim, sampled the Stardust claim, and examined other deposits in the region. The reserve of tungsten ore in 15 prospects in the district was estimated at 7,000 tons averaging 0.9 percent of WO_3 and ranging in grade from 0.5 to 1.8 percent (War Minerals Report 338, 9 pp., 1945). Details of the work on the Comet and Stardust claims are given in R.I. 4629 (Investigation of Romur Tungsten Deposits, Fremont County, Wyoming, 9 pp., January 1950).

According to War Minerals Report 338, p. 8, the estimated ore reserve on the Quien Sabe claims (nucleus of the group now held by Mr. Kline as the Peter Bruce Mining Co.) amounts to 170 tons averaging 1.0 percent of WO_3, distributed in 4 outcrops with a total length of 100 feet and an average width of 2 feet. The ore was projected to a depth of 10 feet beneath. the outcrops.

Conclusions:

1) The tungsten prospects of the Copper Mountain district have possibilities for production of only small amounts of tungsten. Only small-scale exploration projects might be warranted because the expectable targets are small. The principal occurrences are not on the Peter Bruce property.

2) Careful examination by the Geological Survey of the claims now held by the Peter Bruce Mining Co. showed that the tantalite and beryl pegmatites are submarginal. The tungsten deposits are small and consequently probably non-commercial. The tungsten mineralization is not in pegmatite, but is in entirely separate deposits which require separate mining operations.

3) The claims held by the Peter Bruce Mining Co. are staked over older locations and may not be valid.

4) The application is for a production loan, not exploration.

5) The applicants are inexperienced in mining and have no competent mining adviser. The application is poorly prepared from the viewpoint of outlining a mining project.

6) The applicants failed to reply satisfactorily to Mr. Holderer's letter of July 9 requesting a definite exploration proposal.

7) No new discoveries have been made in the area since careful examinations were made in 1942-43 by the Geological Survey and Bureau of Mines. Another field referral is unnecessary.

Recommendation

It is recommended that the application be denied because no valid exploration project was submitted and because results of previous examinations of the deposits by the Geological Survey and Bureau of Mines were unfavorable.

Dwight M. Lemmon

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

G-ND-DKL

January 31, 1952

Memorandum

To: George Malfridge, DMA

From: D. M. Lemmon, U.S.G.S.

Subject: Loan application $100,000 DMA 1764-E Tungsten
Peter Bruce Mining Co.
(Morris Kline, Pres.)
P.O. Box 629
Riverton, Wyoming

Property: The following 16 claims in secs. 21, 22, 23, 26, 27, and 28, T. 40 N., R. 93 W., 6 P.M.
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Fremont County, Wyoming
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Proposal: The expenditure of $100,000 over a two-year period as follows:

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b. Supervision - One superintendent	10,000
c. Repairs	3,000
d. New buildings	5,000
e. Equipment: Compressor, jack hammer, drills, etc.	3,000
Stationary engine	1,000
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Grand Total	$100,000

The applicant gives no description of the project other than to state that he will mine tungsten, beryl, feldspar and tantalum. He states that there is an "unlimited quantity of ore running in content from one to five percent" of WO_3. No plan is presented for concentration and marketing the ore; a request is made for a government-owned ore purchase depot nearby.

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Recommendation

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D.M. Lemmon

DMLemmon:gt

Copies to: Director's read. file
Branch read. file
Jim Norton

COPY

PETER BRUCE MINING CO.
P.O. Box #629
Riverton, Wyoming

August 9th, 1951

Mr. Robert R. Rose, Jr.
Assistant Secretary
U. S. Department of Interior
Washington, D. C.

Dear Mr. Rose:

I am just in receipt of a letter from my brother-in law, Nat Novick of Casper, Wyoming, in which he advised me that he has had a couple of letters from you relative to my Defense Minerals Loan #DMA 1764X.

Please be advised that I also wrote to Senator Joseph O'Mahoney about two weeks ago, just after I received the letter from Mr. Holderer under date of July 9. I went into quite some detail giving Senator O'Mahoney, a complete picture of my entire application I did so because I know the Senator has a personal knowledge of this particular area. In addition, I know that he is very much interested in any mining project in Wyoming that would help the war effort.

As I explained in my letter to Mr. O'Manohey, the information Mr. Holderer asked for is practically all answered in a pamphlet put out by the Bureau of mines relative to offsetting land to my own, on Copper Mountain. I would also suggest that you have Senator O'Mahoney show you the correspondence above referred to.

The items above mentioned are all of a highly technical nature and refer mainly to the lay of the land, the dips, degrees of drift, length of proposed tunnels etc. I tried to answer all of the questions asked and I might also refer you to my answers thereto. I would suggest that you have Mr. Holderer prepare a list of concrete questions that he desires me to answer and in that way, I will know exactly what he has in mind.

I would like to avoid the necessity of hiring a consulting enginaer to answer these questions for me. This should probably involve the importation of such a person from - possibly Denver - to Copper Mountain, involving a considerable sum. I would prefer to spend the same amount in ore recovery which is what the government wants. However, if you think same is absolutely necessary, I will do so.

I know that the Government wants Tungsten as fast as it is possible to recover same and that is what we also wishhto do. In order to do this in a hurry, it

Mr. Robert R. Rose Jr.

is necessary that we have modern mining machinery and that is the idea of the loan. Everyone knows that mining is an expensive operation and very few individuals are in a financial position to do any mining on a commercial basis.

I have called the attention of Mr. Holderer and also Senator O'Mahoney, to the fact that there is no concentration mill in the entire State of Wyoming - the nearest points are Boulder, Colorado and Salt Lake City, Utah, both approximately four hundred (400) miles away. It is my thought that the State of Wyoming is entitled to and should have a place wherein Tungsten could be stockpiled and a small mill or concentration plant erected somewhere in the vicinity of Shoshonie, Wyoming, at which point two railroads converge.

For your information, we trucked a sample loan of our tungsten ore down to one of the mills near Boulder, Colorado. It has been there over sixty (60) days and they still have not had time to run same through their plant. It may be two or three months or more, before they can get to it. Also wish to advise you that the mill in Salt Lake City that Mr. Holderer referred us to, will not accept lots of less than five hundred (500) tons. My sole idea in advancing this information, is to show you our physical inability to have our ore concentrated elsewhere. Therefore, if the government wants any Wyoming Tungsten ore concentrated, it must help us put up such a plant here in Wyoming. This is also, one of the reasons for the loan because there is such a crying need for a plant in the Copper Mountain area.

I have tried to give you the facts relative to our application for the aforesaid loan and I will appreciate any help or suggestions in connection with the rapid consumation of same. Thanking you for your interest in this matter, I am,

Respectfully yours,

PETER BRUCE MINING COMPANY

Morris Kline, President

MK/rg

dmw 1764X

Casper, Wyo.
July 25, 1941.

Mr. Morris Kline, Pres.
Quien Sabe Mining Syn.
Riverton, Wyo.

Dear Sir:

At your request, the writer has made a preliminary investigation of the minerals found on the claims of the Quien Sabe Mining Syn. about eighteen miles north east of Shoshoni, Wyo.

The filing of these claims shows them to be in T 40 N R 93 W 6 in Fremont County Wyoming. They lie chiefly in SW ¼ of section 21 but extend into sections 22, 27 and 28.

The claims are located along a pegmatite dike which strikes east and west for about 5000 feet at dips very steeply to the north. The dike varies in thickness from about 5 feet at the west to about 80 feet at the east. Portions of the country rock have been eroded leaving the dike exposed in numerous places; It is from these exposed portions of the dike and from test holes that specimens were taken.

At the extreme western end of the group of claims is a showing of muscovite mica which extends about 200 feet on either side of the prospect hole; As this mica is the result of metmorphism along the edge of the dike the mica showing should improve with depth (within reason), and extend a much greater distance along the dike.

Associated with the muscovite is beryl and feldspar. The beryl crystals are pale green and greenish blue in color, varying in size from less than half an inch to several inches in diameter. The felspar is of the plagioclase type, and carries both microcline (potash felspar) and albite (soda felspar). At the eastern end of Quien Sabe number 2 the felspar is altered to petalite and associated with it is lepidolite.

Columbite and tantalite crystals are found in "pockets" throughout the dike. With the specific gravity of these minerals as a criteri of purity, the specimens ranged from almost pure columbite gravity 6.24, to almost pure tantalite gravity 7.80. One specimen of this group of minerals has been identified by the writer as tapiolite, whi contains only traces of columbium. Most of the specimens had a gravity of about 7.4 indicating a high percentage of tantalum.

Associated with these minerals is found quartz, some crystal clear, and perthite.

Of particular importance at the present time are the minerals beryl and tantalite.

The beryl is used in the manufacture of air plane alloys and should be considered as essential to National Defense.

The tantalite is used in the chemical industry and in the manufacture of high speed tool steels, and is also important in National Defense.

Further exploration may bring to light the minerals apatite and cassiterite, as these are commonly found in pegmatite dikes.

An intrusive pegmatite dike, such as the one on which the Quien Sabe Mining Syn. claims are located, and with the minerals mentioned previously, offers great possibility for long term mining.

The possibility of open pit or "glory hole" mining should be considered as a means of exposing the ore bodies cheaply and quickly.

Only test drilling and further exploration will prove the extent of the deposits.

With the suggestion that you contact the head of th National Advisory Committee on National Defense for this district, I remain,

Very truly yours,

Robert M. Roe.

Robert M. Roe.
B.Chem. Cornell Univ. 1928.

FILE COPY
SURNAME:

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

Lemmon
Selfridge

July 9, 1951

Mr. Morris Kline
Peter Bruce Mining Co.
P. O. Box 629
Riverton, Wyoming

In reply please refer to
DMA 1764X Tungsten

Dear Mr. Kline:

We have reviewed your application for an exploration project to cost $100,000 on the Quien Sabe, Hoodoo, and other claims in the Copper Mountain district, Fremont County, Wyoming.

The information you have given is not in sufficient detail to permit evaluation of your proposal. A copy of the exploration contract, Form MF-200, is enclosed herewith to show you what exhibits must be provided for all exploration proposals. Exhibit A is very important, and must show by maps and careful description precisely what exploration is proposed. The location and length of proposed trenches, the location and depth of shafts, drifts, or adits, and the location, inclination, and depth of core drill holes must all be shown. Your answers to questions 21, 22, and 23 of the exploration application are not adequate to provide the necessary exhibits.

Your estimate of costs includes some production equipment, including 2 crushers, items which are not applicable to exploration.

The Government is not buying low grade ores because the tungsten in them is not usable until it has been concentrated to 60% WO_3. Unfortunately, the known reserves in the Copper Mountain district are too small to warrant erection of milling facilities. At the present time it might be possible to ship ore to custom mills at Salt Lake City or at Boulder, Colorado. It is believed that the H and S Mill in Salt Lake City will currently accept tungsten ores.

We are considering your application solely from the viewpoint of tungsten, which requires 25 percent financial participation on your part. If you wish to make concrete proposals about beryl and tantalum, you should also submit more detailed evidence that these materials might be found in commercial quantities.

Very truly yours,

George B. Holderer
for
George B. Holderer
Chief, Tungsten Branch

DMLemmon:bl

CC: Adm. Reading File
Reports & Records
Mr. Holderer
Field Team
Mr. Lemmon
Files

Enclosure

Page 1764

856

FILE COPY
SURNAME:

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

July 2, 1951

Mr. Morris Kline, President
Post Office Box 629
Riverton, Wyoming

Subject: DMA-1764X
Re: Exploration Loan -
Quien Sabe #2, Hoodoo Claims

My dear Mr. Kline:

Receipt is acknowledged of your application and attachments of June 25, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1764X and referred to Mr. George Holderer, Chief, Tungsten Branch on June 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1764X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓ File
Holderer
Lyon

DMA 1764

258

dma 1764X

PETER BRUCE MINING CO.

P. O. BOX ~~351~~ 629
RIVERTON, WYOMING

OFFICE OF
MORRIS KLINE
PRES.

June 25, 1951

Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Gentlemen:

I'm enclosing herewith all the papers which I think are necessary for processing a $100,000.00 government aid loan in the mining of Tungsten, Beryl, Feldspar, Tantalum and etc. This is in connection with a loan for the Peter Bruce Mining Company of Riverton, Wyoming. I have tried to assemble the material that I thought would be necessary in enabling you to process the loan.

I wish to again refer you to a Bureau of Mines Report #4629, under the title "Investigation of the Romur Tungsten Deposits of Fremont County, Wyoming", by United States Geologists, Eugene Frey and Stephen R. Wilson. We have so much in common due to the fact that our property offsets their claims that it will make easy for you to verify our statements.

However, if there is any information or data that we have failed to include, kindly feel free to ask us for same. In my estimation, our most urgent need is a mill and concentration plant in the vicinity of Shoshonie or Riverton, Wyoming. In addition, if the government would see fit to establish a stock piling program in this same area, there is no doubt of the success of same. It would immediately create an incentive for all the various small operators to begin mining operations.

Also, please note that I have outlined in red, the limits of the various claims owned by our company.

Thanking you for your consideration in regarding our application for the above loan, I am,

Respectfully yours,

PETER BRUCE MINING COMPANY

Morris Kline

Morris Kline, President

MK/rg
Atts.

dma 1964X

JOHN S. ROACH

EDWARD ROACH

LEWIS & WALKER

ASSAYERS AND CHEMISTS

SHIPPERS' REPRESENTATIVES

Drawer 1980

Phone 3982

108 North Wyoming Street
BUTTE, MONTANA

Date April 17, 1951

Mr. G. L. Jay (for Peter Bruce Mining Co.)
Riverton Wyoming.

Your Sample Assayed as Follows:

	OZS. PER TON	OZS. PER TON	VALUE PER TON AT $35 PER OZ.	%	% Tungsten	%	%	%	%	%
	SILVER	GOLD	GOLD $ CTS.	COPPER	~~[illegible]~~ WO_3	ZINC	SILICA	IRON	MANGANESE	
1-					2.93					
2-					0.98					

rges $ 10.00
id $ 6.00
$4.00

Respectfully Submitted

Lewis & Walker

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 17648

Date received 6-29-51

Participation

Peter Bruce Mining Co.
(Morris Kline, Pres.)
P.O. Box 639
Riverton
Wyoming.

Name and address of applicant

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Date June 25 1951.

FILL IN THIS BLOCK

Date of application May 25th 1951.

Estimated cost $ 100,000.00

Mineral or metal Tungsten, Beryl, Felspar, Tantalum, etc.

Percentage of Government participation 75 and 90%

Location of mine Fremont County, Wyoming.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your share of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Pecos Drace Mining Co.
(Name of company)

By Morris
(Signature of authorized official)

May 23 1951
(Date)

President
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

1

A partnership which we intend to incorporate.

2

Morris Kline - Cheyenne and Riverton, Wyoming
G. L. Jay - Riverton, Wyoming

3

Not Incorporated

4

G. L. Jay
Forty years experience as prospector, miner and mine owner in Montana, Utah and Wyoming. Has also owned and operated several other businesses of his own in connection with meeting the public - Real estate, Eating houses. Also served as Deputy Sherrif for three or four years. Mr. Jay is a robust man of 67 years of age with a pleasing personality.

Morris Kline
Present owner of 37½% of Klines Stores of Cheyenne and Casper, Wyoming. Also operated Klines Store of Riverton for several years and sold out about three years ago. Has many diversified property and other interests in Riverton, Casper and Cheyenne. Just recently disposed of Fremont Credit Corporation of Riverton, Wyoming, which operated a Real Estate, Insurance and Investment business. Has had experience including newspaper, banking, oil and mining. Present age - 60 years and is considered an agressive successful business man thru out the state of Wyoming.

5

We are the applicants of lode claims, who have filed on U. S. land and intend to patent same later.

6

No liens or encumbrances of any kind.

7

Operator as shown in section 5

8

Morris Kline - Financial Statement attached
G. L. Jay - Financial Statement attached

9.

Any necessary amounts within reason and ability to pay.

10.

The Property
Located in Fremont County, Wyoming T./40North, Range 93 West, Sections #21, #22, #27, #28. Maps are herewith attached.
b. Intend to work, prospect and mine entire area

11.

Part of the former property was known as Union Mine Syndicate now all owned and controlled by the Peter Bruce Mining Company.

12.

These claims are located about eighteen (18) miles northeast of Shoshone, Wyoming which is served by the Chicago, Northwestern Railroad Company and also fifteen miles Northeast of Bonneville, Wyoming which is serviced by the Chicago and Burlington and Quincy Railroad Company. A travelled county road, which is used all year round runs right up to the ranch at the foot of these claims. A U. S. mine access graveled road runs through both ends of the claims.

13.

This area is traversed by Voodoo and Tough Creek, which run water the year round. There is also a reservoir on one end of the property and another one could be constructed on the other end of same. Moysen Dam electric power is about ten miles distant and the power transportation line will probably be built within two to three miles of this property. However, think Concentration Plant or Mill should be built in vicinity of Shoshone, Wyoming where unlimited power and water facilities are available. Ore can be easily trucked to this point.

14-

Already have one Superintendent's cabin on property in addition to two State approved Dynamite Houses. Also have several wooden cabins on property and vicinity which can be rented.

15-

At present, the nearest place of Concentration of Tungsten is above Boulder, Colorado - about 350 miles from Shoshone, Wyoming. The road to Boulder is an Oiled U. S. Highway and traveled the year thru.
However, the Boulder area has more local Ore than they can handle and they are trying to increase their own plant facilities in order to handle their own needs.
Wyoming has no Tungsten Concentration plant of any kind and if one was established in the Shoshone area, several other Tungsten operators would immediately begin Tungsten operations. There is

15- cont'd

more than enough Scheelite ore available to run a mill for several years. That is our objective, namely, to mine our own ore and also operate a concentration mill at a profit and aid our sorely needed war shortage for Tungsten ores.

16.

We have operated these properties in a small way for the past twelve years - mostly as a matter of prospecting and finding out the types of ore on our various claims.

a. During World War #2, we were just ready to get under way as the U. S. Grazing Department had completed some mine access roads when the war ended and price of Tungsten was reduced so low that we could not afford to mine and ship to nearest point of Concentration, namely, The U. S. Vanadium Smelters at Salt Lake City, Utah.

b. During this same period, the Bureau of Mines made a loan to the Stardust and Comet, groups operated by Messrs Somerson and Muirhead. Complete data on this project is written up by L. H. Mesloughlin, Eugene Troy and Stephen R. Wilson - under Bureau of Mines Report of Investigations #4,679 under the title " Investigation of the Honur Tungsten Deposits of Fremont County, Wyoming." Our claims lay directly south of the Honur claims and about one quarter to one half mile distant.
Another operation by the name of the Keahey Development shipped three carloads of about one hundred tons to the Salt Lake City plant also, but the high cost of railroad transportation consumed most of the profits. The Keahey claims offset us on the north.

c. We have had one Bureau of Mines examination and also one by the U. S. Geological Survey. At the time of their examinations, we were only concerned with the prospecting of Tantalum, Columbium, Beryl, Feldspar and Mica. At that time, 1939 to 1941, we were unaware of the fact that Scheelite existed on our claims and made no effort to locate same. Since then, we have done considerable prospecting at night with the aid of ultra violet lamps and have been successful in locating various claims we now operate. Copy of mining report by Engineer Robert L. Moe is attached.

17. (1, 2 & 3)

1) The mine is not in production although we have sampled over twenty five tons of ore and the reason for non operation was due to U. S. low price of ore plus high cost of moving to points of available concentration.

18.

a. As stated heretofore the original ores sought were Tantalum Columbite, Beryl, Mica and Feldspar. At a later date we found evidence of immense deposits of Scheelite ranging from 1% to 10% contents of WO3 - copy of one recent assay was 2.93% of WO3 and one sample that would not even flouesce under an ultra violet lamp showed .93 of 1% Scheelite. In our opinion there is an unlimited quantity of ore running in content from one to five percent.

19.

We share the opinion of every mining man who has looked at the property, namely - it needs more exploration but there is no question that the many foregoing mentioned strategic minerals are located on our claims. They simply need exploration, further prospecting andrecovery.

20.

a. Tantalum and Columbite
b. Beryl
c. Feldspar
d. Mica
e. Scheelite (Tungsten)
f. Copper (?) small showings

21.

Think that we can open up our various deposits in less than two years.

22.

Assay reports and engineer report is attached and made part of this report. Actual sample of various ores are also ~~attached~~ being forwarded by Parcel Post.

23.

a.	2 Year Program - Eight (8) men at $12.00 per day, 6 day week Eight months labor each year	36,864.00
b.	One Superintendent (Mine	10,000.00
c.	Necessary Repairs	3,000.00
d.	New Installations (Buildings	5,000.00
e.	Compression - Jack Hammer - Drills etc.	3,000.00
	Stationery - Engine	1,000.00
	Small Jeep (also to be used as Superintendent Car	1,500.00
	Two and a half ton Truck	3,500.00
	Catapillar Tractor	4,000.00
	Large 25 ton Crusher	10,000.00
	Small one ton Crusher	1,500.00

23 continued

f.	Rental Equipment	1,000.00
g.	None	-0-
h.	Powder and Dynamite Caps etc. and other necessary supplies	7,500.00
i.	Cost of Power, Water, Utilities etc.	3,000.00
	TOTAL	$ 90,364.00
	RESERVE FOR CONTINGENCIES	9,136.00
	GRAND TOTAL	$100,000.00

24.

Expect to take two years time to complete the above schedule and project should be on a profitable and self sustaining basis ahead of schedule.

Approximate...

Financial Statement
of

MORRIS KLINE 6/25/51

ASSETS.

Real Estate (Store building , Riverton Wyo.)	$ I2,500.00
" " (Duplex Apartment, " "	I2,500.00
" " (200 acres irrigated land near Pavillion Wyoming)	I5,000.00
Cash in banks	I2,000.00
U.S.Bonds	3,000.00
37½% interest in Klines Store at Casper and Cheyenne Wyoming.	85,000.00
Total	$ I40.000.00

LIABILITIES

Real estate mortgage on store building at Riverton Wyoming.(payable at ($ I,000.00 per annum)	$ 5,000.00
Other liabilities	NONE
NET WORTH	$ I35,000.00

SIGNED Morris Kline

Note.

Due to Mr. G.L.Jay being out of the State temporarily, am unable to give youa financial statement of G.L.Jay but I would say that he is conservatively reputed to be worth from $ I5,000.00 to $ 20,000.00.

MKS

LIST OF MINING CLAIMS
belonging to

THE PETER BRUCE MINING CO.
P.O.BOX 629
RIVERTON WYOMING.....

Quien Sabe #1
Quien Sabe #2
Hoodoo
Hoodoo #2
Aurora #1
Aurora #2
Aurora #3
Rainbow #1
Rainbow #2
Rainbow # 3
Double Eagle #1
Double Eagle #2
J. and K. #1
J. and K #2
Searchlight # 1.
Searchlight # 2

TOTAL OF 18 CLAIMS.

Abstract DMA 1764 X

Peter Bruce Mining Co —

app - June ~~18~~ 29 - 1951 — $100,000 —

For WO_3, BeO, Ta, Feldspar etc —

Assay sheet — #1 - 2.93 WO_3, #2 = 0.98% WO_3

7/9 - Request for Information

7/25 - Mine Report by R.M. Roe, Chem Eng principally on Mica, Beryl + Ta_2O_5

8/9 - Follow up of letter of 7/9 by Holderer

8/9 - letter from App via Rose, asst Secy Dept I., citing government publication, but does not answer Holderer

8/21 - Ans to above 8/9 by Tom Lyon — again, quietly, asking for the essential data

No further correspondence

FILE COPY
SURNAME:

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

G. E. C. Lyon Schroeder

Memorandum

AUG 21 1951

To: Assistant Secretary Robert E. Rose, Jr.

From: Acting Administrator, Defense Minerals Administration

Subject: Loan Application 176bX

I have your memorandum of August 17 on the above subject. The status of this Defense Minerals Loan application has been investigated. The applicant is requesting $100,000 for the purpose of exploring his property. Considerable correspondence has taken place between the Ferro Alloys Branch of the Supply Division and the applicant. To date we have been unable to get sufficient information from the applicant to process his application. Another letter is being addressed to him today, copy of which is attached, explaining fully the necessity for the answers to the questions asked.

Under the regulations it is necessary to obtain certain criteria before a loan can be recommended. Without complete information, particularly as to what the applicant intends to do with the money he has requested, we are absolutely helpless.

I trust this will answer your questions regarding Mr. Morris Kline's application.

Mr. Kline's letter to you is returned herewith.

W. C. SCHROEDER

BJ 8/22

Attachment.

Acting Administrator.

TLyon:gko

cc - Administrator's Reading File
DMA Docket Files
Reports and Records
Mr. Holderer
~~Mr.~~ Mr. Lyon
Asst. Secretary Rose

Dictated 8/21/51

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

300

Memorandum

AUG 21 1951

To: Assistant Secretary Robert E. Rose, Jr.

From: Acting Administrator, Defense Minerals Administration

Subject: Loan Application 1764X

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Acting Administrator.

TLyon:gkc

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DMA Docket Files
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Mr. Holderer
~~Kline~~ Mr. Lyon
Asst. Secretary Rose

Dictated 8/21/51

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

300

About Aug. 21, 1951

Mr. Morris Kline
President
Peter Bruce Mining Company
P.O. Box 629
Riverton, Wyoming.

DMA 1764X

Dear Mr. Kline:

I have just read your letter of August 9, addressed to Mr. Robert H. Rose, Jr., Assistant Secretary, Department of the Interior.

Being a business man I am sure you will understand why we must have certain information before we can recommend a loan of Government money amounting to $100,000. In your application you have merely stated the amount of money necessary to carry on a two-year exploration campaign. You have sent us ownership maps of your property. It would be a simple matter for you to take a large-scale map of the area you intend to prospect and sketch on, in pencil, what you had in mind doing, whether or not you anticipated that open trenches would have to be dug before you could decide what your underground workings would be, or whether you have sufficient information to indicate where a shaft should be sunk or a tunnel should be driven; also how far would these workings extend.

As far as the information contained in the pamphlet issued by the Bureau of Mines is concerned, this is on an entirely different area and would not enable us in any way to tell what your two-year exploration program might be.

I regret very much that a decision on your application has been held up, but we are bound by certain regulations and unless we have the information necessary to comply with these regulations, we are absolutely helpless. We are awaiting your early reply giving us the desired information.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

TLyon:gkc
cc - Administrator's Reading File
Mr. Holderer
Reports and Records
DMA Docket Files
Asst. Secretary Rose

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

300

Mr. Morris Kline
President
Peter Bruce Mining Company
P.O.Box 629
Riverton, Wyoming.

DMA 1764X

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Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

TLyon:gkc
cc - Administrator's Reading File
Mr. Holderer
Reports and Records
DMA Docket Files
Asst. Secretary Rose

Mr. Morris Klimo
President
Peter Zenon Mining Company
P.O.Box 629
Riverton, Wyoming.

DMA 1764X

Dear Mr. Klimo:

I have just read your letter of August 9, addressed to Mr. Robert R. Rose, Jr., Assistant Secretary, Department of the Interior.

Being a business man I am sure you will understand why we must have certain information before we can recommend a loan of Government money amounting to $100,000. In your application you have merely stated the amount of money necessary to carry on a ten-year exploration campaign. You have sent us somewhat maps of your property. It would be a simple matter for you to take a large-scale map of the area you intend to prospect and sketch on, in pencil, what you had in mind doing, whether or not you calculated that open trenches would have to be dug before you could decide what your underground workings would be, or whether you have sufficient information to indicate where a shaft should be sunk or a tunnel should be driven; also how far should these workings extend.

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Very truly yours,

Tom Lyon
Tom Lyon
Director, Supply Division

TLyon:gko
cc -- Administrator's Reading File
Mr. Heldgrer
Reports and Records
DMA Docket Files
Asst. Secretary Rose

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

300

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AUG 21 1951

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From: Acting Administrator, Defense Minerals Administration

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W. C. SCHROEDER

Attachment.

Acting Administrator.

TLyon:gke

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DMA Docket Files
Reports and Records
Mr. Holderer
~~Kikm~~ Mr. Lyon
Asst. Secretary Rose

Dictated 8/21/51

UNITED STATES
DEPARTMENT OF THE INTERIOR

300

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Mr. Morris Kline
President
Peter Bruce Mining Company
P.O.Box 629
Riverton, Wyoming.

DMA 1764X

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Very truly yours,

Tom Lyon
Tom Lyon
Director, Supply Division

TLyon:gkc
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Mr. Holderer
Reports and Records
DMA Docket Files
Asst. Secretary Rose

OFFICE OF
ASSISTANT SECRETARY

UNITED STATES
DEPARTMENT OF THE INTERIOR
WASHINGTON

Ans'd 8/21/51
T. Lyon

AUG 17 1951

Memorandum

To: Dr. W. C. Schroeder, Acting Administrator
Defense Minerals Administration

From: Assistant Secretary Rose

Subject: Defense Minerals Loan--DMA 1764X

I am attaching a letter from Peter Bruce Mining Company written by Morris Kline, President. This is the latest of a series of correspondence that I have had from Mr. Kline and you will note that he refers in his letter of August 9 to letters written by him to Senator O'Mahoney. I have been in contact with Mr. Holderer as regards this question and he will be able to show you the file and bring you up-to-date on the status of the case.

I am not in any way prepared to discuss the things that Morris Kline has neglected to do insofar as filling out his DMA forms are concerned, but it does occur to me that here is a small operator a long way from Washington and simply at a total loss to know how to proceed. I hope that we will be able to make clear to him what he must do and give him the aid that is necessary to his properly completing the forms required by DMA.

I would like to have you look into the matter and consult with me at your earliest convenience. I would also appreciate your returning the attached letter to my office.

Robert R. Rose, Jr.
Assistant Secretary

attachment

COPY

PETER BRUCE MINING CO.
P.O. Box #629
Riverton, Wyoming

August 9th, 1951

Mr. Robert R. Rose, Jr.
Assistant Secretary
U. S. Department of Interior
Washington, D. C.

Dear Mr. Rose:

I am just in receipt of a letter from my brother-in law, Nat Novick of Casper, Wyoming, in which he advised me that he has had a couple of letters from you relative to my Defense Minerals Loan #DMA 1764X.

Please be advised that I also wrote to Senator Joseph O'Mahoney about two weeks ago, just after I received the letter from Mr. Holderer under date of July 9. I went into quite some detail giving Senator O'Mahoney, a complete picture of my entire application I did so because I know the Senator has a personal knowledge of this particular area. In addition, I know that he is very much interested in any mining project in Wyoming that would help the war effort.

As I explained in my letter to Mr. O'Manohey, the information Mr. Holderer asked for is practically all answered in a pamphlet put out by the Bureau of mines relative to offsetting land to my own, on Copper Mountain. I would also suggest that you have Senator O'Mahoney show you the correspondence above referred to.

The items above mentioned are all of a highly technical nature and refer mainly to the lay of the land, the dips, degrees of drift, length of proposed tunnels etc. I tried to answer all of the questions asked and I might also refer you to my answers thereto. I would suggest that you have Mr. Holderer prepare a list of concrete questions that he desires me to answer and in that way, I will know exactly what he has in mind.

I would like to avoid the necessity of hiring a consulting engineer to answer these questions for me. This should probably involve the importation of such a person from - possibly Denver - to Copper Mountain, involving a considerable sum. I would prefer to spend the same amount in ore recovery which is what the government wants. However, if you think same is absolutely necessary, I will do so.

I know that the Government wants Tungsten as fast as it is possible to recover same and that is what we also wish to do. In order to do this in a hurry, it

Mr. Robert R. Rose Jr.

is necessary that we have modern mining machinery and that is the idea of the loan. Everyone knows that mining is an expensive operation and very few individuals are in a financial position to do any mining on a commercial basis.

I have called the attention of Mr. Holderer and also Senator O'Mahoney, to the fact that there is no concentration mill in the entire State of Wyoming - the nearest points are Boulder, Colorado and Salt Lake City, Utah, both approximately four hundred (400) miles away. It is my thought that the State of Wyoming is entitled to and should have a place wherein Tungsten could be stockpiled and a small mill or concentration plant erected somewhere in the vicinity of Shoshonie, Wyoming, at which point two railroads converge.

For your information, we trucked a sample loan of our tungsten ore down to one of the mills near Boulder, Colorado. It has been there over sixty (60) days and they still have not had time to run same through their plant. It may be two or three months or more, bef re they can get to it. Also wish to advise you that the mill in Salt Lake City that Mr. Holderer referred us to, will not accept lots of less than five hundred (500) tons. My sole idea in advancing this information, is to show you our physical inability to have our ore concentrated elsewhere. Therefore, if the government wants any Wyoming Tungsten ore concentrated, it must help us put up such a plant here in Wyoming. This is also, one of the reasons for the loan because there is such a crying need for a plant in the Copper Mountain area.

I have tried to give you the facts relative to our application for the aforesaid loan and I will appreciate any help or suggestions in connection with the rapid consumation of same. Thanking you for your interest in this matter, I am,

Respectfully yours,

PETER BRUCE MINING COMPANY

Morris Kline, President

MK/rg

August 9, 1951

Mr. Morris Kline
Peter Bruce Mining Company
P. O. Box 629
Silverton, Wyoming

In reply please refer to
DMA-176-X — Tungsten

Dear Mr. Kline:

We wrote you on July 9, 1951, requesting additional information which you failed to include with your original application. Before your application can receive further consideration, it will be necessary for you to submit demonstrable evidence that your property is sufficiently promising to merit exploration.

Your application will be held in our files pending submission of further information.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

TJBallard:awj

ccFile
Adm. Reading File
Reports & Records Unit
Mr. Holderer

FILE COPY
SURNAME:

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

Holden
Ballard

340

August 9, 1951

C. E. C.

Mr. Morris Kline
Peter Bruce Mining Company
P. O. Box 629
Riverton, Wyoming

In reply please refer to
DMA-1764-X — Tungsten

Dear Mr. Kline:

We wrote you on July 9, 1951, requesting additional information which you failed to include with your original application. Before your application can receive further consideration, it will be necessary for you to submit demonstrable evidence that your property is sufficiently promising to merit exploration.

Your application will be held in our files pending submission of further information.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

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Reports & Records Unit
Mr. Holderer

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

a.e.c.

340

August 9, 1951

Mr. Morris Kline
Peter Bruce Mining Company
P. O. Box 629
Riverton, Wyoming

In reply please refer to
DMA-1764-X — Tungsten

Dear Mr. Kline:

We wrote you on July 9, 1951, requesting additional information which you failed to include with your original application. Before your application can receive further consideration, it will be necessary for you to submit demonstrable evidence that your property is sufficiently promising to merit exploration.

Your application will be held in our files pending submission of further information.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

TJBallard:awj

ccFile
Adm. Reading File
Reports & Records Unit
Mr. Holderer

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE ASSISTANT SECRETARY
WASHINGTON

July 31, 1951

Mr. Holderer,

Mr. Rose asked me to write this note and forward a copy of the attached letter with the request that you pull docket No. DMA-1764X and let him know the status of that file.

Cecil Wilkinson

Cecil Wilkinson, ext. 2186

Attachment

8/7/51
Talked to Mr. Rose & told he was waiting for more info. Rose asked he advised of progress.
H.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 1 1951
LARRY T. STROBEL
Executive Secretary

OFFICE OF
ASSISTANT SECRETARY

UNITED STATES
DEPARTMENT OF THE INTERIOR
WASHINGTON

July 31, 1951

Dear Nat:

I have yours of July 26 and hasten to acknowledge it and to inform you that I will look into this matter with regard to your brother-in-law's tungsten interests at once.

I am asking Mr. George Holderer, Chief of the Tungsten Branch of DMA to discuss this question with me tomorrow morning and you may expect to hear from me immediately.

Thanks for the kind thoughts expressed in yours of July 26, and I hope that this correspondence finds your family and all of our mutual friends well and in good health.

My deep personal regards.

Sincerely yours,

(Sgd) Bob

Robert R. Rose
Assistant Secretary

Mr. Nat Novick
Klines Store
Casper, Wyoming

cc: Mr. Holderer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 1 1951
MARGUERITE STRIBEL
Executive Secretary

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

July 9, 1951

Mr. Morris Kline
Peter Bruce Mining Co.
P. O. Box 629
Riverton, Wyoming

In reply please refer to
DMA 1764X Tungsten

Dear Mr. Kline:

We have reviewed your application for an exploration project to cost $100,000 on the Quien Sabe, Hoodoo, and other claims in the Copper Mountain district, Fremont County, Wyoming.

The information you have given is not in sufficient detail to permit evaluation of your proposal. A copy of the exploration contract, Form MF-200, is enclosed herewith to show you what exhibits must be provided for all exploration proposals. Exhibit A is very important, and must show by maps and careful description precisely what exploration is proposed. The location and length of proposed trenches, the location and depth of shafts, drifts, or adits, and the location, inclination, and depth of core drill holes must all be shown. Your answers to questions 21, 22, and 23 of the exploration application are not adequate to provide the necessary exhibits.

Your estimate of costs includes some production equipment, including 2 crushers, items which are not applicable to exploration.

The Government is not buying low grade ores because the tungsten in them is not usable until it has been concentrated to 60% WO_3. Unfortunately, the known reserves in the Copper Mountain district are too small to warrant erection of milling facilities. At the present time it might be possible to ship ore to custom mills at Salt Lake City or at Boulder, Colorado. It is believed that the H and S Mill in Salt Lake City will currently accept tungsten ores.

We are considering your application solely from the viewpoint of tungsten, which requires 25 percent financial participation on your part. If you wish to make concrete proposals about beryl and tantalum, you should also submit more detailed evidence that these materials might be found in commercial quantities.

Very truly yours,

George B. Holderer
Chief, Tungsten Branch

DMLemmon:bl

GC: Adm. Reading File
Reports & Records
Mr. Holderer
Field Team
Mr. Lemmon
Files

Enclosure

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1764-X

To: Reports and Records Branch

From: Tungsten Branch

Date: July 9, 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to _____

Type of request changed to:

_____

Denied ☐ Withdrawn ☐

Approved in amount of $ _____

Other action, specify:
Requested more information from Applicant.

July 9, 1951

Mr. Morris Kline
Peter Bruce Mining Co.
P. O. Box 629
Riverton, Wyoming

In reply please refer to
DMA 1764X Tungsten

Dear Mr. Kline:

We have reviewed your application for an exploration project to cost $100,000 on the Quien Sabe, Meadow, and other claims in the Copper Mountain district, Fremont County, Wyoming.

The information you have given is not in sufficient detail to permit evaluation of your proposal. A copy of the exploration contract, Form MP-200, is enclosed herewith to show you what exhibits must be provided for all exploration proposals. Exhibit A is very important, and must show by maps and careful description precisely what exploration is proposed. The location and length of proposed trenches, the location and depth of shafts, drifts, or adits, and the location, inclination, and depth of core drill holes must all be shown. Your answers to questions 21, 22, and 23 of the exploration application are not adequate to provide the necessary exhibits.

Your estimate of costs includes some production equipment, including 2 crushers, items which are not applicable to exploration.

The Government is not buying low grade ores because the tungsten in them is not usable until it has been concentrated to 60% WO_3. Unfortunately, the known reserves in the Copper Mountain district are too small to warrant erection of milling facilities. At the present time it might be possible to ship ore to custom mills at Salt Lake City or at Boulder, Colorado. It is believed that the H and S Mill in Salt Lake City will currently accept tungsten ores.

We are considering your application solely from the viewpoint of tungsten, which requires 25 percent financial participation on your part. If you wish to make concrete proposals about beryl and tantalum, you should also submit more detailed evidence that these materials might be found in commercial quantities.

Very truly yours,

George B. Holderer
jan

George B. Holderer
Chief, Tungsten Branch

DMLemmon:bl

GC: Adm. Reading File
Reports & Records
Mr. Holderer
Field Team
Mr. Lemmon
Files

Enclosure

July 2, 1951

Mr. Morris Kline, President
Post Office Box 629
Riverton, Wyoming

Subject: DMA-1764X
Re: Exploration Loan -
Quien Sabe #2, Hoodoo Claims

My dear Mr. Kline:

Receipt is acknowledged of your application and attachments of June 25, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1764X and referred to Mr. George Holderer, Chief, Tungsten Branch on June 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1764X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Holderer
Lyon

July 2, 1951

Mr. Morris Kline, President
Post Office Box 629
Riverton, Wyoming

Subject: DMA-1764X
Re: Exploration Loan -
Quien Sabe #2, Hoodoo Claims

My dear Mr. Kline:

Receipt is acknowledged of your application and attachments of June 25, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1764X and referred to Mr. George Holderer, Chief, Tungsten Branch on June 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1764X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: ✓Strobel
File
Holderer
Lyon

dma 1764X

AFFIDAVIT OF ANNUAL ASSESSMENT WORK

THE STATE OF WYOMING,
COUNTY OF FREMONT } **ss.**

3

Morris Kline being first duly sworn, on oath deposes and says that at least One Hundred and 00/100 Dollars in work and expenditures has been done on the following described Three (3) mining claim situated in the Unorganized Copper Mtn. mining district, in the County of Fremont and State of Wyoming, to-wit:

Quien Sabe #I and Quien Sabe #2 and the Hoodoo, all of which amended ~~notices have been filed in the office of the County Clerk and ex-~~ officio register of deeds of Fremont County ,Wyoming on Nov.27,I939 and March2I, I94I in M.C.Book #50, p.467 and p.565

That such work and expenditures was done at the request of the owners the owner of said mining, between the first day of July, 193, and the thirty-first day of June, 193, which consisted of

for the purpose of complying with the law and holding the same.

Peter Bruce Mining Co.

Morris Kline
Pres.

Subscribed in my presence and sworn to before me this 27th day of September, A. D. 193 50

Helen L. Garrity
Notary Public

My Commission Expires Mar. 6, 1954

HELEN L. GARRITY NOTARY PUBLIC LARAMIE COUNTY, WYOMING

298086

Affidavit of Annual Assessment Work

THE STATE OF WYOMING, }
COUNTY OF FREMONT } ss.

This instrument was filed for Record at

_____ M., _____

SEPTEMBER 28, 1950

_____, 19____, and duly recorded

in Book 54, Page 3

of MINING

F. B. FISCHER

County Clerk.

By Victor E. Valene

Deputy.

Fees, $_____

INDEXED
ABSTRACTED
PHOTOSTATIC RECORDED

AFFIDAVIT OF ANNUAL ASSESSMENT WORK

4

THE STATE OF WYOMING,
COUNTY OF FREMONT } ss.

Morris Kline being first duly sworn, on oath deposes and says that at least One Hundred Dollars ($ 100.00) Dollars in work and expenditures has been done on the following described II mining claim situated in the Copper Mtn.unorganized mining district, in the County of Fremont and State of Wyoming, to-wit: Aurora # I,#2,#3, Hoodoo#2,Rainbow #I,#2,#3, The Double Eagle #I and #2, The J.and K.#Iand #2,. These claims are all located ~~in the Copper Mtn. unorganized mining district of Fremont County and~~ all claims have been filed in the office of the County Clerk and ex-officio Register of Deeds of Fremont County, Wyoming.

That such work and expenditures was done at the request of the owners the owner of said mining, between the first day of July, 193, and the thirty-first day of June, 193, which consisted of

for the purpose of complying with the law and holding the same.

Peter Bruce Mining Co.
by Morris Kline Pres.

Subscribed in my presence and sworn to before me this 27 day of September, A. D. 1950.

Helen L. Gaunty
Notary Public

HELEN L. GAUNTY NOTARY PUBLIC LARAMIE COUNTY, WYOMING

My Commission Expires Mar. 6, 1954

298987

Affidavit of Annual Assessment Work

THE STATE OF WYOMING,
COUNTY OF FREMONT } **ss.**

This instrument was filed for Record at

_____ M., _____

SEPTEMBER 28, 1950

_____, 19___, and duly recorded

in Book 54, Page 4

of MINING

F. B. FISCHER
County Clerk.

By Victor E. Wolens
Deputy.

Fees, $_____

INDEXED
ABSTRACTED
PHOTOSTATIC RECORDED

64

Location Notice--Lode

LOCATION NOTICE—LODE **The Review-Chronicle Print, Riverton, Wyo.**

KNOW ALL MEN BY THESE PRESENTS: That G. L. Jay and Morris Kline

citizen of the United States, over the age of twenty-one years and residing in the county of Fremont and state of Wyoming, having discovered a vein or lode of quartz, or rock in place, bearing tungsten within the circuit or claim hereby located, claim by right of said discovery and location, under and in accordance with the Revised Statutes of the United States, Chapter 6, Title 32, and the laws of the State of Wyoming, 1500 feet linear and horizontal measurement Searchlight No. 2 Lode along the vein thereof, with all its dips, variations and angles, together with 300 feet in width on each side of the center of the discovery shaft, or discovery workings; and all veins, lodes, ledges, deposits and surface grounds within the lines of said claim, feet, running from said center of discovery shaft. Said claim is situated in Unorganized Mining District, County of Fremont, and State of Wyoming, and is bounded and more particularly described as follows, to-wit: Beginning at Stake 1 which bears N. 41 Degrees 30' E 1481 ft. from S¼ cor Sec 22 t 40N. R 93W W R M being corner common to Searchlight No. 2, Quien Sabe No. 1 and Hoodoo No. 2 claims. Thence No. 10 Degrees 30' W. 300 to stake E. end center stake which bears No. 89 Degrees 30' E. 450 from Discovery stake; thence No. 10 degrees 30' W. 300 to NE corner of Claim stake 3 thence S 89 Degrees 30' W 1500 to stake 4 the NW corner of claim; thence S 10 degrees 30 minutes E 600 to stake 5 (Identical with NW Corner of Hoodoo No. 2 claim; thence N 89 degrees 30' E 1500 ft. to point of beginning.

and that a discovery shaft has been sunk thereon in accordance with section 19 of Chapter 40, S. L. 1888 as amended by S. L. 1895, Chapter 108.

And we intend to hold and work said claim by the local customs and rules of miners and of the Mining District and the Mining Statutes of the U. S. and the State of Wyoming.

STATE OF WYOMING } No. 30 7496
FREMONT COUNTY } Filed in this office
CLERK'S OFFICE
for record at 11 o'clock A M

Recorded in Book 54 of mining Page 64
F. B. Bussler
County Clerk and Ex-officio Register of Deeds
By Vietae E. Salem Deputy

INDEXED ✓
ABSTRACTED ✓
PHOTOSTATIC RECORDED ✓

Witness. G. L. Jay 1/2 interest Locator.

Witness. Morris Kline 1/2 interest Locator.

Witness. Locator.

Witness. Locator.

Dated on the ground, this 10 day of February, 1951.

Discovered Feb. 10, 1951

Recorded

Attest

Where any claim is located on surveyed lands the same must be designated by reference to section of quarter section corners, twp. and range; otherwise by designation of the natural fixed objects.

Location Notice--Lode

65

LOCATION NOTICE—LODE **The Review-Chronicle Print, Riverton, Wyo.**

KNOW ALL MEN BY THESE PRESENTS: That G. L. Jay and Morris Kline

citizen of the United States, over the age of twenty-one years and residing in the county of Fremont and state of Wyoming, having discovered a vein or lode of quartz, or rock in place, bearing tungsten within the circuit or claim hereby located, claim by right of said discovery and location, under and in accordance with the Revised Statutes of the United States, Chapter 6, Title 32, and the laws of the State of Wyoming, 1500 feet linear and horizontal measurement Searchlight No. 2 Lode along the vein thereof, with all its dips, variations and angles, together with 300 feet in width on each side of the center of the discovery shaft, or discovery workings; and all veins, lodes, ledges, deposits and surface grounds within the lines of said claim, feet, running from said center of discovery shaft. Said claim is situated in Mining District, County of Fremont, and State of Wyoming, and is bounded and more particularly described as follows, to-wit: Beginning at stake 1 which bears No. 52 E 1074 ft from SW cor Sec 22, T 40N R93W 6th P M being identical with NW corner of Hoodoo mining Claim; Thence N 73 degrees 45 minutes E 1500 ft to stake 2 the SE cor of claimand identical with NE cor Hoodoo claim. Thence N 16 Degrees 15' W 300 ft to stake 3 & end center state (which bears N 73 Degrees 45' E 750 ft. from discovery stake. Thence N 16 degrees 15' W 300 to stake 5 the NW cor of Claim; thence S 16 degrees 15' E (Along line identical with east end line Oliver No. 4 claim) 600 ft. to point of beginning.

and that a discovery shaft has been sunk thereon in accordance with section 19 of Chapter 40, S. L. 1888 as amended by S. L. 1895, Chapter 108.

And we intend to hold and work said claim by the local customs and rules of miners and of the Mining District and the Mining Statutes of the U. S. and the State of Wyoming.

STATE OF WYOMING } No. 307497
FREMONT COUNTY } Filed in this office
CLERK'S OFFICE
for record at 11 o'clock A M
Recorded MAR 22 1951
in Book 54 of Mining Page 65
R. B. Rissler
County Clerk and Ex-officio Register of Deeds
By Victor E. Dolen Deputy

Witness. G. L. Jay. 1/2 interest Locator.

Witness. Morris Kline 1/2 interest Locator.

Locator.

Locator.

INDEXED
ABSTRACTED
PHOTOSTATIC RECORDED

Dated on the ground, this 102 day of February, 1951.

Discovered Feb. 10, 1951

Recorded

Attest

Where any claim is located on surveyed lands the same must be designated by reference to section of quarter section corners, twp. and range; otherwise by designation of the natural fixed objects.

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERI

DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1764 X

Date received 6-29-51

Participation

PETER BRUCE MINING CO.
(Morris Kline, Pres.)
P.O.Box 629
Riverton
Wyoming.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date June 25 1951.

FILL IN THIS BLOCK

Date of application May 25th 1951.

Estimated cost $ 100,000.00

Mineral or metal Tungsten, Beryl, Felspar, Tantalum, etc.

Percentage of Government participation 75% and 90%

Location of mine Fremont County, Wyoming.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Peter Bruce Mining Co.
(Name of company)

By Morris Kline
(Signature of authorized official)

May 25 1951
(Date)

President
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

THE APPLICANT

1

A partnership which we intend to incorporate.

2

Morris Kline - Cheyenne and Riverton, Wyoming
G. L. Jay - Riverton, Wyoming

3

Not Incorporated

4

G. L. Jay
Forty years experience as prospector, miner and mine owner in Montana, Utah and Wyoming. Has also owned and operated several other businesses of his own in connection with meeting the public - Real Estate, Eating Houses. Also served as Deputy Sherrif for three or four years. Mr. Jay is a robust man of 67 years of age with a pleasing personality.

Morris Kline
Present Owner of 37½% of Klines Stores of Cheyenne and Casper, Wyoming. Also operated Klines Store of Riverton for several years and sold out about three years ago. Has many diversified property and other interests in Riverton, Casper and Cheyenne. Just recently disposed of Fremont Credit Corporation of Riverton , Wyoming, which operated a Real Estate, Insurance and Investment business. Has had experience including newspaper, banking, oil and mining. Present Age - 60 years and is considered an agressive successful business man thru out the state of Wyoming.

5

We are the applicants of lode claims, who have filed on U. S. land and intend to patent same later.

6

No liens or encumbrances of any kind.

7

Operator as shown in Section #5

8

Morris Kline - Financial Statement attached
G. L. Jay - Financial Statement Attached

9.

Any necessary amounts within reason and ability to pay.

10.

The Property

Located in Fremont County, Wyoming Township T./40North, Range 93 West, Sections #21, #22, #27, #28. Maps are herewith attached.

b. Intend to work, prospect and mine entire area

11.

Part of the former property was known as Quien Sabe Syndicate now all owned and controlled by the Peter Bruce Mining Company.

12.

These claims are located about eighteen (18) miles northeast of Shoshone, Wyoming which is served by the Chicago, Northwestern Railroad Company and also fifteen miles Northeast of Bonneville, Wyoming which is serviced by the Chicago and Burlington and Quincy Railroad Company. A gravelled county road, which is used all year round runs right up to the ranch at the foot of these claims. A. U. S. mine access graveled road runs through both ends of the claims.

13.

This area is traversed by Hoodoo and Tough Creek, which run water the year round. There is also a reservoir on one end of the property and another one could be constructed on the other end of same. Boysen Dam electric power is about ten miles distant and the power transportation line will probably be built within two to three miles of this property. However, think Concentration Plant or mill should be built in vicinity of Shoshone, Wyoming where unlimited power and water facilities are available. Ore can be easily trucked to this point.

14-

Already have one Superintendent's cabin on property in addition to two State approved Dynamite Houses. Also have several wooden cabins on property and vicinity which can be rented.

15-

At present, the nearest place of Concentration of Tungsten is above Boulder, Colorado - about 350 miles from Shoshone, Wyoming. The road to Boulder is an Oiled U. S. Highway and traveled the year thru.

However, the Boulder area has more local Tungsten than they can handle and they are trying to increase their own Plant facilities in order to handle their own needs.

Wyoming has no Tungsten Concentration plant of any kind and if one was established in the Shoshone area, several other Tungsten operators would immediately begin Tungsten operations. There is

15- cont'd

more than enough Scheelite ore available to run a mill for several years. That is our objective, namely, to mine our own ore and also operate a concentration mill at a profit and aid our sorely needed war shortage for Tungsten ores.

16.

We have operated these properties in a small way for the past twelve years - mostly as a matter of prospecting and finding out the types of ore on our various claims.

a. During World War #2, we were just ready to get under way as the U. S. Grazing Department had completed some mine access roads when the war ended and price of Tungsten was reduced so low that we could not afford to mine and ship to nearest point of Concentration, namely, The U. S. Vanadium Smelters at Salt Lake City, Utah.

b. During this same period, the Bureau of Mines made a loan to the Stardust and Comet, groups operated by Messrs Roberson and Muirhead. Complete data on this project is written up by U. S. Geologists, Eugene Frey and Stephen R. Wilson - under Bureau of Mines Report of Investigations #4629 under the title " Investigation of the Romur Tungsten Deposits of Fremont County, Wyoming." Our claims lay directly south of the Romur claims and about one quarter to one half mile distant.
Another operation by the name of the Keahey Developement shipped three carloads of about one hundred tons to the Salt Lake City plant also, But the high coast of railroad transportation consumed most of the profits. The Keahey claims offset us on the north.

c. We have had one Bureau of Mines examination and also one by the U. S. Geological Survey. At the time of their examinations, we were only concerned with the prospecting of Tantalum, Columbium, Beryl, Feldspar and Mica. At that time, 1938 to 1941, we were unaware of the fact that Scheelite existed on our claims and made no effort to locate same. Since then, we have done considerable prospecting at night with the aid of ultra violet lamps and have been successful in locating the various claims we now operate. Copy of mining report by Engineer Robert M. Roe is attached.

17. (1, 2 & 3)

1) The mine is not in production although we have sampled over twenty five tons of ore and the reason for non operation was due to U. S. low price of ore plus high cost of moving to points of available concentration.

18.

a. As stated heretofore the original ares sought were Tantalum Columbite, Beryl, Mica and Feldspar. At a later date we found evidences of immense deposits of Scheelite ranging from 1% to 10% contents of WO3 - copy of one recent assay was 2.98% of WO3 and one sample that would not even flouesce under an ultra violet lamp showed .98 of 1% Scheelite. In our opinion there is an unlimited quantity of ore running in content from one to five percent.

19.

We share the opinion of every mining man who has looked at the property, namely - it needs more exploration but there is no question that the many foregoing mentioned strategic minerals are located on our claims. They simply need exploration, further prospecting andrecovery.

20.

a. Tantalum and Columbite
b. Beryl
c. Feldspar
d. Mica
e. Scheelite (Tungsten)
f. Copper (?) small showings

21.

Think that we can open up our various deposits in less than two years.

22.

Assay reports and engineer report is attached and made part of this report. Actual sample of various ores are also ~~attached.~~ being forwarded by Parcel Post.

23.

a.	2 Year Program -	
	Eight (8) men at $12.00 per day, 6 day week	
	Eight months labor each year	36,864.00
b.	One Superintendent (Mine)	10,000.00
c.	Necessary Repairs	3,000.00
d.	New Installations (Buildings	5,000.00
e.	Compressors - Jack Hammer - Drills etc.	3,000.00
	Stationery - Engine	1,000.00
	Small Jeep (also to be used as Superintendent Car)	1,500.00
	Two and a half ton Truck	3.500.00
	Catapillar Tractor	4,000.00
	Large 25 ton Crusher	10,000.00
	Small one ton Crusher	1,500.00

23 continued

f.	Rental Equipment	1,000.00
g.	None	-0-
h.	Powder and Dynamite Caps etc. and other necessary supplies	7,500.00
i.	Cost of Power, Water, Utilities etc.	3,000.00
	TOTAL	$ 90,864.00
	RESERVE FOR CONTINGENCIES	9,136.00
	GRAND TOTAL	$100,000.00

24.

Expect to take two years time to complete the above schedule and project should be on a profitable and self sustaining basis ahead of schedule.

LIST OF MINING CLAIMS
belonging to

THE PETER BRUCE MINING CO.
P.O.BOX 629
RIVERTON WYOMING.....

Quien Sabe #I
Quien Sabe #2
Hoodoo
Hoodoo #2
Aurora #I
Aurora #2
Aurora #3
Rainbow #I
Rainbow#2
Rainbow# 3
Double Eagle #I
Double Eagle #2
J. and K. #I
J. and K #2
Searchlight # I.
Searchlight # 2

TOTAL OF I6 CLAIMS.

Approximate...

Financial Statement
of

MORRIS KLINE 6/25/51

ASSETS.

Real Estate (Store building , Riverton Wyo.)	$ I2,500.00
" " (Duplex Apartment, " "	I2,500.00
" " (200 acres irrigated land near Pavillion Wyoming)	I5,000.00
Cash in banks	I2,000.00
U.S.Bonds	3,000.00
37½% interest in Klines Store at Casper and Cheyenne Wyoming.	85,000.00
Total	$ I40.000.00

LIABILITIES

Real estate mortgage on store building at Riverton Wyoming.(payable at ($ I,000.00 per annum)	$ 5,000.00
Other liabilities	NONE
NET WORTH	$ I35,000.00

SIGNED Morris Kline

Note.

Due to Mr. G.L.Jay being out of the State temporarily, am unable to give youa financial statement of G.L.Jay but I would say that he is conservatively reputed to be worth from $ I5,000.00 to $ 20,000.00.

MK

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR.
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1764X

Date received 6-29-51

Participation

PIGER DRUGS MINING CO.
(Morris Kline, Pres.)
P.O.Box 629
Riverton
Wyoming.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date May 25 1951.

FILL IN THIS BLOCK

Date of application May 25th 1951.

Estimated cost $ 100,000.00

Mineral or metal Tungsten, Beryl, Felspar, Tantalum, etc.

Percentage of Government participation 75 and 90%

Location of mine Fremont County, Wyoming.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Peter Bruce Mining Co.
(Name of company)

By [signature]
(Signature of authorized official)

May 25 1951
(Date)

President
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

1

A partnership which we intend to incorporate.

2

Morris Kline - Cheyenne and Riverton, Wyoming
G. L. Jay - Riverton, Wyoming

3

Not Incorporated

4

G. L. Jay
Forty years experience as prospector, miner and mine owner in Montana, Utah and Wyoming. Has also owned and operated several other businesses of his own in connection with meeting the public - Real Estate, Eating Houses. Also served as Deputy Sherrif for three or four years. Mr. Jay is a robust man of 67 years of age with a pleasing personality.

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5

We are the applicants of lode claims, who have filed on U. S. land and intend to patent same later.

6

No liens or encumbrances of any kind.

7

Operator as shown in Section 5

8

Morris Kline - Financial Statement attached
G. L. Jay - Financial Statement Attached

9.

Any necessary amounts within reason and ability to pay.

10.

The Property
Located in Fremont County, Wyoming T./40North, Range 93 West, Sections #21, #22, #27, #28. Maps are herewith attached.
b. Intend to work, prospect and mine entire area

11.

Part of the former property was known as Fallen Cube Syndicate now all owned and controlled by the Peter Bruce Mining Company.

12.

These claims are located about eighteen (18) miles northeast of Shoshone, Wyoming which is served by the Chicago, Northwestern Railroad Company and also fifteen miles Northeast of Bonneville, Wyoming which is serviced by the Chicago and Burlington and Quincy Railroad Company. A gravelled county road, which is used all year round runs right up to the ranch at the foot of these claims. A. U. S. mine access graveled road runs through both ends of the claims.

13.

This area is traversed by Voodoo and Tough Creek, which run water the year round. There is also a reservoir on one end of the property and another one could be constructed on the other end of same. Boysen Dam electric power is about ten miles distant and the power transportation line will probably be built within two to three miles of this property. However, think Concentration Plant or Mill should be built in vicinity of Shoshone, Wyoming where unlimited power and water facilities are available. Ore can be easily trucked to this point.

14-

Already have one Superintendent's cabin on property in addition to two State approved Dynamite Houses. Also have several wooden cabins on property and vicinity which can be rented.

15-

At present, the nearest place of Concentration of Tungsten is above Boulder, Colorado - about 350 miles from Shoshone, Wyoming. The road to Boulder is an Oiled U. S. Highway and traveled the year thru.
However, the Boulder area has more local Tungsten than they can handle and they are trying to increase their own plant facilities in order to handle their own needs.
Wyoming has no Tungsten Concentration plant of any kind and if one was established in the Shoshone area, several other Tungsten operators would immediately begin Tungsten operations. There is

15- cont'd

more than enough Scheelite ore available to run a mill for several years. That is our objective, namely, to mine our own ore and also operate a concentration mill at a profit and aid our sorely needed war shortage for Tungsten ores.

16.

We have operated these properties in a small way for the past twelve years - mostly as a matter of prospecting and finding out the types of ore on our various claims.

a. During World War #2, we were just ready to get under way as the U. S. Grazing Department had completed some mine access roads when the war ended and price of Tungsten was reduced so low that we could not afford to mine and ship to nearest point of Concentration, namely, The U. S. Vanadium Smelters at Salt Lake City, Utah.

b. During this same period, the Bureau of Mines made a loan to the Stardust and Comet, group operated by Messrs Roberson and Muirhead. Complete data on this project is written up by U. S. Geologists, Eugene Frey and Stephen M. Wilson - under Bureau of Mines Report of Investigations #4629 under the title " Investigation of the Romur Tungsten Deposits of Fremont County, Wyoming." Our claims lay directly south of the Romur claims and about one quarter to one half mile distant.
Another operation by the name of the Keahey Developement shipped three carloads of about one hundred tons to the Salt Lake City plant also, But the high coast of railroad transportation consumed most of the profits. The Keahey claims offset us on the north.

c. We have had one Bureau of Mines examination and also one by the U. S. Geological Survey. At the time time of their examinations, we were only concerned with the prospecting of Tantalum, Columbium, Beryl, Feldspar and Mica. At that time, 1938 to 1941, we were unaware of the fact that Scheelite existed on our claims and made no effort to locate same. Since then, we have done considerable prospecting at night with the aid of ultra violet lamps and have been successful in locating the various claims we now operate. Copy of mining report by Engineer Robert M. Roe is attached.

18. (1, 2 & 3)

1) The mine is not in production although we have sampled over twenty five tons of ore and the reason for non operation was due to U. S. low price of ore plus high cost of moving to points of available concentration.

17.

a. As stated heretofore the original ores sought were Tantalum Columbite, Beryl, Mica and Feldspar. At a later date we found evidences of immense deposits of Scheelite ranging from 1% to 10% contents of WO3 - copy of one recent assay was 2.93% of WO3 and one sample that would not even flouesce under an ultra violet lamp showed .93 of 1% Scheelite. In our opinion there is an unlimited quantity of ore running in content from one to five percent.

19.

We share the opinion of every mining man who has looked at the property, namely - it needs more exploration but there is no question that the many foregoing mentioned strategic minerals are located on our claims. They simply need exploration, further prospecting andrecovery.

20.

a. Tantalum and Columbite
b. Beryl
c. Feldspar
d. Mica
e. Scheelite (Tungsten)
f. Copper (?) small showings

21.

Think that we can open up our various deposits in less than two years.

22.

Assay reports and engineer report is attached and made part of this report. Actual sample of various ores are also ~~attached~~ being forwarded by Parcel Post.

23.

a.	2 Year Program -	
	Eight (8) men at $12.00 per day, 6 day week	
	Eight months labor each year	36,864.00
b.	One Superintendent (Mine	10,000.00
c.	Necessary Repairs	3,000.00
d.	New Installations (Buildings	5,000.00
e.	Compression - Jack Hammer - Drills etc.	3,000.00
	Stationery - Engine	1,000.00
	Small Jeep (also to be used as Superintendent Car	1,500.00
	Two and a half ton Truck	3,500.00
	Catapillar Tractor	4,000.00
	Large 25 ton Crusher	10,000.00
	Small one ton Crusher	1,500.00

23 continued

f.	Rental Equipment	1,000.00
g.	None	-0-
h.	Powder and Dynamite Caps etc. and other necessary supplies	7,500.00
i.	Cost of Power, Water, Utilities etc.	3,000.00
	TOTAL	$ 90,864.00
	RESERVE FOR CONTINGENCIES	9,136.00
	GRAND TOTAL	$100,000.00

24.

Expect to take two years time to complete the above schedule and project should be on a profitable and self sustaining basis ahead of shhedule.

Approximate...

Financial Statement
of

[illegible] KLEIN 9/25/51

ASSETS
.....

eal Estate (Store building , Riverton Wyo.)	23,500.00
" " (uplex Apartment, " "	23,500.00
" " (200 acres irrigated land near Pavillion Wyoming)	25,000.00
ash in banks	23,000.00
.S. Bonds	3,000.00
37½% interest in Klines Store at Thermopolis and Cheyenne Wyoming.	85,000.00
Total	240,000.00

LIABILITIES
.....

eal estate mortgage on Store building at Riverton Wyoming. (payable at (2,000.00 per month)	5,000.00
ther liabilities	[illegible]
[illegible]	255,000.00

Respectfully
[illegible] Morris Klein

ote.

Due to Mr. S.L.Day being out of the state temporarily, am unable to give you a financial statement of S.L.Day but I would say that he is conservatively rated to be worth from 15,000.00 to 20,000.00.

[illegible]

LIST OF MINING CLAIMS
belonging to

THE PETER BRUCE MINING CO.
P.O.BOX 639
RIVERTON, WYOMING.....

Quien Sabe #1
Quien Sabe #3
Voodoo
Voodoo #3
Aurora #1
Aurora #2
Aurora #3
Rainbow #1
Rainbow #3
Rainbow #3
Double Eagle #1
Double Eagle #3
J. and K. #1
J. and K #3
Searchlight #1
Searchlight #3

TOTAL OF 16 CLAIMS.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1764 X

Date received 6-29-51

Participation

PETER BRUCE MINING CO.
(Morris Kline, Pres.)
P.O.Box 629
Riverton
Wyoming.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date June 25 1951.

FILL IN THIS BLOCK

Date of application May 25th 1951.

Estimated cost $ 100,000.00

Mineral or metal Tungsten, Beryl, Felspar, Tantalum, etc.

Percentage of Government participation 75% and 90%

Location of mine Fremont County, Wyoming.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Peter Bruce Mining Co.
(Name of company)

By Morris Kline
(Signature of authorized official)

May 25 1951
(Date)

President
(Title)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

THE APPLICANT

1

A partnership which we intend to incorporate.

2

Morris Kline - Cheyenne and Riverton, Wyoming
G. L. Jay - Riverton, Wyoming

3

Not Incorporated

4

G. L. Jay
Forty years experience as prospector, miner and mine owner in Montana, Utah and Wyoming. Has also owned and operated several other businesses of his own in connection with meeting the public - Real Estate, Eating Houses. Also served as Deputy Sherrif for three or four years. Mr. Jay is a robust man of 67 years of age with a pleasing personality.

Morris Kline
Present Owner of 37½% of Klines Stores of Cheyenne and Casper, Wyoming. Also operated Klines Store of Riverton for several years and sold out about three years ago. Has many diversified property and other interests in Riverton, Casper and Cheyenne. Just recently disposed of Fremont Credit Corporation of Riverton , Wyoming, which operated a Real Estate, Insurance and Investment business. Has had experience including newspaper, banking, oil and mining. Present Age - 60 years and is considered an agressive successful business man thru out the state of Wyoming.

5

We are the applicants of lode claims, who have filed on U. S. land and intend to patent same later.

6

No liens or encumbrances of any kind.

7

Operator as shown in Section #5

8

Morris Kline - Financial Statement attached
G. L. Jay - Financial Statement Attached

9.

Any necessary amounts within reason and ability to pay.

10.

The Property
Located in Fremont County, Wyoming T./40North, Range 93 West, Sections #21, #22, #27, #28. Maps are herewith attached.
b. Intend to work, prospect and mine entire area

11.

Part of the former property was known as Quien Sabe Syndicate now all owned and controlled by the Peter Bruce Mining Company.

12.

These claims are located about eighteen (18) miles northeast of Shoshone, Wyoming which is served by the Chicago, Northwestern Railroad Company and also fifteen miles Northeast of Bonneville, Wyoming which is serviced by the Chicago and Burlington and Quincy Railroad Company. A gravelled county road, which is used all year round runs right up to the ranch at the foot of these claims. A. U. S. mine access graveled road runs through both ends of the claims.

13.

This area is traversed by Woodoo and Tough Creek, which run water the year round. There is also a reservoir on one end of the property and another one could be constructed on the other end of same. Boysen Dam electric power is about ten miles distant and the power transportation line will probably be built within two to three miles of this property. However, think Concentration Plant or mill should be built in vicinity of Shoshone, Wyoming where unlimited power and water facilities are available. Ore can be easily trucked to this point.

14-

Already have one Superintendent's cabin on property in addition to two State approved Dynamite Houses. Also have several wooden cabins on property and vicinity which can be rented.

15-

At present, the nearest place of Concentration of Tungsten is above Boulder, Colorado - about 350 miles from Shoshone, Wyoming. The road to Boulder is an Oiled U. S. Highway and traveled the year thru.
However, the Boulder area has more local Tungsten than they can handle and they are trying to increase their own Plant facilities in order to handle their own needs.
Wyoming has no Tungsten Concentration plant of any kind and if one was established in the Shoshone area, several other Tungsten operators would immediately begin Tungsten operations. There is

15- cont'd

more than enough Scheelite ore available to run a mill for several years. That is our objective, namely, to mine our own ore and also operate a concentration mill at a profit and aid our sorely needed war shortage for Tungsten ores.

16.

We have operated these properties in a small way for the past twelve years - mostly as a matter of prospecting and finding out the types of ore on our various claims.

a. During World War #2, we were just ready to get under way as the U. S. Grazing Department had completed some mine access roads when the war ended and price of Tungsten was reduced so low that we could not afford to mine and ship to nearest point of Concentration, namely, The U. S. Vanadium Smelters at Salt Lake City, Utah.

b. During this same period, the Bureau of Mines made a loan to the Stardust and Comet, groups operated by Messrs Roberson and Muirhead. Complete data on this project is written up by U. S. Geologists, Eugene Frey and Stephen R. Wilson - under Bureau of Mines Report of Investigations #4629 under the title " Investigation of the Romur Tungsten Deposits of Fremont County, Wyoming." Our claims lay directly south of the Romur claims and about one quarter to one half mile distant.
Another operation by the name of the Keahey Developement shipped three carloads of about one hundred tons to the Salt Lake City plant also, But the high coast of railroad transportation consumed most of the profits. The Keahey claims offset us on the north.

c. We have had one Bureau of Mines examination and also one by the U. S. Geological Survey. At the time time of their examinations, we were only concerned with the prospecting of Tantalum, Columbium, Beryl, Feldspar and Mica. At that time, 1938 to 1941, we were unaware of the fact that Scheelite existed on our claims and made no effort to locate same. Since then, we have done considerable proppecting at night with the aid of ultra violet lamps and have been successful in locating the various claims we now operate. Copy of mining report by Engineer Robert H. Roe is attached.

17. (1, 2 & 3)

10 The mine is not in production although we have sampled over twenty five tons of ore and the reason for non operation was due to U. S. low price of ore plus high cost of moving to points of available concentration.

18.

a. As stated heretofore the original ares sought were Tantalum Columbite, Beryl, Mica and Feldspar. At a later date we found evidences of immense deposits of Scheelite ranging from 1% to 10% contents of WO3 - copy of one recent assay was 2.98% of WO3 and one sample that would not even flouesce under an ultra violet lamp showed .98 of 1% Scheelite. In our opinion there is an unlimited quantity of ore running in content from one to five percent.

19.

We share the opinion of every mining man who has looked at the property, namely - it needs more exploration but there is no question that the many foregoing mentioned strategic minerals are located on our claims. They simply need exploration, further prospecting andrecovery.

20.

a. Tantalum and Columbite
b. Beryl
c. Feldspar
d. Mica
e. Scheelite (Tungsten)
f. Copper (?) small showings

21.

Think that we can open up our various deposits in less than two years.

22.

Assay reports and engineer report is attached and made part of this report. Actual sample of various ores are also ~~attached~~ being forwarded by Parcel Post.

23.

a.	2 Year Program - Eight (8) men at $12.00 per day, 6 day week Eight months labor each year	36,864.00
b.	One Superintendent (Mine	10,000.00
c.	Necessary Repairs	3,000.00
d.	New Installations (Buildings	5,000.00
e.	Compression - Jack Hammer - Drills etc.	3,000.00
	Stationery - Engine	1,000.00
	Small Jeep (also to be used as Superintendent Car	1,500.00
	Two and a half ton Truck	3.500.00
	Catapillar Tractor	4,000.00
	Large 25 ton Crusher	10,000.00
	Small one ton Crusher	1,500.00

23 continued

f.	Rental Equipment	1,000.00
g.	None	-0-
h.	Powder and Dynamite Caps etc. and other necessary supplies	7,500.00
i.	Cost of Power, Water, Utilities etc.	3,000.00
	TOTAL	$ 90,864.00
	RESERVE FOR CONTINGENCIES	9,136.00
	GRAND TOTAL	$100,000.00

24.

Expect to take two years time to complete the above schedule and project should be on a profitable and self sustaining basis ahead of shhedule.

Approximate...

Financial Statement
of

MORRIS KLINE 6/28/51

ASSETS.
.....

Real Estate (Store building , Riverton Wyo.)	$ 12,500.00
" " (Duplex Apartment, " "	12,500.00
" " (300 acres irrigated land near Pavillion Wyoming)	15,000.00
Cash in banks	12,000.00
U.S.Bonds	3,000.00
37½% interest in Klines Store at Casper and Cheyenne Wyoming.	85,000.00
Total	$ 140.000.00

LIABILITIES
.....

Real estate mortgage on store building at Riverton Wyoming.(payable at ($ 1,000.00 per annum)	$ 5,000.00
Other liabilities	NONE
NET WORTH	$ 135,000.00

Morris Kline

Note.

Due to Mr. G.E.Jay being out of the State temporarily, am unable to give you a financial statement of G.E.Jay but I would say that he is conservatively reputed to be worth from $ 15,000.00 to $ 20,000.00.

GEJ

LIST OF MINING CLAIMS
belonging to

THE PETER BRUCE MINING CO.
P.O.BOX 629
RIVERTON WYOMING.....

Laken Babe #1
Laken Babe #2
Hoodoo
Hoodoo #2
Aurora #1
Aurora #2
Aurora #3
Rainbow #1
Rainbow #2
Rainbow# 3
Double Eagle #1
Double Eagle #2
J. and K. #1
J. and K #2
Searchlight # 1.
Searchlight # 2

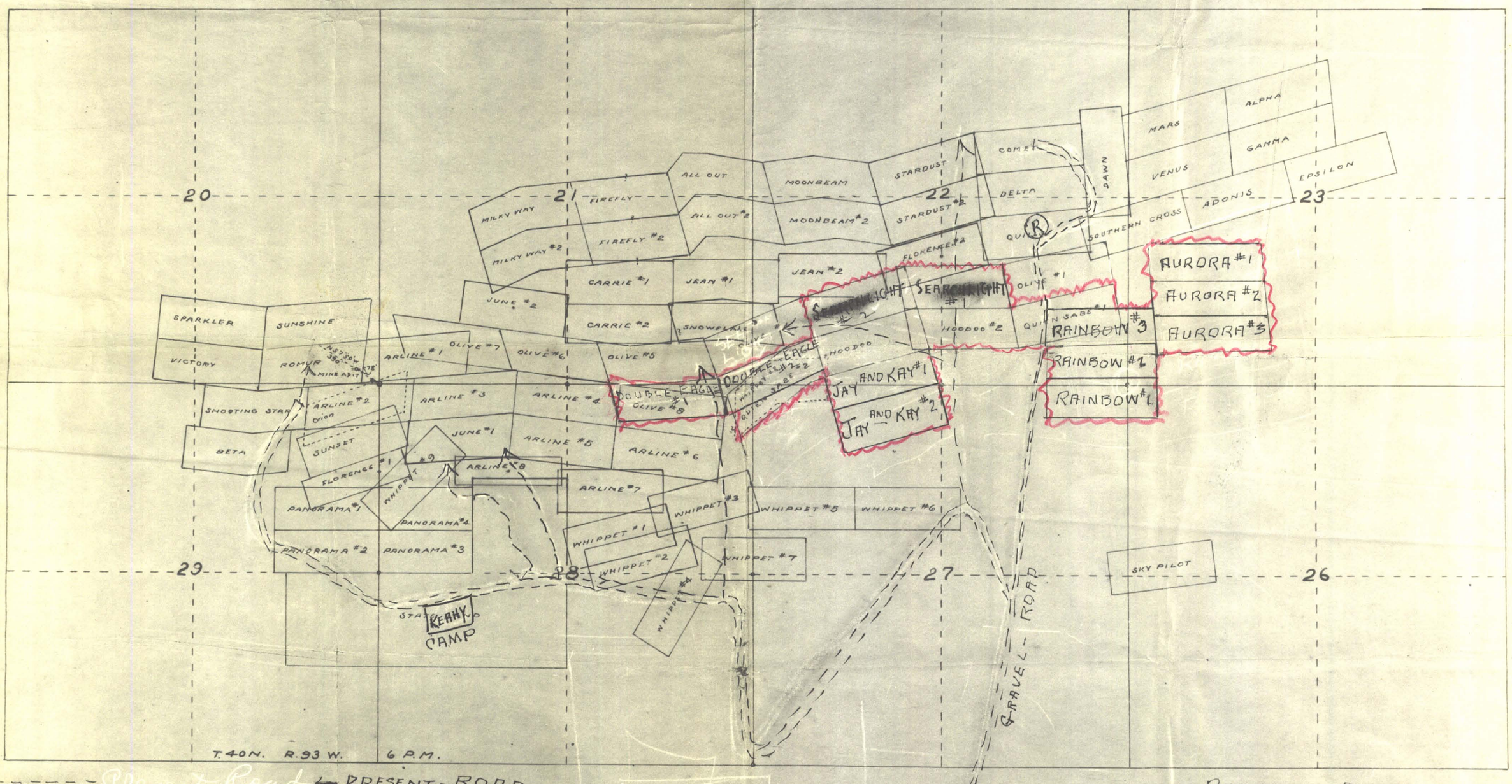
TOTAL OF 16 CLAIMS.

RECORDED LODE MINING CLAIMS

IN SECTIONS 20, 21, 22, 23, 26, 27, 28 & 29

T. 40 N. R. 93 W. 6 P.M.

SCALE 1"=1000

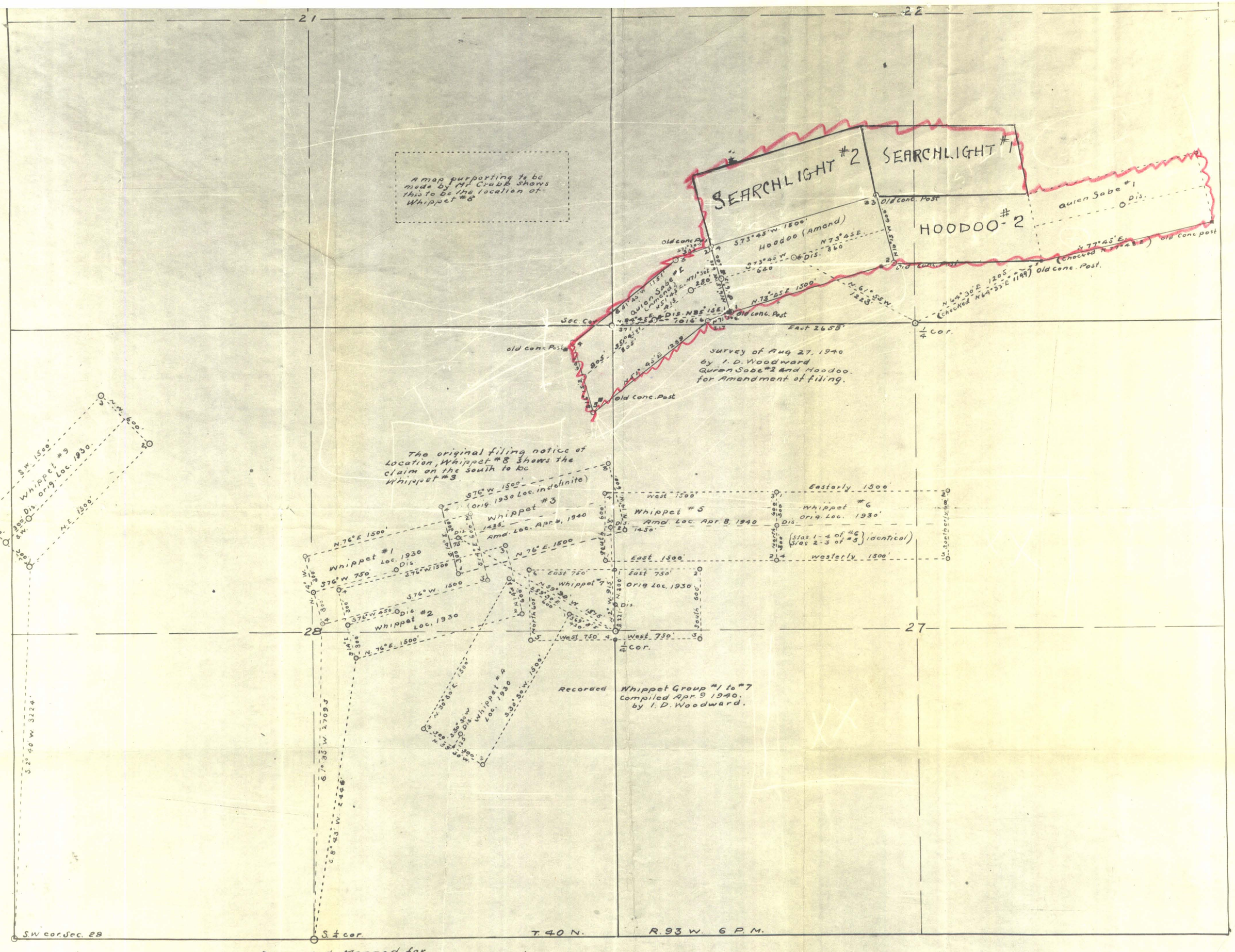


Present Road ← PRESENT ROAD

Proposed and now on Construction Road ← PROPOSED ROADS AND UNDER CONSTRUCTION

PREPARED BY
I. D. WOODWARD
CITY ENGINEER
RIVERTON, WYO.

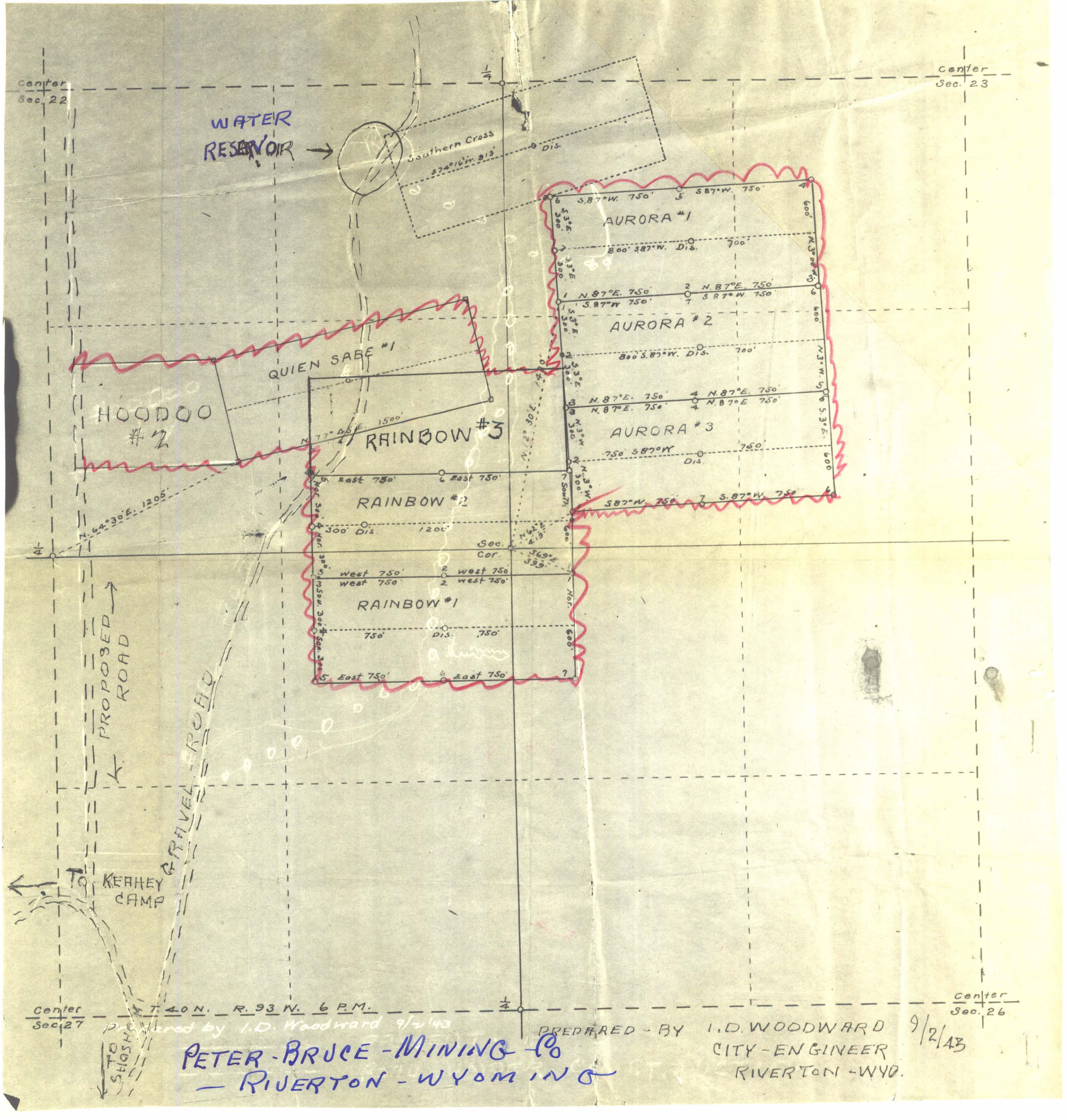
FOR PETER BRUCE MINING Co



Drawn and Mapped for
Quien Sabe Mining Syndicate
Morris Kline, Pres.

AND. PETER BRUCE-MINING. Co.
RIVERTON - WYO.

MAP OF
QUIEN SABE #2 AND HOODOO CLAIMS
SCALE 1" = 500'


Center Sec. 22
Center Sec. 23
WATER RESERVOIR
Southern Cross
S74°16'W. 813'
Dis.
AURORA #1
S.87°W. 750'
S87°W. 750'
800' S87°W. Dis.
700'
N.87°E. 750'
S.87°W 750'
AURORA #2
AURORA #3
750' S87°W
Dis.
QUIEN SABE #1
HOODOO #2
RAINBOW #3
N.77°A.S.E. 1500'
RAINBOW #2
East 750'
300' Dis.
1200'
Sec. Cor.
RAINBOW #1
West 750'
750'
Dis.
N.64°30'E. 1205'
PROPOSED ROAD
GRAVEL ROAD
TO KEARNEY CAMP
TO SHOSHONI
Center Sec. 27
T. 40 N. R. 93 W. 6 P.M.
Center Sec. 26
Prepared by I.D. Woodward 9/2/43
PREPARED - BY I.D. WOODWARD
CITY - ENGINEER
RIVERTON - WYO.
9/2/43
PETER - BRUCE - MINING - Co
— RIVERTON - WYOMING