DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2400

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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

GION III.
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To: Code 400, Rm. 3538 Date 3-3-52

To: Operating Com. Date 3-14-52

To: Oper. Comm. Date 6-13-52.

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To: _____ Date _____

To: _____ Date _____

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INT.-DUP. SEC., WASH., D.C. 98868

denied

JUN 1 6 1952

Mr. John F. Pieler, et al
Three Partners Mine
P.O. Box 962
Ely, Nevada

Re: Docket No. DMTA 2400 - Tungsten
Three Partners Mine
White Pine County, Nevada

Gentlemen:

Your application for aid for an exploration project and other reports relating to the above noted property available to us in Washington have been carefully reviewed.

This information, while noting a small amount of tungsten mineralization 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

Acting Administrator
Defense Minerals Exploration
Administration

FARutledge:lm
6/11/52

cc: Admn. Reading File
Docket
H. W. Gasman, USBM
D. H. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. O. Selfridge
F. A. Rutledge

Acting Administrator, DMEA

June 10, 1952

Iron and Ferro-Alloy Division, DMEA

Denial of application for exploration assistance in the amount of $1,000.00
Docket No. DMEA 2400 - Tungsten
Three Partners Mine
White Pine County, Nevada

The denial of the subject application by this Division is based on the following information:

1. Scheelite occurs in thin, calcite filled fractures adjacent to vertical quartz-calcite veins cutting limestone of moderate westerly dip. The quartz-calcite veins are not mineralized. Scheelite was observed in 2 of 6 shallow pits. Analyses of the two areas sampled were both less than 0.01 percent WO_3.

2. There is no geologic evidence to support the inference of finding more concentrated deposits of tungsten mineralization.

3. The Commodity Division of the U. S. Geological Survey recommends denial.

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

FARutledge'lm
6/10/52

cc: Admn. Reading File
Docket
G. C. Selfridge
F. A. Rutledge

IN REPLY REFER TO:

G[illegible]-[illegible]

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

June 5, 1952

Memorandum

To: George C. Walfridge, DMEA

From: D. M. Lemmon, USGS

Subject: Field report DMEA 2400 - Tungsten
Three Partners claim
Fisler, Taylor and Russell
Ely, Nevada

An examination of this prospect was made April 26, 1952 by L. F. Fuller of the Bureau of Mines. A small amount of scheelite was observed in 2 pits. Two samples were taken and found to contain less than 0.01 percent of WO_3.

I concur with the Field Team recommendation that the application be denied.

D. M. Lemmon

DMLemmon:gt

Copy retained 400

400

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Office of
Executive Officer
DMEA Field Team
Region III

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

May 27, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, Defense Minerals Exploration Administration, Washington, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2400, Exploration Loan Application (Tungsten), John P. Pieler, Loren B. Taylor and W. F. Russell, P. O. Box 962, Ely, Nevada

Reference is made to "Review of Application for Exploration Assistance", dated March 17, 1952.

Attached are four copies of a memorandum report by L. F. Muller, Mining Engineer, Bureau of Mines, Region III, to A. C. Johnson, Chief, Mining Division, Bureau of Mines, Region III, on the subject property.

According to the examining engineer, the scheelite occurs in thin, calcite filled fractures adjacent to vertical quartz-calcite veins cutting limestone of moderate westerly dip. The quartz-calcite veins are not mineralized. He also states that the probability of making a significant ore discovery by trenching or work at depth is unlikely. Samples were taken of the scheelite exposures and analyzed less than 0.01% WO_3. He also stated that there was no need to prepare a new application for an exploration loan as the property did not warrant Government assistance.

The subject docket is being returned herewith.

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

Attachment

Reviewed by
DMEA OPERATING COMMITTEE

6-9-52
(date)

A. C. Johnson, Chief, Mining Div., Reg. III May 19, 1952

L. F. Muller, Mining Engineer, Bureau of Mines, Reg. III

Docket DMEA-2400, Exploration Loan Application (Tungsten),
John P. Pieler, Loren B. Taylor and W. F. Russell,
P. O. Box 962, Ely, Nevada

The Three Partners Claims, located by John P. Pieler, Loren B. Taylor, and W. F. Russell (Post Office Box 962, Ely, Nevada), were examined on April 26, 1952 by an engineer of the U. S. Bureau of Mines in connection with exploration loan application DMEA-2400 (tungsten). Mr. Taylor accompanied the engineer.

The property is located in sec. 12, T. 19 N., R. 62 E., M.D.B.&M., 24.9 miles north of Ely, White Pine County, Nev., and is reached by traveling 8.1 miles north on Highway 50, then 15.7 miles northwest to Baker (Campbell) ranch, then 1.1 miles west. The prospect is situated in the foothills along the east flank of the Egan Range.

Workings consist of 6 shallow pits. Scheelite was observed in 2 of these; however, neither occurrence could be considered to be ore. No shipments have been made.

Mineral occurs in thin, calcite filled fractures adjacent to vertical quartz-calcite veins cutting limestone of moderate westerly dip. Quartz-calcite veins are not mineralized. Little or no overburden covers the formations. Probability of making a significant ore discovery by surface trenching or work at depth appears to be doubtful.

Samples were taken of the two scheelite exposures. Results of assays were 0.01* and 0.01* percent WO_3 for sample areas of 4 and 5 square feet respectively.

Assistance was to have been given in the preparation of a suitable exploration loan application. This is not warranted as Government participation in exploration is not recommended because of the minor amount of mineral exposure and mode of occurrence.

L F Muller

L. F. Muller

*Less than.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 2 1952

MAR 17 1952

Mr. John F. Fieler, et al
Three Partners Mine
P.O. Box 962
Ely, Nevada

Re: Docket No. DMEA 2400X - Tungsten
Three Partners Mine
White Pine County, Nevada

Gentlemen:

Your application for assistance in exploring the subject property has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration, and has been referred to Mr. N. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination.

The Regional Office will contact you at an early date in regard to the examination of your property. Any assistance that you can give the members of the field team in the examination will be appreciated.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

GLBrewer:lm
3/10/52

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

IN REPLY REFER TO:

G-MD-DML

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

March 4, 1952

Memorandum

To: George C. Selfridge, DMEA

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

Subject: Exploration application $1,000 DMEA 2400 - Tungsten
John P. Pieler
Loren B. Tayler
W. F. Russell
Box 962, Ely, Nevada

Property: Three Partners claims
9 miles NW from McGill, White Pine County, Nevada
1½ miles SW of Campbell Ranch, preliminary search
for which apparently involves a stop at Club 50
South of McGill.

The applicants have not drawn up any satisfactory exploration application, and have not definitely proved that there is any scheelite on the property.

The claims have not been examined by the Geological Survey.

It is recommended that the docket be referred to the Field Team for examination. If exploration be warranted, the Field Team should assist in preparation of a suitable application.

DM Lemmon

DMLemmon:gt

FILE COPY
SURNAME:

Rutledge
Selfridge
Lemmon
F. Johnson

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

JUN 16 1952

Mr. John P. Fieler, et al
Three Partners Mine
P.O. Box 962
Ely, Nevada

Re: Docket No. DMEA 2400 - Tungsten
Three Partners Mine
White Pine County, Nevada

Gentlemen:

Your application for aid for an exploration project and other reports relating to the above noted property available to us in Washington have been carefully reviewed.

This information, while noting a small amount of tungsten mineralization 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 (for) J.N. 6-16-52

Acting Administrator
Defense Minerals Exploration
Administration

FARutledge:lm
6/11/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. III
Operating Committee
G. C. Selfridge
F. A. Rutledge

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : Acting Administrator, DMEA DATE: June 10, 1952

FROM : Iron and Ferro-Alloy Division, DMEA

SUBJECT: Denial of application for exploration assistance in the amount of $1,000.00
Docket No. DMEA 2400 - Tungsten
Three Partners Mine
White Pine County, Nevada

The denial of the subject application by this Division is based on the following information:

1. Scheelite occurs in thin, calcite filled fractures adjacent to vertical quartz-calcite veins cutting limestone of moderate westerly dip. The quartz-calcite veins are not mineralized. Scheelite was observed in 2 of 6 shallow pits. Analyses of the two areas sampled were both less than 0.01 percent WO_3.

2. There is no geologic evidence to support the inference of finding more concentrated deposits of tungsten mineralization.

3. The Commodity Division of the U. S. Geological Survey recommends denial.

G. C. Selfridge

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

FILE COPY 400
SURNAME:

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

Acting Administrator, DMEA

June 10, 1952

Rutledge
Selfridge
Gulden
Lemmon

Iron and Ferro-Alloy Division, DMEA

Denial of application for exploration assistance in the amount of $1,000.00
Docket No. DMEA 2400 - Tungsten
Three Partners Mine
White Pine County, Nevada

The denial of the subject application by this Division is based on the following information:

1. Scheelite occurs in thin, calcite filled fractures adjacent to vertical quartz-calcite veins cutting limestone of moderate westerly dip. The quartz-calcite veins are not mineralized. Scheelite was observed in 2 of 6 shallow pits. Analyses of the two areas sampled were both less than 0.01 percent WO_3.

2. There is no geologic evidence to support the inference of finding more concentrated deposits of tungsten mineralization.

3. The Commodity Division of the U. S. Geological Survey recommends denial.

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

FARutledge'lm
6/10/52

cc: Admn. Reading File
Docket
G. C. Selfridge
F. A. Rutledge

IN REPLY REFER TO:

G-MD-DML

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

June 5, 1952

Memorandum

To: George C. Selfridge, DMEA

From: D. M. Lemmon, USGS

Subject: Field report DMEA 2400 - Tungsten
Three Partners claim
Pieler, Taylor and Russell
Ely, Nevada

An examination of this prospect was made April 26, 1952 by L. F. Muller of the Bureau of Mines. A small amount of scheelite was observed in 2 pits. Two samples were taken and found to contain less than 0.01 percent of WO_3.

I concur with the Field Team recommendation that the application be denied.

D. M. Lemmon

D. M. Lemmon

Copy retained 400

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 2 1952

Office of
Executive Officer
DMEA Field Team
Region III

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

May 27, 1952

Memorandum

To: Frank E. Johnson, Chairman, Operating Committee, Defense Minerals Exploration Administration, Washington, D. C.

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket DMEA-2400, Exploration Loan Application (Tungsten), John P. Pieler, Loren B. Taylor and W. F. Russell, P. O. Box 962, Ely, Nevada

Reference is made to "Review of Application for Exploration Assistance", dated March 17, 1952.

Attached are four copies of a memorandum report by L. F. Muller, Mining Engineer, Bureau of Mines, Region III, to A. C. Johnson, Chief, Mining Division, Bureau of Mines, Region III, on the subject property.

According to the examining engineer, the scheelite occurs in thin, calcite filled fractures adjacent to vertical quartz-calcite veins cutting limestone of moderate westerly dip. The quartz-calcite veins are not mineralized. He also states that the probability of making a significant ore discovery by trenching or work at depth is unlikely. Samples were taken of the scheelite exposures and analyzed less than 0.01% WO_3. He also stated that there was no need to prepare a new application for an exploration loan as the property did not warrant Government assistance.

The subject docket is being returned herewith.

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

Copy retained 400

Attachment

Copy to E. H. Bailey, USGS

Reviewed by
DMEA OPERATING COMMITTEE
6-9-52
(date)

A. C. Johnson, Chief, Mining Div., Reg. III May 19, 1952

L. F. Muller, Mining Engineer, Bureau of Mines, Reg. III

Docket DMEA-2400, Exploration Loan Application (Tungsten),
John P. Pieler, Loren B. Taylor and W. F. Russell,
P. O. Box 962, Ely, Nevada

The Three Partners Claims, located by John P. Pieler, Loren B. Taylor, and W. F. Russell (Post Office Box 962, Ely, Nevada), were examined on April 26, 1952 by an engineer of the U. S. Bureau of Mines in connection with exploration loan application DMEA-2400 (tungsten). Mr. Taylor accompanied the engineer.

The property is located in sec. 12, T. 19 N., R. 62 E., M.D.B.&M., 24.9 miles north of Ely, White Pine County, Nev., and is reached by traveling 8.1 miles north on Highway 50, then 15.7 miles northwest to Baker (Campbell) ranch, then 1.1 miles west. The prospect is situated in the foothills along the east flank of the Egan Range.

Workings consist of 6 shallow pits. Scheelite was observed in 2 of these; however, neither occurrence could be considered to be ore. No shipments have been made.

Mineral occurs in thin, calcite filled fractures adjacent to vertical quartz-calcite veins cutting limestone of moderate westerly dip. Quartz-calcite veins are not mineralized. Little or no overburden covers the formations. Probability of making a significant ore discovery by surface trenching or work at depth appears to be doubtful.

Samples were taken of the two scheelite exposures. Results of assays were 0.01* and 0.01* percent WO_3 for sample areas of 4 and 5 square feet respectively.

Assistance was to have been given in the preparation of a suitable exploration loan application. This is not warranted as Government participation in exploration is not recommended because of the minor amount of mineral exposure and mode of occurrence.

L. F. Muller

L. F. Muller

*Less than.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 2 1952

FILE COPY
SURNAME:

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

Brewer
Selfridge
Reyburn
Mayo
F. J. Johnson

MAR 17 1952

Mr. John P. Pieler, et al
Three Partners Mine
P.O. Box 962
Ely, Nevada

Re: Docket No. DMEA 2400X - Tungsten
Three Partners Mine
White Pine County, Nevada

Gentlemen:

Your application for assistance in exploring the subject property has been reviewed by the Iron and Ferro-Alloy Division of the Defense Minerals Exploration Administration, and has been referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination.

The Regional Office will contact you at an early date in regard to the examination of your property. Any assistance that you can give the members of the field team in the examination will be appreciated.

Sincerely yours,

C. O. Mittenderf (for) J.N. 3-17-52

Acting Administrator
Defense Minerals Exploration
Administration

QLBrewer'lm
3/10/52

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

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

MAR 17 1952

Brewer
Selfridge
Gilman

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant John P. Pieler, et al

Docket No. 2400

Commodity Tungsten

Amount $ 1,000.00

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

Frank E. Johnson

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

C. H. Johnson
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

13759

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA 2400

Commodity Tungsten

Total Amount $1,000.00

Govt. Participation $750.00

1. Name and Address of Applicant John P. Pieler, Loren B. Taylor and W. F. Russell, P.O. Box 962, Ely, Nevada

2. Location of Property Three Partners Claims, 9 Mi. N.W. of McGill, White Pine County, Nevada

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination Don't know - No data in Washington

e) Is there an alternative and favorable project? Don't know - Depends on field team
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? -----

Does the lease have sufficient time to run to cover a future productive period? -----

*question numbers are those of MF-103

7. Are subordination agreements necessary? **No**

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower **Yes**

b) Equipment and supplies **Yes**
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* **Yes**

d) Water (question 13)* **Don't know**

e) Power (question 13)* **Don't know**

Is a field check needed on any of these points? **Yes**

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* **Yes, by inference, needs checking.**

Is a field check needed on this point? **Yes**

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? **No - Field team is to assist in preparing suitable revised application.**

If not, are there sufficient data given so that you can describe the project? **No** If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? **No**

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? **Yes**

If not, what part of it is? _____

Is this part a worthwhile exploration project? ----

d) Are the cost estimates detailed? **No**

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? **No** If so, attach a draft.

e) Are the cost estimates reasonable? **None given, only the total figure.**

f) Should more information be requested from applicant? **Yes**

g) Is a field examination necessary to complete Exhibit A? **Yes**

11. Exhibit B (question 23-d)*

a) Is it applicable? **None required**

b) If so, are sufficient data furnished? ----- If so, attach a draft.

c) Is a field check needed? -----

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? **Yes, but not given by applicant.**

b) Sufficient data? **No** If so, attach a draft.

c) Are rents and charges reasonable? -----

d) Is a field check needed? **Yes**

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? **No**

b) Is the schedule adequate for the work proposed? **Offers labor at no cost**

c) Is the schedule excessive for the work proposed?

d) Are the proposed wages and salaries reasonable? **Yes**

e) Is a field check needed? **Yes**

14. Exhibit E (question 23-c)*

a) Is it applicable? **No**

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? **Don't know. Field team should prepare revised application.**

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? **This appears to be a new discovery in an area on which no data are available. One ton of material of "good commercial quality" was taken "out at night with a mineral light". The field team is to examine, and in company with the applicants, prepare a revised application so as to best explore the property, if warranted. This examination should be made only when the field team is in the area on other work.**

Enclosures:

MF-103, enclosing sketch map
USGS Opinion

Reviewed by: **Q. L. Brewer**

Date **March 10, 1952**

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

MAR 17 1952

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant John P. Pieler, et al

Docket No. 2400

Commodity Tungsten

Amount $ 1,000.00

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

C. H. Johnson
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

13759

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA 2400

Commodity Tungsten

Total Amount $1,000.00

Govt. Participation $750.00

1. Name and Address of Applicant John P. Pieler, Loren B. Taylor and W. F. Russell, P.O. Box 962, Ely, Nevada

2. Location of Property Three Partners Claims, 9 Mi. N.W. of McGill, White Pine County, Nevada

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery--based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know--needs field examination Don't know - No data in Washington

e) Is there an alternative and favorable project? Don't know - Depends on field team
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? ----

Does the lease have sufficient time to run to cover a future productive period? ----

*question numbers are those of MF-103

7. Are subordination agreements necessary? **No**

   a) MF-201? _____

   b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

   a) Available manpower **Yes**

   b) Equipment and supplies **Yes**
      (question 14 plus general knowledge of availability)*

   c) Accessibility (question 12)* **Yes**

   d) Water (question 13)* **Don't know**

   e) Power (question 13)* **Don't know**

   Is a field check needed on any of these points? **Yes**

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* **Yes, by inference, needs checking.**

   Is a field check needed on this point? **Yes**

10. Exhibit A. (question 21 and 22)*

    a) Is the project adequately described? **No - Field team is to assist in preparing suitable revised application.**

       If not, are there sufficient data given so that you can describe the project? **No** If so, attach a draft.

    b) Is there an adequate map or sketch of the proposed work? **No**

    c) Is the proposed work "exploration" under the definition of Section 8, MO-5? **Yes**

       If not, what part of it is? _____

Is this part a worthwhile exploration project? ——

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given, only the total figure.

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? None required

b) If so, are sufficient data furnished? —— If so, attach a draft.

c) Is a field check needed? ——

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes, but not given by applicant.

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? ——

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Offers labor at no cost

c) Is the schedule excessive for the work proposed?

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? **No**

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? **Don't know. Field team should prepare revised application.**

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? **This appears to be a new discovery in an area on which no data are available. One ton of material of "good commercial quality" was taken "out at night with a mineral light". The field team is to examine, and in company with the applicants, prepare a revised application so as to best explore the property, if warranted. This examination should be made only when the field team is in the area on other work.**

Enclosures:

MF-103, enclosing sketch map
USGS Opinion

Reviewed by: **Q. L. Brewer**

Date **March 10, 1952**

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

MAR 17 1952

Original → Brewer
(5) Selfridge
(3) Sehan

Mr. H. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant John P. Pieler, et al

Docket No. 2400

Commodity Tungsten

Amount $ 1,000.00

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

J.N. 3-17-52

(signed) FRANK E. JOHNSON

(FEJ)

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

C. H. Johnson (HB)
Member, Bureau of Mines

T. P. Thayer (HB)
Member, Geological Survey

13759

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA 2400

Commodity Tungsten

Total Amount $1,000.00

Govt. Participation $750.00

1. Name and Address of Applicant John P. Pieler, Loren B. Taylor and W. F. Russell, P.O. Box 962, Ely, Nevada

2. Location of Property Three Partners Claims, 9 Mi. N.W. of McGill, White Pine County, Nevada

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination Don't know - No data in Washington

e) Is there an alternative and favorable project? Don't know - Depends on field team
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? ——

Does the lease have sufficient time to run to cover a future productive period? ——

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Don't know

e) Power (question 13)* Don't know

Is a field check needed on any of these points? Yes

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes, by inference, needs checking.

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? No - Field team is to assist in preparing suitable revised application.

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes

If not, what part of it is? _____

Is this part a worthwhile exploration project? ——

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given, only the total figure.

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? None required

b) If so, are sufficient data furnished? —— If so, attach a draft.

c) Is a field check needed? ——

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes, but not given by applicant.

b) Sufficient data? No If so, attach a draft.

c) Are rents and charges reasonable? ——

d) Is a field check needed? Yes

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Offers labor at no cost

c) Is the schedule excessive for the work proposed?

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data?

c) Reasonable?

d) Field check needed?

15. In your judgment, can the proposed work be done in the proposed time? Don't know. Field team should prepare revised application.

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This appears to be a new discovery in an area on which no data are available. One ton of material of "good commercial quality" was taken "out at night with a mineral light". The field team is to examine, and in company with the applicants, prepare a revised application so as to best explore the property, if warranted. This examination should be made only when the field team is in the area on other work.

Enclosures:

MF-103, enclosing sketch map
USGS Opinion

Reviewed by: Q. L. Brewer

Date March 10, 1952

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

MAR 17 1952

Mr. E. C. Miller
Executive Officer, Region III
1012 Flood Building
870 Market Street
San Francisco 2, California

Dear Sir:

We attach "Review of Application for Exploration Assistance" on:

Applicant John P. Pieler, et al

Docket No. 2000

Commodity Tungsten

Amount $ 1,000.00

Please expedite consideration of the application with particular reference to the points raised in the attached "Review".

Sincerely yours,

(signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

APPROVED:

C. N. Johnson
Member, Bureau of Mines

T. P. Thayer
Member, Geological Survey

13759

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMEA 2400

Commodity Tungsten

Total Amount 4,000.00

Govt. Participation 750.00

1. Name and Address of Applicant John P. Pieler, Loren B. Taylor and W. F. Russell, P.O. Box 962, Ely, Nevada

2. Location of Property Three Partners Claims, ~~[illegible]~~ 9 mi NW of McGill, White Pine County, Nevada.

3. Mineral or metal Tungsten Is it listed in Section 9 of MO-5?

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good

b) Poor

c) None

d) Don't know—needs field examination Don't know - no data in Washington

e) Is there an alternative and favorable project? Don't know
(If so, attach an explanation) depends on field team

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202? _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes.
(question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes.

d) Water (question 13)* Don't know

e) Power (question 13)* Don't know

Is a field check needed on any of these points? Yes -

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes, by inference, needs checking

Is a field check needed on this point? Yes

10. Exhibit A. (question 21 and 22)*

a) Is the project adequately described? No - Field team is to assist in preparing suitable ~~[illegible]~~ revised application

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Yes —

If not, what part of it is? _____

Is this part a worthwhile exploration project? —

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? None given, only the total figure

f) Should more information be requested from applicant? Yes

g) Is a field examination necessary to complete Exhibit A? Yes

11. Exhibit B (question 23-d)*

a) Is it applicable? None Required

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? —

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes, but not given by applicant

b) Sufficient data? NO If so, attach a draft.

c) Are rents and charges reasonable? —

d) Is a field check needed? Yes.

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Offers Labor at No Cost

c) Is the schedule excessive for the work proposed?

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? Yes -

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? —

15. In your judgment, can the proposed work be done in the proposed time? Dont know. Field team should prepare revised application.

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? This appears to be a new discovery in an area on which no data are available. One ton of material of "good commercial quality" was taken out at night with a mineral light. The field team is to examine, and in company with the applicants, prepare a revised application, to ~~for their findings~~ as soon as. Best explore the property, if warranted. ~~Review of the question~~

This examination should be made only when ~~other~~ the field team is in the area on other work. — Reviewed by: Brewer

Date Mar 10, '52

Jmc

M.7.103, Incl sketch map

USGS opinion

IN REPLY REFER TO:

G-MD-DML

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

March 4, 1952

Memorandum

To: George C. Selfridge, DMEA

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

Subject: Exploration application $1,000 DMEA 2400 - Tungsten
John P. Pieler
Loren B. Taylor
W. F. Russell
Box 962, Ely, Nevada

Property: Three Partners claims
9 miles NW from McGill, White Pine County, Nevada
1¼ miles SW of Campbell Ranch, preliminary search for which apparently involves a stop at Club 50 South of McGill.

The applicants have not drawn up any satisfactory exploration application, and have not definitely proved that there is any scheelite on the property.

The claims have not been examined by the Geological Survey.

It is recommended that the docket be referred to the Field Team for examination. If exploration be warranted, the Field Team should assist in preparation of a suitable application.

Dwight M. Lemmon

Field reconnaissance only when someone in immediate area.

Copy retained I+2-A files

IN REPLY REFER TO:

G-MD-DML

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

March 4, 1952

Memorandum

To: George C. Selfridge, DMEA

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

Subject: Exploration application $1,000 DMEA 2400 - Tungsten
John P. Pieler
Loren B. Taylor
W. F. Russell
Box 962, Ely, Nevada

Property: Three Partners claims
9 miles NW from McGill, White Pine County, Nevada
1½ miles SW of Campbell Ranch, preliminary search for which apparently involves a stop at Club 50 South of McGill.

The applicants have not drawn up any satisfactory exploration application, and have not definitely proved that there is any scheelite on the property.

The claims have not been examined by the Geological Survey.

It is recommended that the docket be referred to the Field Team for examination. If exploration be warranted, the Field Team should assist in preparation of a suitable application.

Don Lemmon

DMLemmon:gt

IN REPLY REFER TO:

G-MD-DML

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

March 4, 1952

Memorandum

To: George C. Selfridge, DMEA

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

Subject: Exploration application $1,000 DMEA 2400 - Tungsten
John P. Pialer
Loren B. Tayler
W. F. Russell
Box 962, Ely, Nevada

Property: Three Partners claims
9 miles NW from McGill, White Pine County, Nevada
1½ miles SW of Campbell Ranch, preliminary search
for which apparently involves a stop at Club 50
South of McGill.

The applicants have not drawn up any satisfactory exploration application, and have not definitely proved that there is any scheelite on the property.

The claims have not been examined by the Geological Survey.

It is recommended that the docket be referred to the Field Team for examination. If exploration be warranted, the Field Team should assist in preparation of a suitable application.

Don Lemmon

DMLemmon:gt

EXPLORATION

Subject: DMEA-2400
Re: Exploration Loan
Three Partners Lode Mining
Claims, No. 1 and 2
March 3, 1952

Mr. John P. Pieler
P. O. Box 962
Ely, Nevada

My dear Mr. Pieler:

This will acknowledge receipt of your application dated February 14, 1952 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2400 and referred to the Iron and Ferro-Alloys Division.

Kindly refer to DMEA-2400 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Acting Administrative Officer

7862

DMEA-2400

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

Office of
Executive Officer
DMEA Field Team
Region III

1012 Flood Building
870 Market Street
San Francisco 2, California

February 25, 1952

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Exploration loan application (Tungsten) - John P. Pieler, Loren B. Taylor and W. F. Russell, P. O. Box 962, Ely, Nevada.

Attached are three copies of subject loan application, dated February 14. The first copy submitted by the applicants is being retained in this office for use in a field examination.

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

Attachment

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1952

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. .....
Metal or Mineral .....
Date Received .....
Amount $.....
Participation (Government %)
.....

John P. Pieler
Loren B. Taylor
W. F. Russell

P. O. Box 692
Ely, Nevada

Name and address of applicant

Date February 14, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested .....,

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.

   (*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.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   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.

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

   (*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.

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?

    (*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)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Loren B. Taylor
W J Russell
John P. Pieler

Not a Company
(Name of company)

By John P. Pieler
(Signature of authorized official)

February 14, 1952
(Date)

(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

Supplement to Form MF-103

John P. Pieler,
P. O. Box 692
Ely, Nevada

Answer to Questions 1 & 4

The two mining claims which we hold by having completed the location work on them are at the present time not tied into any government corner by any survey. They are legally described, as prescribed by mining laws, as being southwest of the Campbell Ranch about 1½ miles and south of the west end of a drift fence about 1/2 mile, and are thus recorded in the White Pine County Recorder's Office at Ely, Nevada.

Answer to Question 2(a)

We expect to find Scheelite and perhaps also pure Tungsten.

Answer to Question 2(b)

There is a large granite dyke running north and south upon our two claims. This grainite dyke forms the top of a low ridge or hill from the one side of this dyke quartz veins lead off from the dyke to the eastward in the form of fissures. One of these quartz veins which is of a porous decomposed nature is about two feet in width perpendicularly in place and cuts through the limestone formation that lays east of and downhill from the granite dyke. In other places quartz bearing small crystals has run down over this limestone formation. This limestone formation where it does lay in true ledges appears to slope down to the westward at about a 45 degree angle and back toward the granite dyke.

A large amount of the limestone material carrying scheelite we found after considerable labor to be fell over and rolled down from above. This material also consisted to be of a considerable degree of calcite. So far as we are able to find out most every metal that has been found in this range of mountains where our claims are situated has come with calcite and in the limestone.

Where this fell over material lodged it mashed into and in one place through the decomposed two foot quartz fissure vein indicating by such appearance that the quartz vein had either at that very time been in a solution or molten form as such impact by the fallen over material did not crumble or scramble the quartz vein. It is our opinion formed by the general appearance of this slightly scrambled rock formation on this east side of this hill at some points that this fell over material carrying scheelite broke off the main vein owing perhaps to an earth tremor as the main vein came into being, and as there is also shown by the attached plat some limestone carrying scheelite along with calcite which is plastered over or run over the true limestone ledges to the north and a little westward of where this fell over material was found and as above and west of where the fallen over material was found there is limestone formation not carrying scheelite along with the quartz crystals formation which has run down and plastered over the true limestone ledges. We believe that this last mentioned material ran down over and sealed over the main vein of scheelite immediately after the fell over material carrying scheelite broke off the main vein.

Supplement to Form MF-103

John P. Pieler
P. O. Box 692
Ely, Nevada

Answer to Question 3

To sink a shaft or shafts or drive a tunnel or tunnels as may be necessary to locate the veing from which the already discovered run over or plastered over and fell over scheelite-bearing material has come. Said already discovered material being over a tone of mined limestone carrying scheelite in good commercial quality which has been highgraded out at night with a mineral light.

The expected tunneling or shafting as is proposed is estimated would cost One Thousand Dollars ($1000.00).

The time proposed to start the work would be between March 15 and June 15, 1952.

The time to complete such work as proposed may take as much as two months.

Answer to Question 5

None

Answer to Question 6

None

Answer to Question 7

Single and double jack hand steel sppons, etc., for hand drilling is owned. by one of the partners, John P. Pieler, and will be furnished by him to the project free of charge. As to what the cost would be of buying or leasing an air compressort at the time it would be needed is at the present time unknown. However it would be accomplished as cheaply as possible.

Answer to Question 8

It is proposed that two of the three partners holding the two mining claims, John P. Pieler and W. F. Russell, would contribute their labor free of charge to the project. That an attempt would be made by them to buy or lease an air compressor, and jack hammers. It is taken into consideration that in order to lease this equipment it may become necessary to hire the one man or two men who may own this equipment and to pay him or them each at the rate of Eighteen Dollars ($18.00) per day for their labor alone.

Answer to Question 9

The answer to this question we feel could only be obtained as the work on the project progressed and as the things necessary to the completion of the work on it became apparent, a hoist, or track, a bucket, a wheelbarrow or ore car, as may be necessary, and dynamite caps and fuse would of a certainty be necessary to such an operation.

Supplement to Form MF-103

John P. Pieler
P. O. Box 692
Ely, Nevada

Answer to Question 10(a)(b)

Two Hundred and Fifty Dollars ($250.00). (b) Yes.

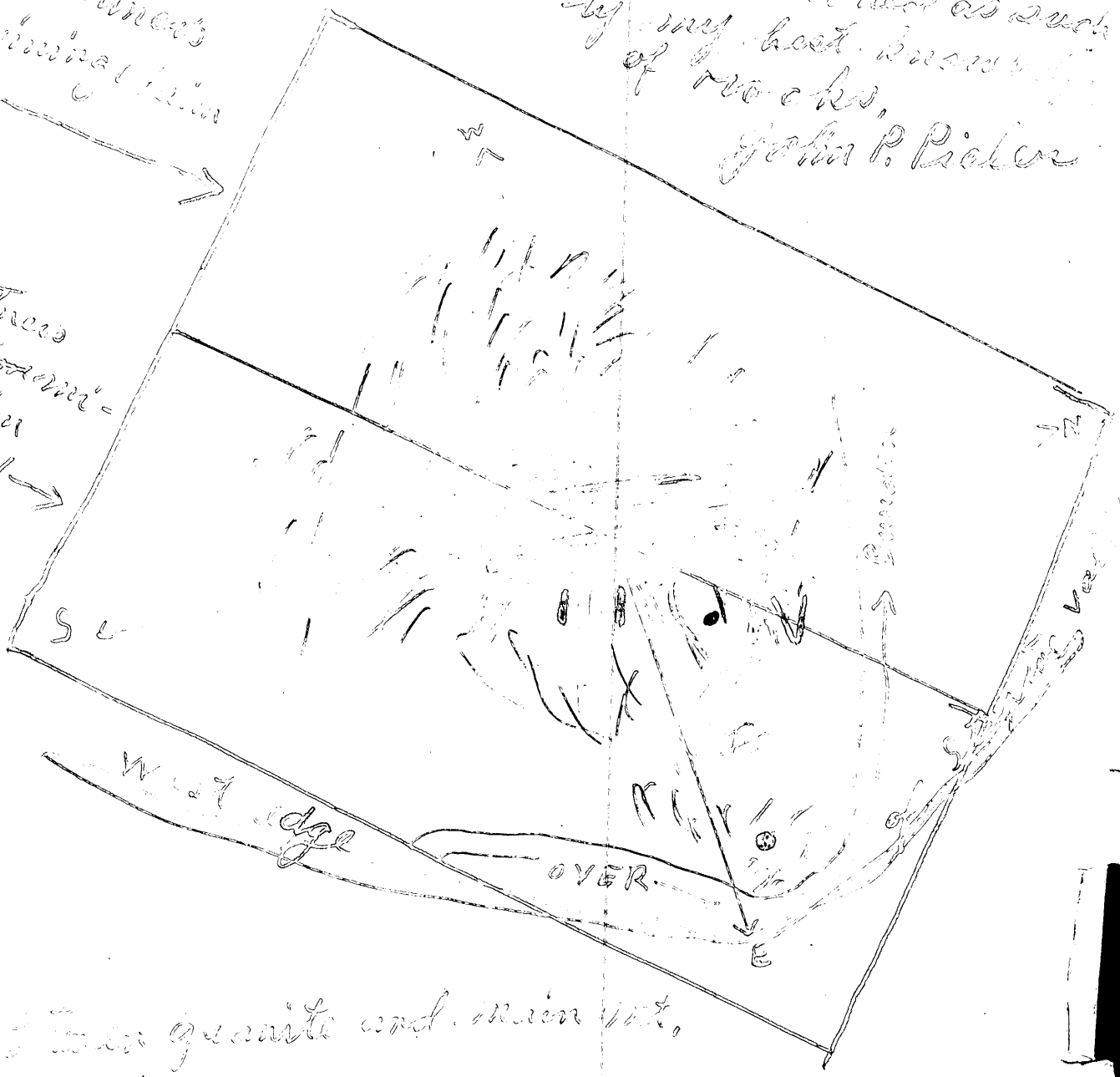
Answer to Question 11

The two mining claims on which we propose to do the exploration work are located perhaps nine air line miles northwest of the town of McGill, Nevada. They are down very near the foot of the mountain that borders Steptoe Valley on the west and not over 1½ miles from a graded dirt road that is maintained by White Pine County, Nevada, in which county the claims are situated, and only about 20 miles south of a now operating scheelite mill near Cherry Creek, Nevada. Aforementioned graded dirt road leading to said mill, and farther we feel sure that the White Pine County, Nevada, road crews and equipment will at the orders of the White Pine County Commissioners construct a useable truck road to any necessary point on our claims, free of charge to us, as soon as we can develop sufficient ore to warrant such a road as this has always been the past procedure of this county in the event a mine of any kind reaches the production stage, at any time any government inspector or any other qualified person should desire to inspect or view our two scheelite claims. They may come to the Campbell Ranch, where one of the three partners in the claims, Loren B. (Burt) Taylor, or his wife or some one else on the ranch will at any time take them to our claims and be able under any weather conditions to show them the points of interest on said claims. Mr. Taylor has a Willys Jeep 4 Wheel Drive pickup truck and there is also ~~a~~ gentle saddle horses available at the ranch at all times. As a best way to reach the Campbell Ranch, it is suggested to inquire at "Club 50" just south of McGill as that is where the most traveled road to the ranch leaves Highway 50.

Loren B. Taylor
W J Russell
John P. Pieler

Three Partners
Lode mineral claim
No. 2

Three Partners
Lode mineral
Placer Claim
No 1



[illegible] mineral veins that
[illegible] as much
by very hard [illegible]
of rocks.
John P. Baker

Lode [illegible] granite and main vein.

- [illegible] Dyke and other granite formation.
- Isolated cropping or de-composed granite.
  De-composed and porous quartz vein of vertical formation.
- Fall out and rolled down from a bare limestone and calcite formation carrying Galenite
- Vein of quartz with crystals in it [illegible] of which is numerous limestone
- Bowlders and fractured over material carrying Galenite within calcite [illegible] limestone formations
- Lode [illegible] ledges and [illegible] limestone

Form MF-103
(Revised June 7, 51)

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. DMEA-2400
Metal or Mineral
Date Received 3-3-52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1952

John P. Pieler
Loren B. Taylor
W. F. Russell

P. O. Box 962
Ely, Nevada

Name and address of applicant

Date February 14, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

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.

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   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.

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    (*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)?

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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.

Loren B. Taylor
W J Russell

Not a company
(Name of company)

By John P. Pieler
(Signature of authorized official)

February 14, 1952
(Date)

(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

Supplement to Form MF-103

John P. Pieler,
P. O. Box 692
Ely, Nevada

Answer to Questions 1 & 4

The two mining claims which we hold by having completed the location work on them are at the present time not tied into any government corner by any survey. They are legally described, as prescribed by mining laws, as being southwest of the Campbell Ranch about 1½ miles and south of the west end of a drift fence about 1/2 mile, and are thus recorded in the White Pine County Recorder's Office at Ely, Nevada.

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Answer to Question 2(b)

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A large amount of the limestone material carrying scheelite we found after considerable labor to be fell over and rolled down from above. This material also consisted to be of a considerable degree of calcite. So far as we are able to find out most every metal that has been found in this range of mountains where our claims are situated has come with calcite and in the limestone.

Where this fell over material lodged it mashed into and in one place through the decomposed two foot quartz fissure vein indicating by such appearance that the quartz vein had either at that very time been in a solution or molten form as such impact by the fallen over material did not crumble or scramble the quartz vein. It is our opinion formed by the general appearance of this slightly scrambled rock formation on this east side of this hill at some points that this fell over material carrying scheelite broke off the main vein/owing perhaps to an earth tremor as the main vein came into being, and as there is also shown by the attached plat some limestone carrying scheelite along with calcite which is plastered over or run over the true limestone ledges to the north and a little westward of where this fell over material was found and as above and west of where the fallen over material was found there is limestone formation not carrying scheelite along with the quartz crystals formation which has run down and plastered over the true limestone ledges. We believe that this last mentioned material ran down over and sealed over the main vein of scheelite immediately after the fell over material carrying scheelite broke off the main vein.

Supplement to Form MF-103

John P. Pieler
P. O. Box 692
Ely, Nevada

Answer to Question 3

To sink a shaft or shafts or drive a tunnel or tunnels as may be necessary to locate the veins from which the already discovered run over or plastered over and fell over scheelite-bearing material has come. Said already discovered material being over a tone of mined limestone carrying scheelite in good commercial quality which has been highgraded out at night with a mineral light.

The expected tunneling or shafting as is proposed is estimated would cost One Thousand Dollars ($1000.00).

The time proposed to start the work would be between March 15 and June 15, 1952.

The time to complete such work as proposed may take as much as two months.

Answer to Question 5

None

Answer to Question 6

None

Answer to Question 7

Single and double jack hand steel spoons, etc., for hand drilling is owned. by one of the partners, John P. Pieler, and will be furnished by him to the project free of charge. As to what the cost would be of buying or leasing an air compressort at the time it would be needed is at the present time unknown. However it would be accomplished as cheaply as possible.

Answer to Question 8

It is proposed that two of the three partners holding the two mining claims, John P. Pieler and W. F. Russell, would contribute their labor free of charge to the project. That an attempt would be made by them to buy or lease an air compressor, and jack hammers. It is taken into consideration that in order to lease this equipment it may become necessary to hire the one man or two men who may own this equipment and to pay him or them each at the rate of Eighteen Dollars ($18.00) per day for their labor alone.

Answer to Question 9

The answer to this question we feel could only be obtained as the work on the project progressed and as the things necessary to the completion of the work on it became apparent, a hoist, or track, a bucket, a wheelbarrow or ore car, as may be necessary, and dynamite caps and fuse would of a certainty be necessary to such an operation.

Supplement to Form NF-103

John P. Pieler
P. O. Box 392
Ely, Nevada

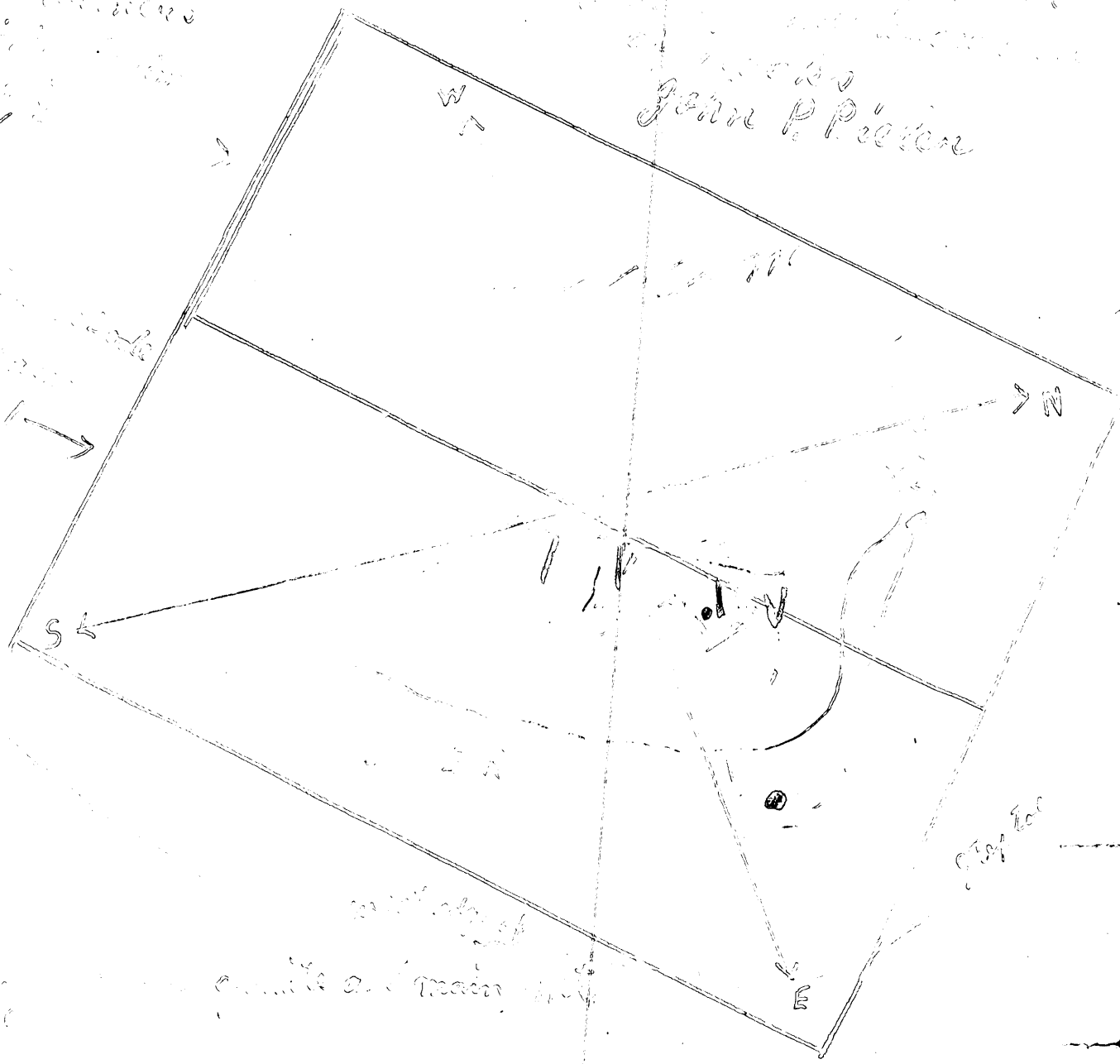
Answer to Question 10(a)(b)

Two Hundred and Fifty Dollars ($250.00). (b) Yes.

Answer to Question 11

The two mining claims on which we propose to do the exploration work are located perhaps nine air line miles northwest of the town of McGill, Nevada. They are down very near the foot of the mountain that borders Steptoe Valley on the West and not over 1½ miles from a graded dirt road that is maintained by White Pine County, Nevada, in which county the claims are situated, and only about 20 miles south of a now operating scheelite mill near Cherry Creek, Nevada. Aforementioned graded dirt road leading to said mill, and farther we feel sure that the White Pine County, Nevada, road crews and equipment will at the orders of the White Pine County Commissioners construct a useable truck road to any necessary point on our claims, free of charge to us, as soon as we can develop sufficient ore to warrant such a road as this has always been the past procedure of this county in the event a mine of any kind reaches the production stage, at any time any government inspector or any other qualified person should desire to inspect or view our two scheelite claims. They may come to the Campbell Ranch, where one of the three partners in the claims, Loren B. (Burt) Taylor, or his wife or some one else on the ranch will at any time take them to our claims and be able under any weather conditions to show them the points of interest on said claims. Mr. Taylor has a Willys Jeep 4 Wheel Drive pickup truck and there is also x gentle saddle horses available at the ranch at all times. As a best way to reach the Campbell Ranch, it is suggested to inquire at "Club 50" just south of McGill as that is where the most traveled road to the ranch leaves Highway 50.

Loren B. Taylor
W J Russell
John P. Pieler



- Gravel
- Sediment
- F
- Veins
- Rock
- Limestone

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. DMEA-2400
Metal or Mineral
Date Received 3-3-52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1952

Name and address of applicant

John P. Fieler
Loren B. Taylor
W. F. Russell

P. O. Box 962
Ely, Nevada

Date February 14, 1952

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

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.

   (*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.

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

   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.

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

   (*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.

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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.

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11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

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.

Not a company
(Name of company)

By Joren B. Taylor
W. I. Russell
John P. Pieler
(Signature of authorized official)

February 14, 1952
(Date)

(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

Supplement to Form MF-103

John P. Pieler,
P. O. Box 692
Ely, Nevada

Answer to Questions 1 & 4

The two mining claims which we hold by having completed the location work on them are at the present time not tied into any government corner by any survey. They are legally described, as prescribed by mining laws, as being southwest of the Campbell Ranch about 1½ miles and south of the west end of a drift fence about 1/2 mile, and are thus recorded in the White Pine County Recorder's Office at Ely, Nevada.

Answer to Question 2(a)

We expect to find Scheelite and perhaps also pure Tungsten.

Answer to Question 2(b)

There is a large granite dyke running north and south upon our two claims. This grainite dyke forms the top of a low ridge or hill from the one side of this dyke quartz veins load off from the dyke to the eastward in the form of fissures. One of these quartz veins which is of a porous decomposed nature is about two feet in width perpendicularly in place and cuts through the limestone formation that lays east of and downhill from the granite dyke. In other places quartz bearing small crystals has run down over this limestone formation. This limestone formation where it does lay in true ledges appears to slope down to the westward at about a 45 degree angle and back toward the granite dyke.

A large amount of the limestone material carrying scheelite we found after considerable labor to be fell over and rolled down from above. This material also consisted to be of a considerable degree of calcite. So far as we are able to find out most every metal that has been found in this range of mountains where our claims are situated has come with calcite and in the limestone.

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Supplement to Form MF-103

John P. Pieler
P. O. Box 692
Ely, Nevada

Answer to Question 3

To sink a shaft or shafts or drive a tunnel or tunnels as may be necessary to locate the veins from which the already discovered run over or plastered over and fall over scheelite-bearing material has come. Said already discovered material being over a tone of mined limestone carrying scheelite in good commercial quality which has been highgraded out at night with a mineral light.

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The time proposed to start the work would be between March 15 and June 15, 1952.

The time to complete such work as proposed may take as much as two months.

Answer to Question 5

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Answer to Question 6

None

Answer to Question 7

Single and double jack, hand steel, spoons, etc., for hard drilling is owned by one of the partners, John P. Pieler, and will be furnished by him to the project free of charge. As to what the cost would be of buying or leasing an air compressort at the time it would be needed is at the present time unknown. However it would be accomplished as cheaply as possible.

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Supplement to Form MF-103

John P. Pieler
P. O. Box 692
Ely, Nevada

Answer to Question 10(a)(b)

Two Hundred and Fifty Dollars ($250.00). (b) Yes.

Answer to Question 11

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Loren B. Taylor
W. F. Russell
John P. Pieler

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42

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. DMEA-2400
Metal or Mineral
Date Received 3-3-52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1952

John P. Pieler
Loren B. Taylor
W. F. Russell

P. O. Box 962
Ely, Nevada

Name and address of applicant

Date February 14, 1952

If you have already filed MF-100, give date filed ....., type of assistance requested .....,

DMA Docket Number (if available) .....

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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.

Not a company
(Name of company)

By Leon B. Taylor
W. F. Russell
John P. Pieler
(Signature of authorized official)

February 14, 1952
(Date)

(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

Supplement to Form MF-103

John P. Pieler,
P. O. Box 692
Ely, Nevada

Answer to Questions 1 & 4

The two mining claims which we hold by having completed the location work on them are at the present time not tied into any government corner by any survey. They are legally described, as prescribed by mining laws, as being southwest of the Campbell Ranch about $1\frac{1}{4}$ miles and south of the west end of a drift fence about 1/2 mile, and are thus recorded in the White Pine County Recorder's Office at Ely, Nevada.

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There is a large granite dyke running north and south upon our two claims. This grainite dyke forms the top of a low ridge or hill from the one side of this dyke quartz veins lead off from the dyke to the eastward in the form of fissures. One of these quartz veins which is of a porous decomposed nature is about two feet in width perpendicularly in place and cuts through the limestone formation that lays east of and downhill from the granite dyke. In other places quartz bearing small crystals has run down over this limestone formation. This limestone formation where it does lay in true ledges appears to slope down to the westward at about a 45 degree angle and back toward the granite dyke.

A large amount of the limestone material carrying scheelite we found after considerable labor to be fell over and rolled down from above. This material also consisted to be of a considerable degree of calcite. So far as we are able to find out most every metal that has been found in this range of mountains where our claims are situated has come with calcite and in the limestone.

Where this fell over material lodged it mashed into and in one place through the decomposed two foot quartz fissure vein indicating by such appearance that the quartz vein had either at that very time been in a solution or molten form as such impact by the fallen over material did not crumble or scramble the quartz vein. It is our opinion formed by the general appearance of this slightly scrambled rock formation on this east side of this hill at some points that this fell over material carrying scheelite broke off the main vein owing perhaps to an earth tremor as the main vein came into being, and as there is also shown by the attached plat some limestone carrying scheelite along with calcite which is plastered over or run over the true limestone ledges to the north and a little westward of where this fell over material was found and as above and west of where the fallen over material was found there is limestone formation not carrying scheelite along with the quartz crystals formation which has run down and plastered over the true limestone ledges. We believe that this last mentioned material ran down over and sealed over the main vein of scheelite immediately after the fell over material carrying scheelite broke off the main vein.

Supplement to Form MF-103

John P. Pieler
P. O. Box 692
Ely, Nevada

Answer to Question 3

To sink a shaft or shafts or drive a tunnel or tunnels as may be necessary to locate the veing from which the already discovered run over or plastered over and fell over scheelite-bearing material has come. Said already discovered material being over a tone of mined limestone carrying scheelite in good commercial quality which has been highgraded out at night with a mineral light.

The expected tunneling or shafting as is proposed is estimated would cost One Thousand Dollars ($1000.00).

The time proposed to start the work would be between March 15 and June 15, 1952.

The time to complete such work as proposed may take as much as two months.

Answer to Question 5

None

Answer to Question 6

None

Answer to Question 7

Single and double jack hand steel sppons, etc., for hand drilling is owned. by one of the partners, John P. Pieler, and will be furnished by him to the project free of charge. As to what the cost would be of buying or leasing an air compressort at the time it would be needed is at the present time unknown. However it would be accomplished as cheaply as possible.

Answer to Question 8

It is proposed that two of the three partners holding the two mining claims, John P. Pieler and W. F. Russell, would contribute their labor free of charge to the project. That an attempt would be made by them to buy or lease an air compressor, and jack hammers. It is taken into consideration that in order to lease this equipment it may become necessary to hire the one man or two men who may own this equipment and to pay him or them each at the rate of Eighteen Dollars ($18.00) per day for their labor alone.

Answer to Question 9

The answer to this question we feel could only be obtained as the work on the project progressed and as the things necessary to the completion of the work on it became apparent, a hoist, or track, a bucket, a wheelbarrow or ore car, as may be necessary, and dynamite caps and fuse would of a certainty be necessary to such an operation.

Supplement to Form MF-103

John P. Pieler
P. O. Box 692
Ely, Nevada

Answer to Question 10(a)(b)

Two Hundred and Fifty Dollars ($250.00). (b) Yes.

Answer to Question 11

The two mining claims on which we propose to do the exploration work are located perhaps nine air line miles northwest of the town of McGill, Nevada./on the west They are down very near the foot of the mountain that borders Steptoe Valley/and not over 1¼ miles from a graded dirt road that is maintained by White Pine County, Nevada, in which county the claims are situated, and only about 20 miles south of a now operating scheelite mill near Cherry Creek, Nevada. Aforementioned graded dirt road leading to said mill, and farther we feel sure that the White Pine County, Nevada, road crews and equipment will at the orders of the White Pine County Commissioners construct a useable truck road to any necessary point on our claims, free of charge to us, as soon as we can develop sufficient ore to warrant such a road as this has always been the past procedure of this county in the event a mine of any kind reaches the production stage, at any time any government inspector or any other qualified person should desire to inspect or view our two scheelite claims. They may come to the Campbell Ranch, where one of the three partners in the claims, Loren B. (Burt) Taylor, or his wife or some one else on the ranch will at any time take them to our claims and be able under any weather conditions to show them the points of interest on said claims. Mr. Taylor has a Willys Jeep 4 Wheel Drive pickup truck and there is also X gentle saddle horses available at the ranch at all times. As a best way to reach the Campbell Ranch, it is suggested to inquire at "Club 50" just south of McGill as that is where the most traveled road to the ranch leaves Highway 50.

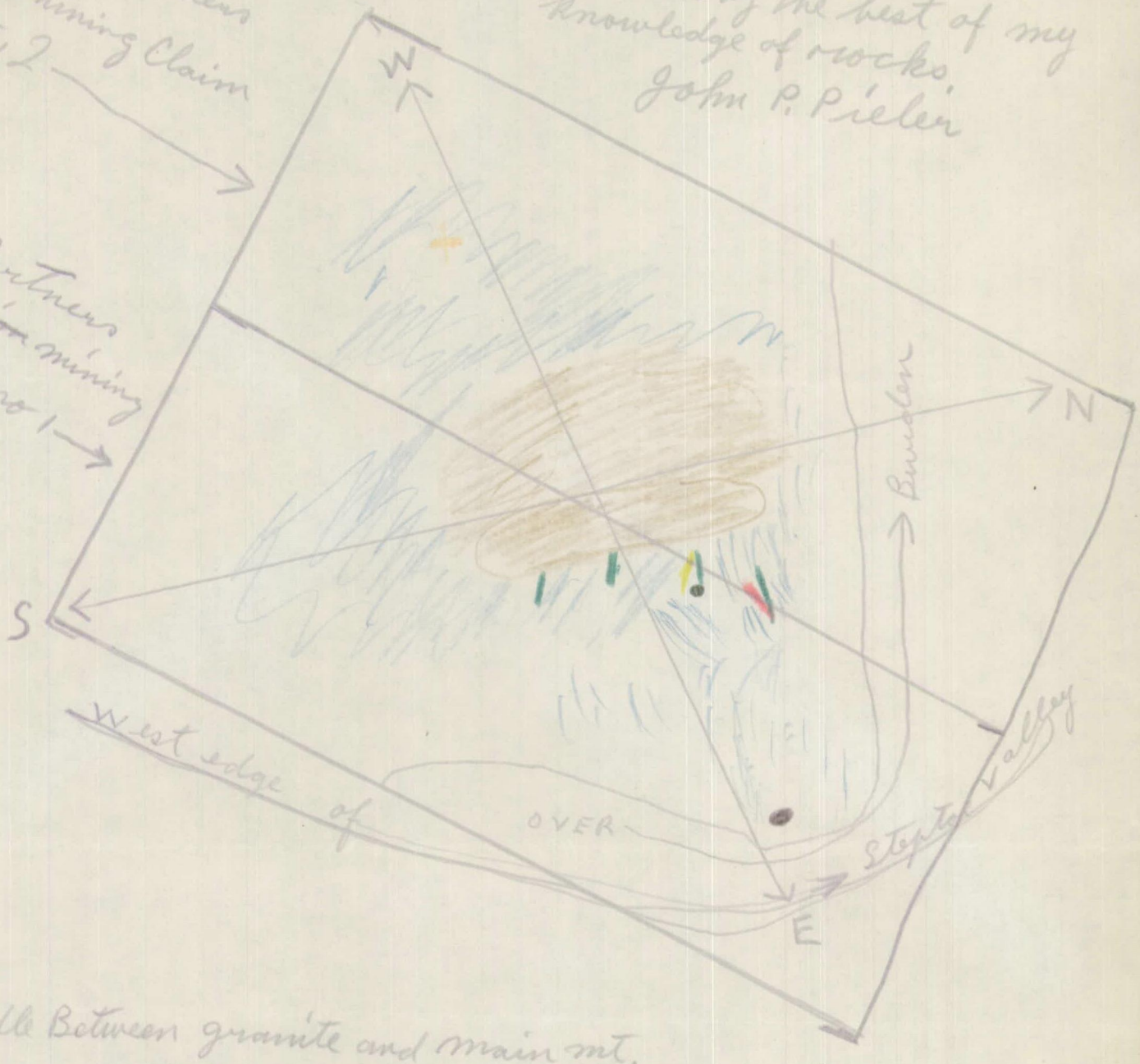
Loren B. Taylor
W Z Russell
John P. Pieler

DMEA-2400

Saddle Between granite and main mt.

- granite Dykes.
- Solid Croppings of decomposed granite
  Decomposed Porus quartz vein of vertical formation
- Fall-over and rolled down from above limestone and ...
- Veins of Quartz with crystals in it, ... Limestone carrying calcite.
  some flashing of ... limestone
- Run over ... platforms over limestone ... carrying calcite
  with calcite present. ... true ... limestone ledges.
- Limestone ... and some limestone.

all rocks on this Platt are named as such by the best of my knowledge of rocks.
John P. Pieler



+ Saddle Between granite and main mt,
• granite Dyke and other granite formation.
• Schist Cropping. or decomposed granite
• De-composed pbus quartz vein of vertical formation.
• Fell-over and rolled down from above limestone and calcite material carrying Scheelite.
• veins of quartz with crystals in it some run over limestone some plastered over limestone
• Run over and plastered over limestone material carrying Scheelite with calcite present, plastered over true lime stone ledges
• Limestone ledges and loose limestone