DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 2125

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as
EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	Code 340 Ferro-Alloys Br.	Date	10/2/51
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DO NOT DETACH

CONTROLLED DOCUMENT

Mr. N. R. Ritchie
2633 Cherry Avenue
Fresno, California

Re: Docket No. DMA X125X - Tungsten
Lobo Tungsten Mining Company
Fresno County, California

Dear Mr. Ritchie:

Your application for an exploration loan and other data concerning the subject property available to us in Washington have been carefully reviewed.

This information, while noting some marginal grade 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.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
2/6/52

cc: Admn. Reading File
Docket
R. W. Seehon, UMRM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer

February 6, 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 $80,000.00
Docket No. DMA 2123X - Tungsten
Lobo Tungsten Mining Company
Dinkey Creek District
Fresno County, California

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

1. The gross value of the inferred ore is considerably less than the amount applied for.

2. There is little probability of making a significant discovery.

3. The applicant is believed to be incompetent to carry out the proposed program.

4. The USGS (Washington) concurs.

G. C. Selfridge

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

QLBrewer'lm
2/6/52

cc: Admn. Reading File
Docket
G. C. Selfridge
Q. L. Brewer

C
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P
Y

OFFICE MEMORANDUM ** UNITED STATES GOVERNMENT

To: George Selfridge, DMEA Date - December 12, 1951

From: D. M. Lemmon, U.S. Geological Survey

Subject: Application for $80,000 exploration project - DMA 2125 - Tungsten
M. B. Ritchie
2433 Cherry Avenue
Fresno, California

Property: Lobo tungsten deposit
Dinkey Creek, Fresno County, California

The report of the field team, dated November 28, 1951, clearly states why this proposal should be rejected.

I agree with the field report, and recommend that the application be denied.

/s/ D. M. Lemmon

2+7 E file

George Selfridge, D.M.E.A. December 12, 1951

D. M. Lemmon, U. S. Geological Survey

Application for $80,000 expleration project DMA 2125 - Tungsten
M. B. Ritchie
2433 Cherry Avenue
Fresno, California

Property: Lobo tungsten deposit
Dinkey Creek, Fresno County, California

The report of the field team, dated November 28, 1951, clearly states why this proposal should be rejected.

I agree with the field report, and recommend that the application be denied.

Dwight M. Lemmon

DMLemmon:gt

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 7 1952

400

FILE COPY
SURNAME:

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

Brewer
Selfridge
Hubard
Hedges
Mitzer
H. Johnson

FEB 14 1952

Mr. M. B. Ritchie
2433 Cherry Avenue
Fresno, California

Re: Docket No. DMA 2125X - Tungsten
Lobo Tungsten Mining Company
Fresno County, California

Dear Mr. Ritchie:

Your application for an exploration loan and other data concerning the subject property available to us in Washington have been carefully reviewed.

This information, while noting some marginal grade 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.

Sincerely yours,

C. O. Mittendorf (for) 2/14

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
2/6/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
G. C. Selfridge
Q. L. Brewer

FILE COPY
SURNAME:

Brewer
Selfridge
Guthrie

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

February 6, 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 $80,000.00
Docket No. DMA 2125X - Tungsten
Lobo Tungsten Mining Company
Dinkey Creek District
Fresno County, California

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

1. The gross value of the inferred ore is considerably less than the amount applied for.

2. There is little probability of making a significant discovery.

3. The applicant is believed to be incompetent to carry out the proposed program.

4. The USGS (Washington) concurs.

George C. Selfridge 2/14

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

QLBrewer'lm
2/6/52

cc: Admn. Reading File
Docket
G. C. Selfridge
Q. L. Brewer

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

February 6, 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 $80,000.00
Docket No. DMA 2125X - Tungsten
Lobo Tungsten Mining Company
Dinkey Creek District
Fresno County, California

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

1. The gross value of the inferred ore is considerably less than the amount applied for.

2. There is little probability of making a significant discovery.

3. The applicant is believed to be incompetent to carry out the proposed program.

4. The USGS (Washington) concurs.

G. C. Selfridge

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

D FORM NO. 64

ice Memorandum • UNITED STATES GOVERNMENT

TO : George Selfridge, D.M.E.A. DATE: December 12, 1951

FROM : D. M. Lemmon, U. S. Geological Survey

SUBJECT: Application for $80,000 exploration project DMA 2125 - Tungsten
M. B. Ritchie
2433 Cherry Avenue
Fresno, California

Property: Lobo tungsten deposit
Dinkey Creek, Fresno County, California

The report of the field team, dated November 28, 1951, clearly states why this proposal should be rejected.

I agree with the field report, and recommend that the application be denied.

DM Lemmon

To Lemmon G Stibley
1/14

Copy #100
✓ / 103

US F.S. map of general area

Copy of Field Team Rept. 11-28-1951 - (3 min)

Copy of R.F.C. Report, 3rd map - (USD/1943) Rockwood (Los Angeles)

letter of "additional information" -

[illegible]

2125

FICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 10 1951

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

Office of
Executive Officer
DMEA Field Team
Region III

Owner Of. Com. phone 12/12/51 2/3

December 5, 1951

Memorandum

To: C. O. Mittendorf, Defense Minerals Exploration Administration, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMA-2125 - Tungsten - Mr. M. B. Ritchie, Lobo Tungsten Mining Company, 2433 Cherry Avenue, Fresno, California

Reference is made to subject letter to me from Mr. Tom Lyon, Chairman, Coordinating Committee, Defense Minerals Administration, dated November 5.

In accordance with Mr. Lyon's request, I contacted Mr. C. A. Rockwood, mining engineer, Los Angeles Branch of the Reconstruction Finance Corporation, concerning the recalling of a $20,000 loan on the subject property. A copy of Mr. Rockwood's letter to me dated November 13, together with a plan map and section of the Tungstore workings at the time the RFC loan was made, is attached.

Attached also are four copies of a report, "DMA-2125, Lobo Tungsten Deposit, Dinkey Creek Area, Fresno County, California", by William P. Irwin, geologist, U. S. Geological Survey, dated November 28, 1951.

Mr. Irwin reports that the deposit contains 600 units of WO_3 in 1500 tons of inferred ore contained in a block with dimensions of 50 feet by 150 feet by only 2 feet wide. Most of the scheelite in the block is concentrated in small ore shoots, parts of which are ore containing 2 percent scheelite. The block as a whole cannot be mined at a profit because of its narrow width and low grade. Other similar deposits might occur along the same content but the cost of finding these, as compared to their value, would be excessively high.

Accordingly, Mr. Irwin recommends the application be turned down for the following reasons: (1) the gross value of the inferred ore is considerably less than the cost of the proposed exploration program, and the likelihood of discovering a large body

of ore is poor; (2) the possibility of mining the inferred ore at a profit is questionable; (3) the exploration program is poorly planned from the standpoint of method, and location and number of holes; (4) the applicant is believed to be incompetent to carry out the program.

Subject docket is being returned herewith.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachments

Copy to Edgar H. Bailey, USGS

RECEIVED
DEC 1 1 1951

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

DMA 2125, Lobo Tungsten Deposit

Dinkey Creek Area, Fresno County, California

William P. Irwin, Geologist
U. S. Geological Survey

November 28, 1951

Summary

The Lobo tungsten deposit is in the Dinkey Creek area of eastern Fresno County, California. The deposit is of the contact metamorphic type, and is estimated to contain 600 units of WO_3, in 1500 tons of inferred ore. Because of the meager showings and the erratic distribution of the ore, it is recommended that the owners request for Government participation in a $80,000 exploration program be denied.

Introduction

The Lobo tungsten deposit is at an altitude of 5600 feet in sec. 21, T. 10 S., R. 26 E., MDBM, about 1½ miles south of the Dinkey Creek Ranger Station in the Sierra National Forest, Kaiser Quadrangle, Fresno County, California. A dirt road extends approximately 1½ miles southeasterly from the Walter Bunn Pack Station to the deposit. The road is in fairly good condition except for a washed-out bridge where the road crosses Dinkey Creek about ½ mile from the deposit.

The deposit was located by Joe Sadler, and was held in his name until the fall of 1951. It was leased to the Tungstore Mining Company during the period of 1940-41, and 440 units of WO_3 are reported to have been recovered from 750 tons of ore. After the Tungstore Mining Company terminated its lease in 1941, the property was leased to Frank Harrington and Jim Ruggles, who obtained an RFC loan of $20,000 in 1944. The loan is reported to have been withdrawn in August 1944 because of mismanagement.

The property is now owned by Mr. and Mrs. M. R. Ritchie of Fresno, California. In September 1951 they applied through DMA for government participation in a $80,000 program to explore the deposit. On November 15, 1951, W. P. Irwin of the Geological Survey examined the deposit in the company of Mr. Ritchie. Although the property consists of ten claims, most of the time was spent examining the Lobo No. 1 claim, as it covers the principal workings and is the site of the major part of the proposed exploratory work. A sketch map of the principal workings was made at a scale of 1 inch equals 100 feet, and several hours were spent examining the deposit at night under ultraviolet light.

Workings

The principal workings are a series of open cuts on the east side of Dinkey Creek. The largest and westernmost cut is 50 feet higher and 200 feet east of the creek. It opens a westerly-facing hillside and is 40 feet deep at its face (see fig. 1). A shaft in the floor of the cut is 8 feet deep. Another cut extends 100 feet uphill to the east from the top of the face of the largest cut. Southeast of these cuts, a 130-foot bulldozer trench trends northeast and averages 8 feet in depth.

Geology

Although the area is covered for the greater part by overburden, it appears to be underlain mainly by granodiorite. The workings expose an inclusion of metamorphosed sedimentary rocks in the granodiorite. The metamorphosed rocks consist of tactite, marble, hornfels and schist. The foliation of the schistose rocks strikes east-northeast, parallel to the trend of the cuts, and is nearly vertical. The northern contact between the granodiorite and inclusion is fairly regular, and is parallel to the foliation. The southern contact between the granodiorite and inclusion is not exposed, nor has an extension of the inclusion been determined beyond the limits of the cuts. Near the east end of the cuts, however, the inclusion is at least 90 feet wide.

Tactite was observed only at the contact between the granodiorite and metamorphic rocks, and although tactite has been mined from the open cuts, the remaining tactite is poorly exposed owing to the muck in the floor of the cuts. It is exposed on the northwest wall of the shallow shaft, in the face of the largest open cut, and at the east end of the easternmost cut. The tactite appears to occur as a continuous zone ranging from several inches to as much as 5 feet thick, and averages about 2 feet thick. It consists of finely- to very coarsely-crystalline garnet, epidote, and quartz, and in places contains scheelite.

The bulldozer trench exposes a tactite zone that strikes northeast and dips steeply southeast. The zone is about 1½ feet thick, and is in contact with granodiorite to the east, and mixed granodiorite and metamorphic rocks to the west. An extension of the same zone is indicated 50 feet to the south by a concentration of tactite boulders that have been exposed by shallow bulldozer work. The relationship between the tactite zone exposed in the bulldozer trench and that exposed by the open cuts is not known.

Scheelite was observed only in the tactite, where it occurs as crystals as much as 2 inches in diameter. The average diameter of the crystals, however, is about 1/16 inch. Under ultra-violet light the scheelite fluoresces a pale golden color, and appears to contain considerable molybdenum.

Ore

No scheelite is exposed in the shaft, but in the face of the largest cut it occurs in the tactite zone for a height of 20 feet above the floor. There the tactite contains scheelite over a width of about 2 feet with an estimated average grade of 0.25% WO_3. At the east end of the easternmost cut a considerable amount of tactite is exposed, but an area of only about 2 square feet is scheelite-bearing tactite, with an estimate grade of less than 0.5% WO_3. The tactite exposed in the bulldozer trench is estimated to contain 0.75% WO_3.

The average grade of all tactite observed in place is estimated to be less than 0.25% WO_3. Nevertheless it is probable that small

ore shoots have been encountered during the mining, from which high grade scheelite-bearing tactite has been extracted. Approximately 3 tons of ore containing about 2% WO_3 is piled in the eastern cut, and is reported by Mr. Ritchie to have been mined near that point in the cut. The overburden that sloughes over the east end of the eastern most cut contains abundant coarse grains of scheelite, and indicated that high-grade ore was mined or stockpiled near that point, or that a high grade shoot is concealed a short distance beyond the end of the cut.

Ore Reserves

Although there are no reserves of measured ore, and the amount of indicated ore is negligible, a small tonnage of ore is inferred. There is no indication that the tactite zone exposed in the open cuts increases or decreases in grade or thickness at depth or along the strike. It seems reasonable, therefore, that a block of tactite 50 deep, 150 feet long and 2 feet in average thickness is inferred, with an average grade of less than 0.5% WO_3. The entire block contains about 1500 tons of tactite and approximately 600 units of WO_3, assuming that 10 cubic feet of tactite weighs one ton. Most of the scheelite is probably localized in small ore shoots that constitute less than half that tonnage. The grade of the small ore shoots may in places be as much as 2% WO_3. Additional ore may be discovered to the east beyond the end of the easternmost cut, and in the vicinity of the bulldozer cut.

Exploration

The applicant proposes 3000 feet of diamond drilling in the vicinity of the open cuts on the Lobo No. 1 claim, and if such work shows encouraging results he then plans to drill an additional 3000 feet of holes at various places on other claims in the group.

The 3000 feet of drilling on the Lobo No. 1 claim comprises 8 holes distributed along both sides of the largest open cut, and 3 holes in the bottom. Mr. Ritchie did not know the exact location of the proposed holes, nor their approximate orientation. Throughout the examination he seemed completely naive as to the nature of the deposit and the exploration procedure, and it is clear that he is incompetent to conduct an exploration program.

Exploration by drill holes spaced along the sides of the large open cut is not feasible, as the holes would be started within 30 feet of the trace of the nearly vertical tactite zone, and would cut the tactite zone below the open cut at a low angle. The reason for drilling the tactite zone from both sides of the cut is not known.

The value of diamond drilling to explore the deposit is questionable. The occurrence of scheelite in the tactite zone is erratic, and the

average grade of ore indicated by drilling might prove misleading, depending on whether or not an ore shoot is present at the point of intersection of the drill hole and tactite body. If drilling is undertaken, the findings should be used as an indication of the structure of the deposit rather than as an indication of the overall tenor of the ore.

The applicant estimated the cost of diamond drilling to be $7.50 per foot. This seems high compared to the cost of drilling the nearby Mud Lake No. 7 deposit (DMA 1559x). According to Mr. G. McGuire Pierce, the actual cost of drilling the Mud Lake No. 7 deposit was about $8.00 per foot. Much of that cost was due to the difficult accessibility of the deposit. Considering the relative ease of accessibility of the Lobo deposit compared to the Mud Lake No. 7 deposit, the cost of drilling should be considerably less. A more reasonable figure for the proposed amount of drilling would be between $5.00 and $6.00 per foot.

Recommendations

It is recommended that the request for Government participation in the exploration program be denied for following reasons:

1- The gross value of the inferred ore is considerable less than the cost of the proposed exploration program, and the likelihood of discovering a large body of ore is poor.

2- The possibility of mining the inferred ore at a profit is questionable.

3- The exploration program is poorly planned from the standpoint of method, and location and number of holes.

4- The applicant is believed to be incompetent to carry out the program.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMA 2125
(TUNGSTEN)

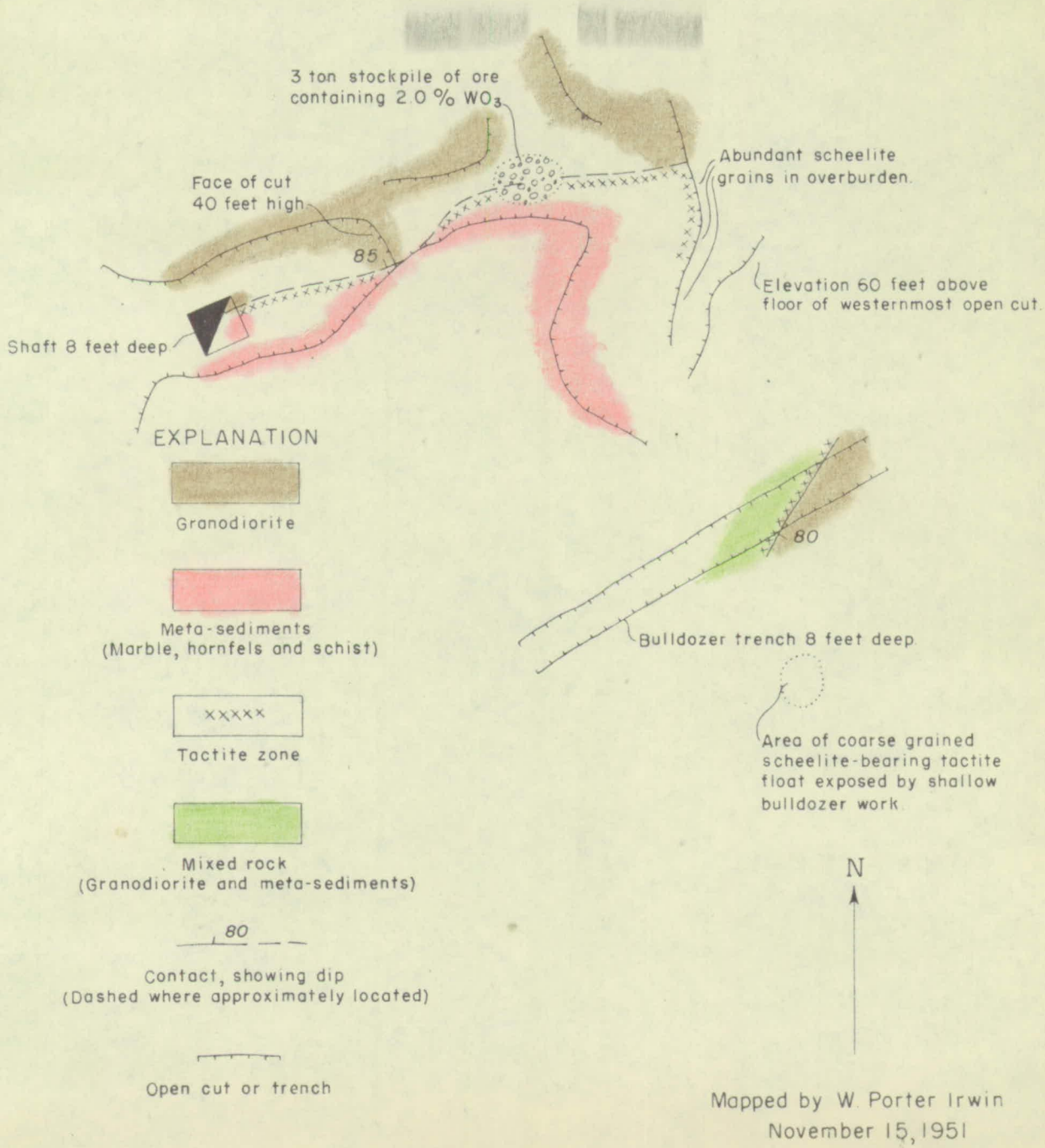

Figure No. I

Sketch map of Lobo Tungsten Deposit, Dinkey Creek area, Fresno County, California

0 50 100 Feet

Figure 2.--Looking east-northeast along strike of contact between granodiorite and meta-sediments. Contact shown by inked line, with granodiorite to left and meta-sediments to right. Taken from west end of largest open cut. Windlass over shaft in central foreground. Mr. Ritchie standing between shaft and face of cut.

PHOTOGRAPH BY
W. Lawson Jones
1966 Pacific Avenue
San Francisco 9, Calif.
Neg. No._____

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 2125

To: Reports and Records Branch

From: Ferro-Alloys Branch

Date: October 24, 1951

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

Forwarded to Field Team, Region III

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED

1951 NOV 8 PM 2:14

SAN FRANCISCO, CALIFORNIA

Index of File to Field Team
DMA-2125 Tungsten

1 copy letter to Holderer from Ritchie dated 10/8/51
1 map Fresno County
1 map Kings River Recreation Area
1 sketch Mine Shaft Lobo #1
1 sketch Claims and proposed drill holes
1 copy Claims sheets of additional information
1 copy letter to Ritchie from Holderer dated 10/3/51
1 copy MF-103 with attached sheets.
1 copy MF-100 with attached sheets.

340
FILE COPY
SURNAME:

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

OCT 26 1951

Holderer
Jacoby

G.E.C.

Mr. M. B. Ritchie
Lobo Tungsten Mining Company
2433 Cherry Avenue
Fresno, California

In reply please refer to
DMA-2125

Dear Mr. Ritchie:

We have been studying your application and are referring it to the field for additional information. It is suggested that you contact Mr. H. C. Miller, Executive Officer, DMA Field Team Region III, 1012 Flood Building, 870 Market Street, San Francisco, California, and offer him whatever assistance he may require.

Very truly yours,

SIGNED

A. B. Parsons
Acting Director, Supply Division

gf 10/26

CHHacoby:ll 10/24/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
F. T. Region III

340
FILE COPY
SURNAME:

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

Holderness
Thayer

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco, California

Subject: DMA-2125, Tungsten
Exploration Loan - $80,000
Mr. M. B. Ritchie
Lobo Tungsten Mining Company
2433 Cherry Avenue
Fresno, California

Dear Mr. Miller:

We transmit herewith the above docket for your examination. It is suggested that Mr. Rockwood, Los Angeles Branch, RFC, be contacted concerning the recalling of a $20,000 loan on the property. He may have data pertinent to the present application.

The applicant lists five core drillers and two laborers. The job is only large enough to warrant one drilling rig. Therefore, only one crew, composed of a driller and two laborers, is necessary.

This work could probably be contracted. They have a cost figure of $7,50 per foot of drilling. This seems high. We are not convinced that core drilling scheelite gives satisfactory results. An investigation of this entire question is requested.

As to labor required, we believe that one drill crew and an engineer are sufficient to carry out the project. The applicant complains of not being able to find a good engineer. It might be suggested that he offer the engineer more pay than the drillers and he would find a qualified man.

No geological maps have been submitted and the other maps and sketches submitted are inadequate. We would like a thorough study of the applicant's proposed program and a report on his ability

PL

to carry out such a program. He is not a mining man and, therefore, would have to have the service of a competent mining engineer.

Very truly yours,

A. B. Parsons, Acting Chairman
Coordinating Committee

Enclosures

Bureau of Mines

Geological Survey

CHJacoby:ll 10/24/51

CC: DMA Docket File
Adm. Reading File
Mr. Geehan
Mr. Lemmon
Mr. Holderer

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 2125

To: Reports and Records Branch

From: **Ferro-Alloys Branch**

Date: **October 24, 1951**

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

Forwarded to **Field Team, Region III**

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

Mr. H. C. Miller, Executive Officer
DMA Field Team, Region III
1012 Flood Building
870 Market Street
San Francisco, California

Subject: DMA-2125, Tungsten
Exploration Loan - $30,000
Mr. M. B. Ritchie
Lobo Tungsten Mining Company
2433 Cherry Avenue
Fresno, California

Dear Mr. Miller:

We transmit herewith the above docket for your examination. It is suggested that Mr. Rockwood, Los Angeles Branch, RFC, be contacted concerning the recalling of a $2[illegible],000 loan on the property. He may have data pertinent to the present application.

The applicant lists five core drillers and two laborers. The job is only large enough to warrant one drilling rig. Therefore, only one crew, composed of a driller and two laborers, is necessary.

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No geological maps have been submitted and the other maps and sketches submitted are inadequate. We would like a thorough study of the applicant's proposed program and a report on his ability

to carry out such a program. He is not a mining man and, therefore, would have to have the service of a competent mining engineer.

Very truly yours,

Signed

A. B. Parsons, Acting Chairman
Coordinating Committee

Enclosures

Signed
Bureau of Mines

Signed
Geological Survey

CHJacoby:ll 10/24/51

CC: DMA Docket File
Adm. Reading File
Mr. Geehan
Mr. Lemmon
Mr. Holderer

Index of File to Field Team
DMA-2125 Tungsten

1 copy letter to Holderer from Ritchie dated 10/8/51
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1 map Kings River Recreation Area
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1 sketch Claims and proposed drill holes
1 copy Claims sheets of additional information
1 copy letter to Ritchie from Holderer dated 10/3/51
1 copy MF-103 with attached sheets.
1 copy MF-100 with attached sheets.

10/24/51

Air Mail

Mr. M. B. Ritchie
2433 Cherry
Fresno, California

Dear Mr. Ritchie:

This is in reply to your letter of September 25, 1951, making inquiry as to what can be done to secure a Certificate of Authorization.

As of this date, there is nothing the Defense Minerals Administration can do to help you get a certificate. At this time, they are solely under the jurisdiction of General Services Administration. Authorization certificates can no longer be issued under existing directives. There is always a possibility that a new date may be set in the future. In the meantime, there is nothing to prevent you from continuing with your operation.

We regret we cannot be of more help to you.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

GB Holdererlll 9/21/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.

SEP 27 1951

Recd by Mr. Holderer

RITCHIE'S
General Engineering Contractors

SEP 27 8 43 AM '51

GRADING ASPHALT AND CONCRETE PAVING ROAD OILING
EXCAVATING LAND LEVELING HEAVY TRUCKING

2433 Cherry Telephone 2-2660

Fresno, California

OFFICAL FILE COPY

September 25, 1951

To	Init.	Date
340	JT	9/27
210		

Defense Minerals Agency
Department of Interior
Washington, D.C.

Dear Sirs:

Under date of September 18th 1951, I wrote to the General Services Agency, Federal Supply Service, 630 Sanaome Street, San Francisco, California, and requested a Certificate of Authorization to participate in the Domestic Tungsten Program.

Their reply dated September 24th 1951, advises me that Certificates of Authorization can no longer be issued under existing directives.

Three partners originally owned the tungsten property that we now own. We have been dealing on this property for two years and just very recently got a clear title to it, and immediately applied for our Certificate of Authorization.

Please advise us what steps we must take to secure a Certificate of Authorization at this date.

Ten thousand dollars worth of tungsten has already been taken out of our property but this was before we purchased it from the three partners, who were in constant state of disagreement.

Thanking you for the courtesy of an early reply,

LOBO TUNGSTEN MINING COMPANY

By; M B Ritchie
M.B. Ritchie

M/m

Air Mail

Mr. M. B. Ritchie
Lobo Tungsten Mining Company
2433 Cherry Avenue
Fresno, California

In reply please refer to
DMA-2125 Tungsten

Dear Mr. Ritchie:

We have reviewed your application and need the following additional information:

Form MF-103

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4- (b) How long will the job take?

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6- What is the size of the proposed building?

7-(b) Detail size and cost of equipment to be purchased. Could these be rented satisfactorily?

8- What salaries and wages are to paid? Three bosses and two laborers appear to be out of line.

9- Read carefully and furnish information.

10-(a) Please answer.
(b) Please answer.

TJBallard:ll 10/3/51
CC: DMA Docket File
Adm. REading File
Mr. Holderer
Field Team, Region III

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

340
FILE COPY
SURNAME:

Holderer
Ballard

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

OCT 4 1951 Air Mail a.g.c.

Mr. M. B. Ritchie
Lobo Tungsten Mining Company
2433 Cherry Avenue
Fresno, California

In reply please refer to
DMA-2125 Tungsten

Dear Mr. Ritchie:

We have reviewed your application and need the following additional information:

Form MF-103

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TJBallard:ll 10/3/51
CC: DMA Docket File
Adm. Reading File
Mr. Holderer
~~Field Team, Region III~~

Very truly yours,
George B. Holderer
lc 10/4

George B. Holderer
Chief, Tungsten Branch

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE OCT 4 1951

REFERRED TO:

1. 340
2.
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: For docket file

Check (X) before the items needing attention.

R Adams
Initials of sender.

GPO 16—63815-1

Air Mail

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Chief, Tungsten Branch

LOBO TUNGSTEN MINING COMPANY

ADDITIONAL INFORMATION

2 - (b) Attached you will find a Map of Fresno County marked Map No 1.
a Map of the Sierra National Forest marked Map No 2,
a Drawing of Mine Shaft on Lobo Claim No 1, Marked Map No 3.
a Map of all of the Claims Marked Map No 4.

The Map Marked Map No 1, shows the location of the Claims in connection with the city of Fresno, California, which is the nearest railroad center, and also the Dinkey Creek, which will be the water supply, and the Dinkey Creek Post Office.

The Map Marked Map No 2, Shows Section 21, Township 10 South, Range 12 East, in connection with the Dinkey Creek and the Dinkey Creek G.S., which is the Ranger Station. The Dinkey Creek Post Office is at the Ranger Station.

The Map marked Map No 3, shows a drawing of Lobo Claim No 1. The vein of tungsten is exposed on the floor of the mine shaft, and starts at points A-B, and extends back the entire length of the floor of the shaft. The vein is the full width of the floor of the shaft, which is 15 feet. The shaft extends back 100 feet and the vein of tungsten vein extends the entire 100 feet. Tungsten has been taken out above the vein that is exposed now. It was taken out directly above the vein that is now exposed.

The Map marked Map No 4, shows the location of each Claim in Section 21, T 10S, R 12 East.

LOBO TUNGSTEN MINING COMPANY

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LOBO TUNGSTEN MININGC COMPANY

ADDITIONAL INFORMATION

3 - (a) Mr. George B. Holderer, Chief, Tungsten Branch: Upon receipt of your air mail letter I conferred with Mr. H.A. Savage, who is a practical mine operator, as well as President of the American Tungsten Association, and he also is personally familiar with the tungsten deposit and tungsten showing in the Claim known as Lobo No. 1, and he was present and saw the tungsten which came out of the shaft on Lobo No 1. He advises me that the ore became much richer with depth, and that he saw ore that run better than 2% at the bottom of the shaft in 1941, when the last work was done on the mine shaft. Mr Savage has been endeavoring to put all tungsten mines to work in aid of the National Defense Effort and he owns the mine now under lease to U.S. Mines. This mine is about 12 miles higher up on the ridge above Lobo Claim No 1.

We are convinced that the best way to prospect for tungsten ore on our property is to core drill, and we estimate that 3000 feet of core drilling will be necessary on Lobo Claim No 1. This will cost a mamimum of $7.50 per foot. Until we determine the extent of the ore bady as well as the depth of the ore body we will not do any drifting or make any crosscuts. The cores will be the determining factor as to all further work on the Lobo Claim No 1.

There are ore out croppings on all of the other Claims, and if the core drilling on Lobo No. 1, is promising we will want to core drill each of the other claims. Crystal Cave Claim, Lobo No 8 and Good Hope Claim have especially good out croppings, and should have more attention than the other claims after Lobo No 1.

After core drilling 3000 feet on Lobo No 1, and another 3000 feet on the other claims we will be in a position to tell the type of mill and the extent of drifting and crosscuts that we will want to make. It will all depend on the cores.

The Lobo Claims are at the 5000 feet elevation and winter westher and snows stop all work. The season is getting late and it is our hope that you can get your engineer on the ground this fall before the snows come.

(b) The core drilling will take two years, due to weather conditions, which prohibits working in winter months.

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4 - Map No 3 shows a drawing of Lobo Claim No 1, and core holes should be drilled on the floor of the shaft and on the surface of the ground on each side of the shaft and also on the surface at the back end of the shaft.

Map No 4 shows the other claims which we own and we have marked on each claim the proposed dore drilling locations.

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LOBO TUNGSTEN MINING COMPANY

ADDITIONAL INFORMATION

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ROBO FUNSTON MINING COMPANY

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LOBO TUNGSTEN MINING COMPANY

7 - (b) A 210 Compressor with attachments is the type of equipment proposed for purchase. Following is an itemized list:

210 Compressor - - - - - -	$7500.00
Hammer (each)- - - - - - - - -	380.00
Hose and Couplings per 50' length	41.50
Core Drilling Attachment - - - -	2000.00

The following can be rented at price quoted below:

210 Compressor per month - - - - - $390.00

LOBO TUNGSTEN MINING COMPANY

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LOBO TUNGSTEN MINING COMPANY

ADDITIONAL INFORMATION

8 - The following is the schedule for a skeleton crew

1 - Engineer
1 - Foreman or Supervisor
1 - Accountant
2 - Laborers
5 - Core Drillers

We have found that the Engineer on the job provides the maps and makes suggestions to the Foreman but we have never found an engineer who will give orders to the working men or see that orders are carried out. The Unions demand a Foreman if 3 men or more are employed. In our General Engineering Contracting business our Foreman takes care of the field work and the men's time and sub,its his reports to the office where the Accontant takes care of pay rolls, office work and all accounting.

After the core drilling is completed them Miners and Muckers will have to be employed. The number will depend on the work we propose to do after seeing the cores.

LOBO TUNGSTEN MINING COMPANY

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9 - The detailed cost of materials, supplies, engineering, assaying, accounting, Power, Water Supply and Labor as submitted was figured on the basis that the core drilling would warrant drifting and crosscuts in the nine claims. If we are to confine ourselves with the expenditures of core drilling only, at this time the costs will be considerable lower.

The following is a cshedule of daily wages:

Laborer - - - - - - - -	13.60
Core Drillers - - - -	20.16
Engineer - - - - - -	20.00
Foreman - - - - - - - -	20.00
Accountant - - - - - - - -	10.00

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LOBO TUNGSTEN MINING COMPANY

ADDITIONAL INFORMATION

10 - (a) We are prepared to invest a maximum of $20,000.00, or we will invest a lesser amount if the government does see fit to allow our loan as applied for, but we will invest one fourth of the amount invested by the government.

(b) Yes.

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(b) Yes.

October 2, 1951

Mr. M. B. Ritchie, Owner
Lobo Tungsten Mining Company
2433 Cherry Avenue
Fresno, California

Subject: Exploration
Re: DMA-2125

My dear Mr. Ritchie:

This will acknowledge receipt of your application dated September 26, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA-2125 and referred to the Ferro-Alloys Branch.

Kindly refer to DMA-2125 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. [illegible]
Metal or Mineral
Date Received 10-1-54
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1951

Name and address of applicant

Lobo Tugsten Mining Company
2433 Cherry Ave
Fresno, California

Date

If you have already filed MF-100, give date filed Sept. 29 1951, type of assistance requested Loan for Exploration

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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. Section 21, Township 10 South, Range 26 East, Fresno County, State of California, Dinkey Creek Mining District.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application. Owner

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.
   Sec 21, Twp 10 South, Range 26East, Fresno County California

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. Applicant is owner

2. (*a*) What metals or minerals do you expect to find? Tungsten

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.
   See Attached Sheet

16—64067-2

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project? $20,000.00

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.
    All mining men and mining engineers agree on the property as being well worth w[illegible] while and advise further develo[illegible]ment.

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.

Lobo Tungsten Mining Company
(Name of company)

By M.B. Ritchie
(Signature of authorized official)

M.B. Ritchie

Sept 26, 1951
(Date)

Owner
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Lobo Tungsten Mining Company

2.

(b) Type of ore deposit is tungsten. 750 tons have been taken out of the mine shaft. This was a total of 440 units and made a gross income of $10,000.00. We have no information except the following:

Joe Sadler located the ore body, and leased the property to Tungstor Company, who took out the above mentioned 750 tons of ore. Tungstor had difficulties with Sadler and moved to other property in the area of Bishop California. Sadler then interested Frank Harrington and Jim Ruggles in the property. The formed the Lobo Mining Company and secured a loan of $20,000.00 from the Reconstruction Finance Corporation, for exploration purposes. The three partners became involved in a controversy and the R F C recalled the loan in August 1944. All papers regarding this loan and the termination are on file in the Los Angeles office of the R F C and a Mr. Rockwood is the man who handled the case. The property ~~xxxxxxxx~~ has laid idle since that time. After negotiating for two years we bought the three quarreling partners out and want to produce tungsten.

The property comprises 9 mining claims of 20 acres each. The Lobo No 1 Claim is the only one that has been explored or mined. The other 8 claims all have tungsten ore at the discovery point, but there is no knowledge of the amount of size of the ore body. Lobo Claim No 1 has a mine shaft 100 feet long, 30 feet deep and 15 feet wide, and the walls and bottom of the shaft shows tungsten ore under a mineral lite.

The R.F . C. Agency that handled the Loan mentioned above is located in Loa Anfeles, California. Mr. Rockwood is in the Los Angeles office at the present time.

Lobo Tungsten Mining Company

3. (a)

The work proposed is exploration for tungsten bodies and veins on the nine (9) claims owned by the Lobo Tungsten Mining Company. Tungsten ore amounting to 750 tons or 440 units has already been taken out of a mine shaft on one of the claims known as Lobo Claim No. 1

(b)

Work on the Claims will be started immediately after receipt of assistance from the government, or participation by the government in our exploration program.

The property owned by the Lobo Tungsten Mining Company comprises nine (9) mining claims known as Lobo No 1, Lobo No 3, Lobo No. 4, Lobo No. 5, Lobo No. 6, Lobo No. 7, Lobo No. 8, Good Hope and Crystal Cave. They are located in Section 21, Township 10 South, Range 26 East, Fresno County, State of California.

The property is 62 miles from the city of Fresno California, in Fresno County. The mining District is known as the Dinkey Creek Mining District. The road from Fresno California to the mining istrict is oiled. The mine shaft is on Lobo Claim No. 1, and is 100 feet long, 30 feet deep and 15 feet wide. Tungsten ore can be seen on the walls and bottom of the shaft under a mineral lite. Dinkey Creek, a medium sized creek is about loo feet from the opening of the mine shaft, and about 200 feet below the shaft.

Lobo Tungsten Mining Company

5. The existing facilities and installations are as follows:

4 - 12x16 cabins
2 - 500 ton ore bins
1 - 100'x 30'x 15' mine shaft
1000' 2" pipe
miscellaneous timbers
Powder Storage Dugout

All in good condition.

Lobo Tungsten Mining Company

6. An additional building will be needed to provide shelter from weather for the equipment. This can be erected at a cost of $500.00.

Lobo Tungsten Mining Company

7.

(a) No equipment will be rented

(b) The following equipment will be purchased:

Compressor with hammers and core drilling attachment
at a cost of $12,000.00

(c) The following equipment will be furnished by M.B. Ritchie and M.R. Ritchie, owners of Lobo Tungsten Mining Company:

D 8 Caterpillar Tractor with Dozer and Carryall and Ripper
Dump Truck
Skip Loader

Lobo Tungsten Mining Company

8. The following is a schedule of the labor necessary for the exploration work:

1 - Engineer
1 - Supervisor or Foreman
1 - Accountant
2 - Laborers
Core Drillers

9.
The following is a detailed list of the estimated cost:

Materials - - - - - - - - - - -	$15,000.00
Supplies - - - - - - - - - - -	20,000.00
Engineering - - - - - - - - -	7,500.00
Assaying - - - - - - - - - - -	1,000.00
Accounting - - - - - - - - - -	7,500.00
Power - - - - - - - - - - - - -	4,000.00
Water Supply - - - - - - - -	2,000.00
Labor & Core Drillers - - - -	23,000.00
TOTAL	$80,000.00

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMA 21-25
Metal or Mineral
Date Received 10-1-51
Amount $
Participation (Government %)

RECEIVED OCT 1 1951 DEPARTMENT OF THE INTERIOR Defense Minerals Administration

Name and address of applicant

Lobo Tugsten Mining Company
2433 Cherry Ave
Fresno, California

Date

If you have already filed MF-100, give date filed Sept. 29 1951, type of assistance requested Loan for Exploration

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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. Section 21, Township 10 South, Range 26 East, Fresno County, State of California, Dinsey Creek Mining District.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application. Owner

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.
   Sec 21, Twp 10 South, Range 26East, Fresno County California

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. Applicant is owner

2. (*a*) What metals or minerals do you expect to find? Tungsten

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.
   See Attached Sheet

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project? $20,000.00

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.
All mining men and mining engineers pass on the property as being well worth a while and advise further development.

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.

Lobo Tungsten Mining Company
(Name of company)

By M. B. Ritchie
(Signature of authorized official)

M.B. Ritchie

Sept 16, 1951
(Date)

Owner
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Lobo Tungsten Mining Company

2.

(b) Type of ore deposit is tungsten. 750 tons have been taken out of the mine shaft. This was a total of 440 units and made a gross income of $10,000.00. We have no information except the following:

Joe Sadler located the ore body, and leased the property to Tungster Company, who took out the above mentioned 750 tons of ore. Tungster had difficulties with Sadler and moved to other property in the area of Bishop California. Sadler then interested Frank Harrington and Jim Ruggles in the property. The formed the Lobo Mining Company and secured a loan of $20,000.00 from the Reconstruction Finance Corporation, for exploration purposes. The three partners became involved in a controversy and the R F C recalled the loan in August 1944. All papers regarding this loan and the termination are on file in the Los Angeles office of the R F C and a Mr. Rockwood is the man who handled the case. The property ~~xxxxxxxx~~ has laid idle since that time. After negotiating for two years we bought the three quarreling partners out and went to produce tungsten.

The property comprises 9 mining claims of 20 acres each. The Lobo No 1 Claim is the only one that has been explored or mined. The other 8 claims all have tungsten ore at the discovery point, but there is no knowledge of the amount of size of the ore body. Lobo Claim No 1 has a mine shaft 100 feet long, 30 feet deep and 15 feet wide, and the walls and bottom of the shaft shows tungsten ore under a mineral lite.

The R.F . C. Agency that handled the Loan mentioned above is located in Los Anfeles, California. Mr. Rockwood is in the Los Angeles office at the present time.

Lobo Tungsten Mining Company

3. (a)

The work proposed is exploration for tungsten bodies and veins on the nine (9) claims owned by the Lobo Tungsten Mining Company. Tungsten ore amounting to 750 tons or 440 units has already been taken out of a mine shaft on one of the claims known as Lobo Claim No. 1

(b)

Work on the Claims will be started immediately after receipt of assistance from the government, or participation by the government in our exploration program.

4.

The property owned by the Lobo Tungsten Mining Company comprises nine (9) mining claims known as Lobo No 1, Lobo No 3, Lobo No. 4, Lobo No. 5, Lobo No. 6, Lobo No. 7, Lobo No. 8, Good Hope and Crystal Cave. They are located in Section 21, Township 10 South, Range 26 East, Fresno County, State of California.

The property is 62 miles from the city of Fresno California, in Fresno County. The mining District is known as the Dinkey Creek Mining District. The road from Fresno California to the mining District is oiled. The mine shaft is on Lobo Claim No. 1, and is 100 feet long, 30 feet deep and 15 feet wide. Tungsten ore can be seen on the walls and bottom of the shaft under a mineral lite. Dinkey Creek, a medium sized creek is about loo feet from the opening of the mine shaft, and about 200 feet below the shaft.

Lobo Tungsten Mining Company

5. The existing facilities and installations are as follows:

4 - 12x16 cabins
2 - 500 ton ore bins
1 - 100'x 30'x 15' mine shaft
1000' 2" pipe
miscellaneous timbers
Powder Storage Dugout

All in good condition.

Lobo Tungsten Mining Company

6.

An additional building will be needed to provide shelter from weather for the equipment. This can be erected at a cost of $500.00.

Lobo Tungsten Mining Company

7.

(a) No equipment will be rented

(b) The following equipment will be purchased:

Compressor with hammers and core drilling attachment
at a cost of $12,000.00

(c) The following equipment will be furnished by W.B. Ritchie and M.R. Ritchie, owners of Lobo Tungsten Mining Company:

D 8 Caterpillar Tractor with Dozer and Carryall and Ripper
Dump Truck
Skip Loader

9.
The following is a detailed list of the estimated cost:

Materials - - - - - - - - - - -	$15,000.00
Supplies - - - - - - - - - - -	20,000.00
Engineering - - - - - - - - -	7,500.00
Assaying - - - - - - - - - - -	1,000.00
Accounting - - - - - - - - - -	7,500.00
Power - - - - - - - - - - - - -	4,000.00
Water Supply - - - - - - - -	2,000.00
Labor & Core Drillers - - - -	23,000.00
TOTAL	$80,000.00

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 1 1951

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

Not To Be Filled in by Applicant

Docket No. Kynsal 3125
Metal or Mineral
Date Received 10-1-51
Amount $
Participation (Government %)

Name and address of applicant

Lobo Tungsten Mining Company
2433 Cherry Ave
Fresno, California

Date

If you have already filed MF-100, give date filed Sept. 29 1951, type of assistance requested Loan for Exploration

DMA Docket Number (if available)

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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. Section 21, Township 10 South, Range 26 East, Fresno County, State of California, Mount Chief Mining District.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application. Owner

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. Sec 21, Twp 10 South, Range 26East, Fresno County California

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. Applicant is owner

2. (*a*) What metals or minerals do you expect to find? Tungsten

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned. See Attached Sheet

16—64067-2

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ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

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   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

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10. (*a*) How much are you prepared to invest in the proposed project? $20,000.00

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)? yes

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.
All mining men and mining engineers pass on the property as being well worth while and advise further development.

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.

Lobo Tungsten Mining Company
(Name of company)

By M D Ritchie
(Signature of authorized official)

M.D. Ritchie

Sept 26, 1951
(Date)

Owner
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Lobo Tungsten Mining Company

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(b) Type of ore deposit is tungsten. 750 tons have been taken out of the mine shaft. This was a total of 440 units and made a gross income of $10,000.00. We have no information except the following:

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The R.F . C. Agency that handled the Loan mentioned above is located in Los Anfeles, California. Mr. Rockwood is in the Los Angeles office at the present time.

Lobo Tungsten Mining Company

3. (a) The work proposed is exploration for tungsten bodies and veins on the nine (9) claims owned by the Lobo Tungsten Mining Company. Tungsten ore amounting to 750 tons or 440 units has already been taken out of a mine shaft on one of the claims known as Lobo Claim No. 1

(b) Work on the Claims will be started immediately after receipt of assistance from the government, or participation by the government in our exploration program.

4.

The property owned by the Lobo Tungsten Mining Company comprises nine (9) mining claims known as Lobo No 1, Lobo No 3, Lobo No. 4, Lobo No. 5, Lobo No. 6, Lobo No. 7, Lobo No. 8, Good Hope and Crystal Cave. They are located in Section 21, Township 10 South, Range 26 East, Fresno County, State of California.

The property is 62 miles from the city of Fresno California, in Fresno County. The mining District is known as the Dinkey Creek Mining District. The road from Fresno California to the mining istrict is oiled. The mine shaft is on Lobo Claim No. 1, and is 100 feet long, 30 feet deep and 15 feet wide. Tungsten ore can be seen on the walls and bottom of the shaft under a mineral lite. Dinkey Creek, a medium sized creek is about loo feet from the opening of the mine shaft, and about 200 feet below the shaft.

Lobo Tungsten Mining Company

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miscellaneous timbers
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All in good condition.

Lobo Tungsten Mining Company

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Lobo Tungsten Mining Company

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Dump Truck
Skip Loader

Lobo Tungsten Mining Company

8.
The following is a schedule of the labor necessary for the exploration work:

1 - Engineer
1 - Supervisor or Foreman
1 - Accountant
2 - Laborers
Core Drillers

9. The following is a detailed list of the estimated cost:

Materials - - - - - - - - - - -	$15,000.00
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Engineering - - - - - - - - -	7,500.00
Assaying - - - - - - - - - - -	1,000.00
Accounting - - - - - - - - - -	7,500.00
Power - - - - - - - - - - - - -	4,000.00
Water Supply - - - - - - - - -	2,000.00
Labor & Core Drillers - - - -	23,000.00
TOTAL	$80,000.00