DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3819

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This document has been recorded as

Exploration

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Routing Slip

To:	Iron & Ferro Alloys	Date	5/20/55
To:	Open Com	Date	5-25-55
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IN REPLY REFER TO:

400

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

RECEIVED

July 29, 1955

Re: DMEA 3819
John and James Nelmarson
and Kenneth Farmer
Fremont property
Lake Co., Oregon
$13,064 - Mercury

WSM

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report

The applicants would seem to have good reasons for prospecting the property by trenching, but as pointed out by the examiners no target for exploratory work now is recognized.

I concur with the denial recommendation of the Field Team.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-7/29/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
H. M. Meyer, 2623

Messrs. John Hofmann, James Hofmann,
and Kenneth B. Farmer
1627 Division Street
Bend, Oregon

Re: Docket No. DMA 3019 - Mercury
Fremont Property
Lake County, Oregon

Gentlemen:

Your application for aid in an exploration project and other information available to us in Washington relating to the above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information, although noting a small amount of mercury mineralization occurring in fissure boulders on your property, indicates to us that the probability of disclosing minable mercury ore reserves by your proposed program is not sufficiently promising to justify Government participation. Therefore, we regret to advise you that such application for exploration assistance is denied. Such denial, however, is made without prejudice. In the event further work on your part discloses new and more favorable evidence of ore deposition on the property, we shall be pleased to consider a new application. Of course, such evidence should be amply supported by detailed geologic and assay maps.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge/SWHolt/GCSelfridge/la/hb
Copy to: Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiliegaard, USGS
H. M. Meyer, USBM
FT, Region 1-Spokane

400

Messrs. John McMammon, James McMammon,
and Kenneth B. Farmer
1617 Division Street
Bend, Oregon

Re: Docket No. DMEA 3819 - Mercury
Fremont Property
Lake County, Oregon

Gentlemen:

Your application for aid for an exploration project and other data available to us in Washington concerning the above-referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information, although noting a small amount of mercury mineralization occurring in float boulders on your property, indicates to us that the probability of disclosing minable mercury ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

Our denial, however, is made without prejudice to the property. If at some future date additional prospecting finds evidence of significant mercury mineralization, we shall be glad to consider a revised application for exploration assistance. The revised application should contain all of the necessary supporting data required by Form MF-103 and refer to the present docket.

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

Sincerely yours,

Administrator

cc: Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
H. M. Meyer, USBM
FT, Region I-Spokane

FARutledge/SPHolt/ls
8/15/55

400

Messrs. John McMannon, James McMannon,
and Kenneth B. Farmer
1617 Division Street
Bend, Oregon

Re: Docket No. DMEA 3819 - Mercury
Fremont Property
Lake County, Oregon

Gentlemen:

Your application for aid for an exploration project and other data available to us in Washington concerning the above-referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information, although noting a small amount of mercury mineralization occurring in float boulders on your property, indicates to us that the probability of disclosing minable mercury ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

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

Sincerely yours,

Administrator

cc: Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
H. M. Meyer, USBM
FT, Reg. I-Spokane

FARutledge/ls
8/11/55

Faxed 12
"denied without prejudice"

August 11, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $11,054.00
Docket No. DMEA 3519 - Mercury
John McManmon, James McManmon, and Kenneth B. Farmer
Fremont Property
Lake County, Oregon

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

(1) The applicants, John and James McManmon and Kenneth B. Farmer, 1617 Division Street, Bend, Oregon, requested exploration assistance in the amount of $11,054.00 for bulldozing, stripping, crosscutting and shaft sinking.

(2) The applicants control, by lease from the owner, Harry E. Hall, the Fremont No. 1 and Fremont No. 3 unpatented mining claims, located in the N.E. ¼, Section 34, and N.W. ¼, Section 35, T. 37 S., R. 16 E., W. M., Lake County, Oregon. These claims are recorded on pages 407 and 417 in Book 6 in the Courthouse of Lake County, Oregon.

(3) The proposed program is to explore the property by bulldozing trenches across the broad area in which cinnabar-bearing float boulders have been found. If this work finds cinnabar in bedrock, the plan is to excavate short surface trenches in the bedrock to expose the ore, then sink a shaft on the best exposure or exposures, and drift in the ore at the bottom of the shaft.

(4) On the slopes surrounding the flat knoll on which applicants' property is located, sparse disseminations of cinnabar have been found in float boulders of light buff-colored rhyolite and of coarsely brecciated rhyolite material cemented by fine-grained quartz and opaline quartz. Bedrock, of brecciated rhyolite, is found in one shallow pit northeast of the knoll, and in a cliff, about 10 feet high, just down the slope from the pit. No cinnabar has been noted in the bedrock, although a little sparsely disseminated stibnite does occur in this rock.

Various shallow test pits, and at least two short shafts, have been sunk on the property. No production of cinnebar has been reported.

(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Division of the Geological Survey and the Bureau of Mines concur in this recommendation.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Adm. Read. File
Oper. Committee
Code 400

SPHolt/ls
6/11/55

400

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
No. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUL 25 1955

W59

July 15, 1955

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Project No. DMEA-3810 (mercury)
John and James McKennon
Kenneth B. Farmer
Fremont property
Lake County, Oregon

Dear Mr. Selfridge:

Enclosed are four copies of an examination report by Willard P. Puffett, Geological Survey, on the Fremont property, Lake County, Oregon.

There are float boulders on the surface of the area that contain meager amounts of cinnabar, but no cinnabar-bearing rock was found in place. It seems that considerably more work by the applicant would be needed before it could be determined whether or not an exploration was justified.

We therefore recommend that the application be denied.

By Field Team, Region I
Northwest District

Verne C. Fryklund, Jr., Acting Leader
U. S. Geological Survey

Enclosure (1)

Wing C. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

cc: DMEA (2)
Puffett

UNITED STATES
Department of the Interior
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUL 25 1955

June 2, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-3819 (mercury), appraisal of application for DMEA assistance on the Fremont property, Farmer and McMammon, Lake County, Oregon

APPLICANT

John McMammon, James McMammon, Kenneth B. Farmer
1617 Division Street, Bend, Oregon

EXAMINATION

The applicant's property was examined on Sunday, May 22, 1955, for DMEA by Willard P. Puffett and Donald F. Kellum, Geological Survey. Mr. and Mrs. James McMammon and Mr. Harry Hall accompanied the examiners. Nearly 4 hours were spent at the property. The examination consisted of inspecting numerous prospect pits, examining samples of rock containing cinnabar, and discussing the history of the property with the owner, Mr. Hall. No map was made as it was apparent that nearly all rock exposures were boulders in the overburden. No samples were taken of the material containing cinnabar.

SUMMARY

The applicant's property is on the south and southwest slopes of a relatively flat knoll. A thick mantle of soil and moderate amounts of timber obscure exposures of bedrock. Float boulders indicate that the area is underlain by rhyolitic volcanic rock which in places has been coarsely brecciated and recemented with fine-grained silica and opal. Very fine-grained cinnabar has been disseminated within both the rhyolite and the brecciated material. No samples were taken, but it is doubtful that the best specimens of boulders containing cinnabar would assay more than 5 pounds of mercury per ton.

Scattered shallow prospect pits and at least two shafts have been excavated in the area in which the cinnabar-bearing boulders were found. Most of these workings are caved and surface material has sloughed around their borders. Obviously, however, these workings were unsuccessful in finding cinnabar in place.

Sparsely disseminated stibnite within brecciated rhyolite has been exposed in a surface prospect pit on the hill-slope to the northeast of the area in which cinnabar-bearing boulders have been found. No cinnabar has been found associated with the stibnite.

RECOMMENDATIONS

It is recommended that the application be denied. Rock containing sparse to moderate amounts of cinnabar has been exposed at numerous locations on the applicant's property, but in all instances, this rock appeared to be boulders in the overburden. A few prospect pits and shafts had failed to find bedrock containing cinnabar. Insufficient evidence is available on which to base an intelligent exploration project.

COMPETENCY OF APPLICANT

Mr. John McManmon, one of the applicants, was awarded a contract to explore for mercury in the Bear Creek district of Crook County, Oregon (Contract Idm-E721). He has demonstrated that he is capable of driving underground workings, but his understanding of geology is quite limited, and it has been necessary to closely supervise the project by frequent inspections. It is doubtful that he or either of the other of the three applicants could be considered competent to manage any but the most simple type of exploration project.

PROPERTY

The applicant's property includes two unpatented claims, the Fremont No. 1 and the Fremont No. 3. These claims have been recorded on page 407, Book 6, and page 417, Book 6, respectively, in the county courthouse of Lake County, Oregon. The claims are owned by Harry E. Hall, Bly, Oregon, and have been leased to John and James McManmon, and Kenneth B. Farmer. A copy of the lease was submitted with the application, but no Owner's Consent to Lien forms have been submitted. The latter forms have not been requested as it is not believed a contract should be prepared.

The two claims are in the NE$\frac{1}{4}$, sec. 34, and the NW$\frac{1}{4}$, sec. 35, T. 37 S., R. 16 E., W. M., Lake County, Oregon. The property is near the top and on the south and southwest slopes of a subdued, relatively flat hill, about half a mile north of State Highway 66, and about 1 mile east of Quartz Pass.

The grassy covered slopes support a moderate amount of timber, mostly fir with some small cedar and pine.

Access to the property is by Forest Service and logging roads that are kept in fair condition. Climate is semiarid, with most of the precipitation occurring as snow during the winter. Snow generally stays on the ground from December through April. The altitude at the top of the flat knoll on which the claims are located is 5,660 feet.

There are no surface facilities. The only underground workings are three or four shallow shafts, the deepest of which is reported to have been sunk about 50 feet. The ground around the collar of these shafts has sloughed, and all are filled with debris, so that the deepest pit now is about 6 feet.

HISTORY

Claims were first located in the area about 1935, apparently by some local prospector; subsequently, both the Cordero Mining Company and the Ewauna Logging Company prospected the area by sinking short shafts and excavating shallow prospect pits. No production resulted from this work, and the two companies allowed their claims to lapse.

Sometime after 1949, the claims were relocated by Harry E. Hall, who leased them to the applicant on November 15, 1954.

There is no evidence on the property that any but sporadic prospecting has been done on the property in recent years.

GEOLOGY

There are no published reports describing the detailed geology in the immediate area of the applicant's property. However, Mr. W. R. Johns has described the area in a Master's Thesis (Oregon University, June 1949). This thesis had as its subject the geology and quicksilver occurrences at Quartz Mountain, Oregon, and appears to be an adequate description of the area. Inasmuch as there were so few exposures in the vicinity of the applicant's property, the DMEA examiners have consulted the thesis in an effort to understand the geologic environment in which the cinnabar occurs.

On the slopes surrounding the flat knoll on which the applicant's property is located, boulders in the overburden are composed of two main rock types. One is a very light buff-colored, exceedingly fine-grained rhyolite in which are scattered tiny phenocrysts of clear quartz. One or two of these boulders also contained feldspar phenocrysts. The other rock type is coarsely

brecciated rhyolitic material, which has been cemented by fine-grained quartz and opaline silica. One shallow pit on the northeast slopes of the knoll had exposed bedrock consisting of coarsely brecciated rhyolitic rock. Just downslope from this pit, brecciated rhyolite forms a cliff about 10 feet high.

Cinnabar occurs as sparse disseminations in the rhyolite and as occasional grains in very thin stringers of fine-grained quartz and opaline silica in the brecciated rock. One or two of the boulders contained sufficient cinnabar to give the rock an over-all light pink color, but the cinnabar is so extremely fine grained that it is doubtful that the rock as a whole contained as much as 9 pounds of mercury per ton. In his thesis, Mr. W. R. Johns states that he had picked two of the best looking specimens of rock containing cinnabar and sent them to the Oregon State Laboratories for assay. These specimens assayed 5.0 and 5.6 pounds of mercury per ton.

The only ore mineral found in actual bedrock is stibnite. This mineral was exposed in the shallow pit on the northeast slope of the knoll. The stibnite has formed as scattered groups of radiating crystals, averaging from about a quarter to a half an inch long. Around the crystals of stibnite the rock contains splotches and bands of dark, smoky material that may represent exceedingly fine-grained stibnite.

According to Johns, the rhyolite breccia is part of a relatively thick flow and is at least pre-Pliocene in age.

Although the cinnabar is found only within the rhyolite and rhyolite breccia, no definite trend to the occurrences of cinnabar can now be made, other than that it occurs in a broad area about 300 feet wide on the south and southwest slopes of the flat-topped knoll.

APPLICANT'S PROPOSAL

The applicant proposes to explore the property by bull-dozing trenches across the broad area in which the cinnabar-bearing float boulders have been found. If this work is successful in finding cinnabar in bedrock, he plans to excavate short surface trenches by blasting the bedrock to better expose the ore. This will be followed by sinking a shaft on the best exposures and drifting on the ore from the bottom of the shaft.

The program as outlined by the applicant has some merit and seems to be the best procedure to follow if further prospecting and exploration is to be done on the property. However, former owners of the property have unsuccessfully done a certain amount of prospecting by sinking shafts and excavating prospect pits. The apparent low grade of the material and the lack of definite zones along which to explore should be sufficient to discourage further prospecting, even with the present high price of mercury. Actually the property is only in a prospect stage, and it is believed that more definite evidence as to the actual location of the cinnabar in bedrock should be obtained by the applicant before a DMEA exploration contract is considered.

Distribution:
DMEA (4)
USBM (2)
USGS (SRO)
Docket
Puffett

IN REPLY REFER TO:

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

Defense Minerals Administration
RECEIVED
MAY 27 1955

May 26, 1955

Re: DMEA-3819
McMannon, McMannon
and Farmer
Fremont Property
Lake County, Oregon
$11,054.00 - Mercury

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

This prospect is some 115 miles south and a little west of the Pinkey, the scene of DMEA 3302 contract work by the McMannons, and in the district reported upon by C. F. Ross, U.S.G.S. Bull. 931(b). The Fremont is not mentioned.

Since a field inspection is planned a report will be awaited.

Incidentally is not the total of this application,

$11,054.00
585.00
11,639.00
1,425.00(?)
$13,064.00

N. E. Nelson

N. E. Nelson

NENelson:hlm
G-5/26/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
N. M. Meyer, 2623 Interior

MAY 2 6 1955

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region I - Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 3819 - Mercury
John McMarmon, James McMarmon,
and Kenneth E. Farmer
Fremont property
Lake County, Oregon

Dear Mr. Weissenborn:

Reference is made to the subject docket and your letter of May 17, 1955, which states that a field examination of the Fremont property will be made.

We will, therefore, hold this application in abeyance until the report and recommendations by the Field Team are received. In the event an exploration project is recommended by the Field Team, Owner's Consent to Lien forms should be obtained.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

APPROVED:

J. H. Hedges

Member, Bureau of Mines

Thor H. Kiilsgaard

Member, Geological Survey

FARutledge:foc
5-25-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. I - NW Dist.
H. M. Meyer, USBM
T. H. Kiilsgaard, USGS

MAY 26 1955

Messrs. John McHannon, James McHannon,
and Kenneth B. Farmer
1617 Division Street
Bend, Oregon

Re: Docket No. DMEA 3819 - Mercury
Fremont property
Lake County, Oregon

Gentlemen:

The above-docketed application for exploration assistance for mercury has been reviewed by the Defense Minerals Exploration Administration and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I - Northwest District, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

E. O. Mittendorf

Administrator

FARutledge:foc
5-25-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG I - NW Dist.
H. M. Meyer, USBM
T. H. Kiilsgaard, USGS

Docket Copy

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

AUG 18 1955

Messrs. John McMannon, James McMannon,
and Kenneth B. Farmer
1627 Division Street
Bend, Oregon

Re: Docket No. DMEA 3819 - Mercury
Fremont Property
Lake County, Oregon

Gentlemen:

Your application for aid in an exploration project and other information available to us in Washington relating to the above-named property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information, although noting a small amount of mercury mineralization occurring in float boulders on your property, indicates to us that the probability of disclosing minable mercury ore reserves by your proposed program is not sufficiently promising to justify Government participation. Therefore, we regret to advise you that such application for exploration assistance is denied. Such denial, however, is made without prejudice. In the event further work on your part discloses new and more favorable evidence of ore deposition on the property, we shall be pleased to consider a new application. Of course, such evidence should be amply supported by detailed geologic and assay maps.

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

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge/SPHolt/GCSelfridge/ls/hb
Copy to: Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
H. M. Meyer, USBM
FT, Region I-Spokane

400

DOCKET
Surname:
Holt
Chapman
Meyer
Gethen
Kilgore
Selfridge

Messrs. John McManmon, James McManmon,
and Kenneth B. Farmer
1617 Division Street
Bend, Oregon

Re: Docket No. DMEA 3819 - Mercury
Fremont Property
Lake County, Oregon

Gentlemen:

Your application for aid for an exploration project and other data available to us in Washington concerning the above-referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information, although noting a small amount of mercury mineralization occurring in float boulders on your property, indicates to us that the probability of disclosing minable mercury ore reserves by your proposed program is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

Our denial, however, is made without prejudice to the property. If at some future date additional prospecting finds evidence of significant mercury mineralization, we shall be glad to consider a revised application for exploration assistance. The revised application should contain all of the necessary supporting data required by Form MF-103 and refer to the present docket.

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

Sincerely yours,

Administrator

cc: Docket
Code 400
Adm. Read. File
Oper. Committee
Thor Kiilsgaard, USGS
H. M. Meyer, USBM
FT, Region I-Spokane

FARutledge/SPHolt/ls
8/15/55

DOCKET
Surname:
Holt
Martin
Meyer

August 11, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $11,054.00
Docket No. DMEA 3819 - Mercury
John McManmon, James McManmon, and Kenneth B. Farmer
Fremont Property
Lake County, Oregon

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

(1) The applicants, John and James McManmon and Kenneth B. Farmer, 1617 Division Street, Bend, Oregon, requested exploration assistance in the amount of $11,054.00 for bulldozing, stripping, crosscutting and shaft sinking.

(2) The applicants control, by lease from the owner, Harry E. Hall, the Fremont No. 1 and Fremont No. 3 unpatented mining claims, located in the N.E. ¼, Section 34, and N.W. ¼, Section 35, T. 37 S., R. 16 E., W. M., Lake County, Oregon. These claims are recorded on pages 407 and 417 in Book 6 in the Courthouse of Lake County, Oregon.

(3) The proposed program is to explore the property by bulldozing trenches across the broad area in which cinnebar-bearing float boulders have been found. If this work finds cinnebar in bedrock, the plan is to excavate short surface trenches in the bedrock to expose the ore, then sink a shaft on the best exposure or exposures, and drift in the ore at the bottom of the shaft.

(4) On the slopes surrounding the flat knoll on which applicants' property is located, sparse disseminations of cinnebar have been found in float boulders of light buff-colored rhyolite and of corasely brecciated rhyolite material cemented by fine-grained quartz and opaline quartz. Bedrock, of brecciated rhyolite, is found in one shallow pit northeast of the knoll, and in a cliff, about 10 feet high, just down the slope from the pit. No cinnebar has been noted in the bedrock, although a little sparsely disseminated stibnite does occur in this rock.

Various shallow test pits, and at least two short shafts, have been sunk on the property. No production of cinnebar has been reported.

(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Division of the Geological Survey and the Bureau of Mines concur in this recommendation.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Adm. Read. File
Oper. Committee
Code 400

SPHolt/ls
8/11/55

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

August 11, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $11,054.00
Docket No. DMEA 3819 - Mercury
John McManmon, James McManmon, and Kenneth B. Farmer
Fremont Property
Lake County, Oregon

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(5) The Field Team concludes that there is little probability of making a significant discovery and recommends denial. The Commodity Division of the Geological Survey and the Bureau of Mines concur in this recommendation.

W S Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

IN REPLY REFER TO:

Hackett

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

RECEIVED
AUG - 1 1955

July 29, 1955

Re: DMEA 3819
John and James McManmon
and Kenneth Farmer
Fremont property
Lake Co., Oregon
$13,064 - Mercury

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration WSM

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report

The applicants would seem to have good reasons for prospecting the property by trenching, but as pointed out by the examiners no target for exploratory work now is recognized.

I concur with the denial recommendation of the Field Team.

N. E. Nelson

N. E. Nelson

Copy retained

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUL 25 1955

July 15, 1955

Mr. George C. Selfridge, Chairman
DMEA Operating Committee
Department of the Interior
Washington 25, D. C.

Re: Docket No. DMEA-3819 (mercury)
John and James McManmon
Kenneth B. Farmer
Fremont property
Lake County, Oregon

Dear Mr. Selfridge:

Enclosed are four copies of an examination report by Willard P. Puffett, Geological Survey, on the Fremont property, Lake County, Oregon.

There are float boulders on the surface of the area that contain meager amounts of cinnabar, but no cinnabar-bearing rock was found in place. It seems that considerably more work by the applicant would be needed before it could be determined whether or not an exploration was justified.

We therefore recommend that the application be denied.

By Field Team, Region I
Northwest District

Verne C. Fryklund

Verne C. Fryklund, Jr., Acting Member
U. S. Geological Survey

Thomas E Howard
for Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Enclosure (1)

cc: USBM (2)
Puffett

Reviewed by
DMEA OPERATING COMMITTEE
7-29-55
(date)

UNITED STATES
Department of the Interior
Defense Minerals Exploration Administration
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUL 25 1955

June 2, 1955

Memorandum

To: DMEA Field Team, Region I, Northwest District

From: Willard P. Puffett, Geologist, U. S. Geological Survey

Subject: Docket No. DMEA-3819 (mercury), appraisal of application for DMEA assistance on the Fremont property, Farmer and McMammon, Lake County, Oregon

APPLICANT

John McMammon, James McMammon, Kenneth B. Farmer
1617 Division Street, Bend, Oregon

EXAMINATION

The applicant's property was examined on Sunday, May 22, 1955, for DMEA by Willard P. Puffett and Donald F. Kellum, Geological Survey. Mr. and Mrs. James McMammon and Mr. Harry Hall accompanied the examiners. Nearly 4 hours were spent at the property. The examination consisted of inspecting numerous prospect pits, examining samples of rock containing cinnabar, and discussing the history of the property with the owner, Mr. Hall. No map was made as it was apparent that nearly all rock exposures were boulders in the overburden. No samples were taken of the material containing cinnabar.

SUMMARY

The applicant's property is on the south and southwest slopes of a relatively flat knoll. A thick mantle of soil and moderate amounts of timber obscure exposures of bedrock. Float boulders indicate that the area is underlain by rhyolitic volcanic rock which in places has been coarsely brecciated and recemented with fine-grained silica and opal. Very fine-grained cinnabar has been disseminated within both the rhyolite and the brecciated material. No samples were taken, but it is doubtful that the best specimens of boulders containing cinnabar would assay more than 5 pounds of mercury per ton.

Reviewed by
DMEA OPERATING COMMITTEE
7-29-55
(Date)

Scattered shallow prospect pits and at least two shafts have been excavated in the area in which the cinnabar-bearing boulders were found. Most of these workings are caved and surface material has sloughed around their borders. Obviously, however, these workings were unsuccessful in finding cinnabar in place.

Sparsely disseminated stibnite within brecciated rhyolite has been exposed in a surface prospect pit on the hill-slope to the northeast of the area in which cinnabar-bearing boulders have been found. No cinnabar has been found associated with the stibnite.

RECOMMENDATIONS

It is recommended that the application be denied. Rock containing sparse to moderate amounts of cinnabar has been exposed at numerous locations on the applicant's property, but in all instances, this rock appeared to be boulders in the overburden. A few prospect pits and shafts had failed to find bedrock containing cinnabar. Insufficient evidence is available on which to base an intelligent exploration project.

COMPETENCY OF APPLICANT

Mr. John McManmon, one of the applicants, was awarded a contract to explore for mercury in the Bear Creek district of Crook County, Oregon (Contract Idm-E721). He has demonstrated that he is capable of driving underground workings, but his understanding of geology is quite limited, and it has been necessary to closely supervise the project by frequent inspections. It is doubtful that he or either of the other of the three applicants could be considered competent to manage any but the most simple type of exploration project.

PROPERTY

The applicant's property includes two unpatented claims, the Fremont No. 1 and the Fremont No. 3. These claims have been recorded on page 407, Book 6, and page 417, Book 6, respectively, in the county courthouse of Lake County, Oregon. The claims are owned by Harry E. Hall, Bly, Oregon, and have been leased to John and James McManmon, and Kenneth B. Farmer. A copy of the lease was submitted with the application, but no Owner's Consent to Lien forms have been submitted. The latter forms have not been requested as it is not believed a contract should be prepared.

The two claims are in the NE$\frac{1}{4}$, sec. 34, and the NW$\frac{1}{4}$, sec. 35, T. 37 S., R. 16 E., W. M., Lake County, Oregon. The property is near the top and on the south and southwest slopes of a subdued, relatively flat hill, about half a mile north of State Highway 66, and about 1 mile east of Quartz Pass.

The grassy covered slopes support a moderate amount of timber, mostly fir with some small cedar and pine.

Access to the property is by Forest Service and logging roads that are kept in fair condition. Climate is semiarid, with most of the precipitation occurring as snow during the winter. Snow generally stays on the ground from December through April. The altitude at the top of the flat knoll on which the claims are located is 5,660 feet.

There are no surface facilities. The only underground workings are three or four shallow shafts, the deepest of which is reported to have been sunk about 50 feet. The ground around the collar of these shafts has sloughed, and all are filled with debris, so that the deepest pit now is about 6 feet.

HISTORY

Claims were first located in the area about 1935, apparently by some local prospector; subsequently, both the Cordero Mining Company and the Ewauna Logging Company prospected the area by sinking short shafts and excavating shallow prospect pits. No production resulted from this work, and the two companies allowed their claims to lapse.

Sometime after 1949, the claims were relocated by Harry E. Hall, who leased them to the applicant on November 15, 1954.

There is no evidence on the property that any but sporadic prospecting has been done on the property in recent years.

GEOLOGY

There are no published reports describing the detailed geology in the immediate area of the applicant's property. However, Mr. W. R. Johns has described the area in a Master's Thesis (Oregon University, June 1949). This thesis had as its subject the geology and quicksilver occurrences at Quartz Mountain, Oregon, and appears to be an adequate description of the area. Inasmuch as there were so few exposures in the vicinity of the applicant's property, the DMEA examiners have consulted the thesis in an effort to understand the geologic environment in which the cinnabar occurs.

On the slopes surrounding the flat knoll on which the applicant's property is located, boulders in the overburden are composed of two main rock types. One is a very light buff-colored, exceedingly fine-grained rhyolite in which are scattered tiny phenocrysts of clear quartz. One or two of these boulders also contained feldspar phenocrysts. The other rock type is coarsely

brecciated rhyolitic material, which has been cemented by fine-grained quartz and opaline silica. One shallow pit on the northeast slopes of the knoll had exposed bedrock consisting of coarsely brecciated rhyolitic rock. Just downslope from this pit, brecciated rhyolite forms a cliff about 10 feet high.

Cinnabar occurs as sparse disseminations in the rhyolite and as occasional grains in very thin stringers of fine-grained quartz and opaline silica in the brecciated rock. One or two of the boulders contained sufficient cinnabar to give the rock an over-all light pink color, but the cinnabar is so extremely fine grained that it is doubtful that the rock as a whole contained as much as 5 pounds of mercury per ton. In his thesis, Mr. W. K. Johns states that he had picked two of the best looking specimens of rock containing cinnabar and sent them to the Oregon State Laboratories for assay. These specimens assayed 3.0 and 5.6 pounds of mercury per ton.

The only ore mineral found in actual bedrock is stibnite. This mineral was exposed in the shallow pit on the northeast slope of the knoll. The stibnite has formed as scattered groups of radiating crystals, averaging from about a quarter to a half an inch long. Around the crystals of stibnite the rock contains splotches and bands of dark, smoky material that may represent exceedingly fine-grained stibnite.

According to Johns, the rhyolite breccia is part of a relatively thick flow and is at least pre-Pliocene in age.

Although the cinnabar is found only within the rhyolite and rhyolite breccia, no definite trend to the occurrences of cinnabar can now be made, other than that it occurs in a broad area about 300 feet wide on the south and southwest slopes of the flat-topped knoll.

APPLICANT'S PROPOSAL

The applicant proposes to explore the property by bulldozing trenches across the broad area in which the cinnabar-bearing float boulders have been found. If this work is successful in finding cinnabar in bedrock, he plans to excavate short surface trenches by blasting the bedrock to better expose the ore. This will be followed by sinking a shaft on the best exposures and drifting on the ore from the bottom of the shaft.

The program as outlined by the applicant has some merit and seems to be the best procedure to follow if further prospecting and exploration is to be done on the property. However, former owners of the property have unsuccessfully done a certain amount of prospecting by sinking shafts and excavating prospect pits. The apparent low grade of the material and the lack of definite zones along which to explore should be sufficient to discourage further prospecting, even with the present high price of mercury. Actually the property is only in a prospect stage, and it is believed that more definite evidence as to the actual location of the cinnabar in bedrock should be obtained by the applicant before a DMEA exploration contract is considered.

Distribution:
DMEA (4)
USBM (2)
USGS (SRO)
Docket
Puffett

Docket

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 27 1955

May 26, 1955

Copy retained 250

Re: DMEA-3819
McManmon, McManmon
and Farmer
Fremont Property
Lake County, Oregon
$11,054.00 - Mercury

WSM

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

This prospect is some 115 miles south and a little west of the Pinkey, the scene of DMEA 3382 contract work by the McManmons, and in the district reported upon by C. P. Ross, U.S.G.S. Bull. 931(b). The Fremont is not mentioned.

Since a field inspection is planned a report will be awaited.

Incidentally is not the total of this application,

$11,054.00
585.00
11,639.00
1,425.00(?)
$13,064.00

N. E. Nelson

N. E. Nelson

IN REPLY REFER TO:

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

Defense Minerals
MAY 27 195

May 26, 1955

Re: DMEA-3819
McMannon, McMannon
and Farmer
Fremont Property
Lake County, Oregon
$11,054.00 - Mercury

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

This prospect is some 115 miles south and a little west of the Pinkey, the scene of DMEA 3382 contract work by the McMannons, and in the district reported upon by C. F. Ross, U.S.G.S. Bull. 931(b). The Fremont is not mentioned.

Since a field inspection is planned a report will be awaited.

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11,639.00
1,425.00(?)
$13,064.00

N. E. Nelson

N. E. Nelson

NENelson:hlm
G-5/26/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
H. M. Meyer, 2623 Interior

IN REPLY REFER TO:

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

May 26, 1955

Re: DMEA-3819
McNamara, McNamara
and Farmer
Fremont Property
Lake County, Oregon
$11,054.00 - Mercury

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application

This prospect is some 115 miles south and a little west of the Pinkney, the scene of DMEA 3382 contract work by the McNamaras, and in the district reported upon by C. P. Ross, U.S.G.S. Bull. 931(b). The Fremont is not mentioned.

Since a field inspection is planned a report will be awaited.

Incidentally is not the total of this application,

$11,054.00
585.00
11,639.00
1,425.00(?)
$13,064.00

N. E. Nelson

N. E. Nelson

NENelson:hlm
G-5/26/55

Copy to: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
N. M. Meyer, 2623 Interior

DOCKET
SURNAME

400 Rutledge
Martin
Selfridge
FBJohnson

MAY 2 6 1955

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region I - Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA 3819 - Mercury
John McMammon, James McMammon,
and Kenneth B. Farmer
Fremont property
Lake County, Oregon

Dear Mr. Weissenborn:

Reference is made to the subject docket and your letter of May 17, 1955, which states that a field examination of the Fremont property will be made.

We will, therefore, hold this application in abeyance until the report and recommendations by the Field Team are received. In the event an exploration project is recommended by the Field Team, Owner's Consent to Lien forms should be obtained.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GCS)

APPROVED:

J. H. Hedges (JHH)
Member, Bureau of Mines

Thor H. Kiilsgaard (THK)
Member, Geological Survey

FARutledge:foc
5-25-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG. I - NW Dist.
H. M. Meyer, USBM
T. H. Kiilsgaard, USGS

R.C.S.

DOCKET
SURNAME

409 Rutledge
Martin
Kilsgaard
Hedges
Selfridge
F Johnson

MAY 2 6 1955

Messrs. John McMannon, James McMannon,
and Kenneth B. Farmer
1617 Division Street
Bend, Oregon

Re: Docket No. DMEA 3819 - Mercury
Fremont property
Lake County, Oregon

Gentlemen:

The above-docketed application for exploration assistance for mercury has been reviewed by the Defense Minerals Exploration Administration and referred to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I - Northwest District, South 157 Howard Street, Spokane 4, Washington, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

FARutledge:foc
5-25-55
cc to: Docket
Code 400
Adm. Reading File
Operating Comm.
FT. REG I - NW Dist.
H. M. Meyer, USBM
T. H. Kiilsgaard, USGS

RCH

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

Mails & Files
Surname
Martin
Volin
Selfridge
McNamara

MAY 13 1955

Mr. A. E. Weissenborn, Executive Officer
DMEA Field Team, Region I - Northwest District
South 157 Howard Street
Spokane 4, Washington

Dear Mr. Weissenborn:

Reference is made to the report for the month of April 1955 of DMEA Field Team, Region I - Northwest District, transmitted to us with your letter of May 4. On page 2 of the list of "Applications in Process," under the heading "Oregon," we note that John and James Bathmann and Kenneth B. Farmer submitted a mercury application received by you on April 7, 1955, and transmitted to Washington on April 29, 1955.

Apparently the above-described application was not received here. Please review your files to determine whether such an application was in fact mailed and, if so, please send us a copy of your letter of transmittal and your file copy of the application, which can then be duplicated and returned to you.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee

WMMartin
~~Kitchings~~:foc
5-12-55
cc to: Docket
Code 100
Adm. Reading File
Operating Comm.
FT. REG.I - NWDist.

APPROVED:

M. E. Volin for J. H. Hedges
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

R.C.S.

May 20, 1955

Subject: DMEA-3819
Re: Exploration Assistance

John McMannon, James McMannon,
and Kenneth B. Farmer
1617 Division St.,
Bend, Oregon.

Gentlemen:

The receipt of your application dated (undated) for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3819 and referred to the Iron & Ferro Alloys Division.

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

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

May 20, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region I (NW)

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region I (NW)

DMEA 3819 John McManmon, James McManmon and Kenneth B. Farmer

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

May 17, 1955

Mr. George C. Selfridge, Chairman
Operating Committee, DMEA
Department of the Interior
Washington 25, D. C.

Re: Application for DMEA assistance
Fremont Property
Lake County, Oregon

Dear Mr. Selfridge:

Enclosed are the original and two copies of an Application for Aid in an Exploration Project submitted by John McManmon, et al., of Bend, Oregon. The applicant proposes to explore the Fremont property, Lake County, Oregon, for mercury.

A field examination of this property is scheduled for this week while examiners are in the vicinity. The application is not complete but additional information, including a claim map, will be obtained.

In response to our letter of April 13 to the applicant requesting more information, they informed us that the claims are the Fremont No. 1, recorded in Book 6, page 407, and the Fremont No. 3, Book 6, page 417 (presumably recorded at the county courthouse at Lakeview, Oregon).

Enclosed also are three copies of a lease dated November 15, 1954, between Harry E. Hall, lessor, and John McManmon, James McManmon and Kenneth B. Farmer, lessees.

Sincerely,

John S. Vhay

John S. Vhay
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

Enclosures
cc: USBM (2)
Puffett

P.S. We just received your letter of May 13, 1955, saying you had not received this application which we stated in our monthly report was mailed to you April 29. When Puffett was getting ready to go to the field, we discovered all copies of the application were in our docket and had not been forwarded. Very sorry for the inconvenience caused by our oversight.

L E A S E

This indenture made this 15th day of November, 1954, between Harry E. Hall of the first part, lessor, and John McManmon, James L. McManmon and Kenneth B. Farmer, of the second part, lessees,

W I T N E S S E T H:

That the lessor, for and in consideration of the rents, covenants, and agreements hereinafter expressed to be paid, kept, and performed by the lessees, and the sum of $500.00 down payment, receipt whereof is hereby acknowledged, has leased, let, and demised, and by these presents does lease, let, and demise unto the lessees, the following described premises situate, lying, and being in the Northeast quarter of Section 34 and the Northwest quarter of Section 35, all in Township 37 South, range 16, E.W.M. in Lake County, State of Oregon, filed in the office of the County Clerk Sept. 30, 195[illegible].

To have and to hold the same, for the purpose of mining cinnebar, gold and antimony from the date hereof until production proves impractical from a financial standpoint. And the lessees, for and in consideration of the leasing of the premises, have covenanted and agreed, and by these presents do coven ant and agree with lessor, to commence work on the premises as early in the spring of 1955 as practical, and thereafter to work them ~~continuously~~, in a thorough and workmanlike manner, ~~and working at least one shift to the man each working day~~; and keeping the premises securely timbered, drained, and clear of loose rock and rubbish; to keep accurate accounts, and to render statements, accompanied by vouchers, to the lessor, his agent, or attorney, showing the amount of all ore taken from the premises and the yield thereof, and also the cost of hauling and milling it, and to pay five per cent (5%) to lessor, his agent, or attorney, as rental for the premises. The lessees are to account and pay to the lessor the royalty above mentioned every three (3) months dating from the time production starts.

The lessees furthermore covenant and agree that the lessor, his agent, or attorney shall have the right at any and all times to enter upon and descend into any and all parts of the premises, and that the lessees will render to him all the assistance in their power in so doing, with the use of all passages, ropes, windlasses, ladders, and all other means of ingress and egress for such purpose.

The lessees covenant and agree to occupy and hold all crevices, side veins, spurs, feeders, cross-lodes, parallel lodes, or mineral deposits of any kind, which may be discovered in working under this lease or in any tunnel run to intersect the above described prospects, or by the lessees, or any person or persons under them, in any manner, at any point within fifty (50) feet of the center of the lode, as the property of lessor; and the privilege to lessees of working the same, as an appurtenance of the premises.

HERBERT P. WELCH
ATTORNEY AND
COUNSELOR AT LAW
UMBACH BLDG.
LAKEVIEW, OREGON

premises during the term of this lease; and not to locate or record the same, or allow the same to be located or recorded, except in the name of the lessor. ~~This lease shall be void in case of a sale of the premises for a valuable consideration.~~

The lessees covenant and agree that in case they fail to commence work on the premises as aforesaid, or to work them ~~continuously and~~ with reasonable diligence and in workmanlike manner, or to keep them securely timbered, or to render said statements, or to pay the rental as aforesaid, or in any respect to keep and fulfil any and all agreements herein expressed or implied, then, and in that case it shall be lawful for the lessor, his agent, or attorney, to declare the term ended, and with or without process of law to enter upon and take possession of the premises, and in such case as well as in case of a sale of the premises as aforesaid, and also at the expiration of this lease by limitation, lessees agree to surrender, yield, and deliver to lessor, his heirs, executors, administrators, or assigns, quiet and peaceable possession of the premises in good condition.

IN WITNESS WHEREOF, the parties hereto have executed these presents the day and year first above written.

Fanny E. Hall. (SEAL)
First party- Lessor

[illegible] (SEAL)

[illegible] (SEAL)

[illegible] (SEAL)
Second parties- Lessees

HERBERT P. WILCH
ATTORNEY AND
COUNSELOR AT LAW
UMBACH BLDG.
LAKEVIEW, OREGON

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
MAY 20 1955
Defense Minerals Administration

RECEIVED
APR 7 1955
U. S. G. S.
SPOKANE, WASH.

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

Not to be filled in by applicant

Docket No. 3819
Metal or Mineral Mercury
Date Received 5-20-55
Estimated Cost 11,054.00
Participation (Government %) 75

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: John McManmon 1617 Division St., Bend, Oregon
James McManmon 1617 Division St., Bend, Oregon
Kenneth B. Farmer 1617 Division St., Bend, Oregon

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

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

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

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

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

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

5. *The exploration project.*—(*a*) State the mineral or minerals for which you will explore Mercury

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 30 days and be completed within 12 months from the date of an exploration project contract.

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

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☒ Use of equipment owned by you ☒ Other

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated ....., 195...

Kenneth B. Farmer
James L. McMannon
John McMannon
(Applicant)

By.....

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

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

Department of the Interior
Defense Minerals Administration
Region
APR 20 1955

JOHN MC MANMON, JAMES MC MANMON & KENNETH B. FARMER
1617 DIVISION ST. BEND, OREGON

Phase 1-A)
(b) Does not apply.
(c) Does not apply.
(d) Does not apply.

Phase 2-A) General

Phase 3-A) Northeast quarter of Section 34, and the Northwest quarter of Section 35, all in Township 37 South, Range 16, E.W.M. in Lake County, State of Oregon
(b)

(c) Lessee
(d) Will be furnished.
(e) Does not apply, except for what is stated in lease.
(f) filed in County Clerks office Sept 30, 1953

Phase 4-A) A Location of 6 ft. in depth, outcropings of mercury bearing ore along the dyke.
(b) None
(c) A silicon formation, a vein of which runs to the Northwest. Assays from location hole- from 1 to 3 per cent. We wish to explore this property because it looks like it has very promising possibilities.
(d) Located 1/2 mile off highway, county road to the property.
(e) Materials equipment, and power within a reasonable distance.

Phase 5-A) Mercury
(b) Thirty hours of bull-dozing, about 10 cross-cuts with an average depth of 4 ft. 4' wide and 20 ft. long, sinking a shaft if practical of 50 ft. in depth.
(c) The work will start within 30 days of approval and completed within one year.
(d) Working a project under D.M.E.A. contract-3382

PHASE ONE OF PROPOSED CONTRACT

Phase 6-A) Thirty hours of bull-dozing work at 10 dollars per hour to make road on property and remove over-burden where necessary on dyke. This work is to be contracted.....$300.00
Transpation of Bull-Dozer 50.00
350.00

Phase-2) Cutting of 2 cross-cuts based on two men.
6- (b) 2 miners at 16 dollars per day for 60 days.$1920.00
(c) Gas and Oil for compressor 165.00
Powder, caps, and fuse..... 250.00
Drill steel and bits..... 25.00
2360.00

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Phase-(3) Sinking a 4 Dia 6 shaft of 50 ft.

6-(b)	2 miners at 16 dollars a day for 50 days...	$1600.00
	1 working foreman-20 dollars a day.....	1000.00
(c)	Timbering- 4 dollars per foot.....	200.00
	Head frame.....	250.00
	Powder, caps, and fuse- 3 dollars per foot.	150.00
	Gasoline and Oil for compressor.....	250.00
	Drill oil	5.00
	Drill steel and bits	25.00
	50 ft. of 3/4 in. pipe- 19¢ a foot.....	9.50
	50 ft. of water line 1/2 in. pipe-12¢ a ft.	6.00
		3605.00
(d)	Operating equipment to be furnished by operator	
	Compressor.....	$800.00
	Jack-hammer.....	200.00
	Hoist and Winzes.....	200.00
	Hand tules such as picks, shovels and etc.	25.00
		1425.00
(e)	Does not apply.	
(f)	Does not apply.	
(g)	Workman's compensation	$250.00
	Assaying	75.00
	Social Security	60.00
(h)	Contingencies	200.00
		585.00

34 95.50

1225.00

Total Phase-1	$350.00
Total Phase-2	2360.00
Total Phase-3	3605.00
Total Phase-4	2729.00
Grand Total	11054.00

Phase-4) 100 ft. drifting on bottom of shaft.

6-(b)	2 men 16 dollars per day for 34 days	$1088.00
	1 working foreman 20 dollars per day for thirty four days	680.00
(c)	Timbering - 4 dollars per foot.....	400.00
	Powder, caps & fuse 3 dollars a foot.....	300.00
	Drill steel & bits	25.00
	Gasoline & oil for compressor.....	200.00
	Drill oil	5.00
	100 ft. 3/4 in pipe - 19¢ per foot.....	19.00
	100 ft. 1/2 in. pipe - 12¢ per foot	12.00
		2729.00