DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2583

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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 Copies to USBM, USGS. One copy was retained by Region II.

To: Code 500, Rm. 2614 Date 6-17-52

To: Op. Com Date 7-7-52

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DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:
500

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

SEP 15 1952

Mr. Percy S. Dodge
112½ East Broadway Street
Butte, Montana

Re: Docket No. DMEA-2583 (Lead-Zinc)
Jefferson County, Montana

Dear Mr. Dodge:

Reference is made to your application, Docket No. DMEA-2583 for Government assistance in the exploration of your property.

A study of the information furnished in your application, the reports of the field engineers and other available data, indicates that the possibility of finding significant bodies of ore on your property is too poor to warrant the expenditure of public funds. We regret to advise you, therefore, that your application is denied.

Your interest in the defense program is appreciated and we wish to thank you for bringing your property to the attention of the Government.

Sincerely yours,

9/15/52

C. O. Mittendorf

Administrator

FXCorbett/mb
Sept. 10, 1952
Copy to: Docket
Adm. Reading File
Operating Committee
Mr. Keller (2)
Mr. Corbett
Mr. Bishop
Mr. McKnight
Region II (2)

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

September 10, 1952

Memorandum

To: Administrator

From: Chief, Base Metals Division

Subject: Denial of Application, Docket No. DMEA-2583

In concurrence with the Field Team and Commodity engineers regarding the merits of this proposal, this office has refused to grant exploration funds for this property.

The application was received in this office on June 17, 1952, and a report by the USBM and the USGS describing the property on September 2, 1952. The underground workings being inaccessible because of caves, the examination was limited to surface exposures. These indicate a paucity of mineralization which precludes the possibility of finding significant bodies of ore on the property.

H. F. Keller

FILE COPY
SURNAME:

500 Corbett

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

September 10, 1952

Memorandum

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9/15/52

H. F. Keller

FXCorbett/mb
September 10, 1952
Copy to: Docket
Adm. Reading File
Oper. Comm.
Mr. Keller (2)
Mr. Corbett
Mr. Bishop
Mr. McKnight

IN REPLY REFER TO:

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

September 9, 1952

Memorandum

Re: DMEA-2583
McNary & Cline Claims
Alhambra District
Jefferson County, Montana
$5,600

To: Mr. H. F. Keller

From: E. L. Newcomb, USGS
O. M. Bishop, USBM

Subject: Concurrence with field team denial

The applicant proposes to intersect the westward extension of a known vein by crosscutting and drifting 200 feet.

The field team recommends that the application be denied.

Two adits and two shafts are reported to have intersected the vein about 300-500 feet east of the location of the proposed work. These workings are inaccessible and no outcrops of vein are exposed at the surface. Dump material from the old workings contains sparse amounts of sulfides in highly altered quartz monzonite. It is reported that 4880 pounds of hand sorted ore was shipped in 1934 which assayed 11.6 per cent lead, 8.8 per cent zinc, and 7.3 oz. per ton silver.

Although the applicant's statements about the grade, width, and continuity of the vein could not be verified by the field examination, the mineralized material on the dumps did not indicate that the property warranted Government assistance.

We concur with the field team's recommendation that the application be denied.

E. L. Newcomb
E. L. Newcomb
Geologist

O. M. Bishop
O. M. Bishop
Mining Engineer

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

September 9, 1952

Re: IMBA-2583
McNary & Cline Claims
Alhambra District
Jefferson County, Montana
$5,600

Memorandum

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From: E. L. Newcomb, USGS
O. M. Bishop, USBM

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E. L. Newcomb
Geologist

O. M. Bishop
Mining Engineer

OFFICE OF THE ADMINISTRATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION

WASHINGTON 25, D. C.

So. 157 Howard Street
Spokane 4, Washington

SEP 2 1952

August 24, 1952

Memorandum

To: Mr. Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Field Team, Region II

Subject: Docket DMEA-2583, McNary and Cline claims, Jefferson County, Montana, Percy S. Dodge, Applicant (Lead-Zinc)

Enclosed are 4 copies of reports by Donald Irving, U. S. Bureau of Mines and George Becraft, U. S. Geological Survey on the subject. Inasmuch as the workings on the property are all inaccessible very little could be seen. Exposures on the surface, however, and inspection of the dump did not indicate that the property warrants an exploration contract, and therefore denial of the application is recommended.

The applicant plans to clean out at least one of the shafts and Mr. Becraft has agreed to inspect the workings again when this is done. At this time a new application could be submitted if the showings in the shaft indicate that an exploration project is feasible and an exploration program can be devised.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

Glenn C. Reed

for: M. E. Volin, Member
(U. S. Bureau of Mines)

cc: USBM(2)
Becraft

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

So. 157 Howard Street
Spokane 4, Washington

August 8, 1952

Memorandum

To: A. E. Weissenborn, Exec. Officer, DMEA Field Team, Region II

From: George E. Becraft, Geologist, U. S. Geological Survey

Subject: Docket DMEA-2583, Report on McNary and Cline claims, Jefferson County, Montana, Percy S. Dodge, applicant, (Lead-Zinc)

RECOMMENDATIONS

A field examination of the subject property did not disclose sufficient evidence to justify an exploration loan. Therefore, it is recommended that the application submitted by Percy S. Dodge, 112½ E. Broadway Street, Butte, Montana, for a DMEA loan for exploration on the McNary and Cline claims, sec. 17, T. 8 N., R. 2 W., Jefferson County, Montana, be denied.

INTRODUCTION

The writer, accompanied by Donald Irving, U. S. Bureau of Mines; Percy S. Dodge, the applicant; and William Mulcahy, one-half owner of the subject claims, spent approximately three hours examining the property.

PROPERTY AND LOCATION

The McNary and Cline claims, held by location, are situated at the head of Maupin Creek, about 7 miles by county road up Warm Springs Gulch from Alhambra, Montana. They are in SW¼, sec. 17, T. 8 N., R. 2 W., Jefferson County, Montana.

PROPERTY RIGHTS

The applicant is one-half owner and has a subordination agreement with the other one-half owner, William Mulcahy.

GEOLOGY

The property is located in the quartz monzonite of the Boulder batholith. Two caved adits and two caved shafts on the McNary claim (see accompanying map) apparently intersected a vein containing some sulfide mineralization, however the vein was not exposed in any of the old workings and because of the thick overburden was not observed in outcrop. On the dump of the easternmost caved adit, reportedly 250 feet in length, was a small ore pile containing sphalerite, galena, pyrite, arsenopyrite, and minor chalcopyrite, in a quartz and intensely altered quartz monzonite gangue. The dump contained a large amount of hydrothermally altered quartz monzonite. On the small dump of the other caved adit were two ore piles, estimated 50 and 500 pounds, containing the sulfides listed above.

Each of the caved shafts had very small dumps which were made up largely of unaltered quartz monzonite with a minor amount of limonite-stained, altered quartz monzonite containing sparse pyrite and specks of galena. The walls of the shafts, caved near the surface, exposed only unaltered quartz monzonite.

One caved shaft with a small dump was examined on the Cline claim. A small amount of quartz containing sparse pyrite was observed.

PAST OPERATION

It is reported that a shipment of 4,880 pounds of crude ore, reportedly hand sorted, was made in 1934 from the McNary claim. The shipment is reported to have assayed 11.6 percent lead, 8.8 percent zinc, 7.3 oz. silver, 4.6 percent arsenic, and 0.05 percent copper.

APPLICANT'S PROPOSAL

The applicant proposed to drive a crosscut approximately 100 feet long to intersect the vein about 300 feet west of the western caved shaft (see map) and drift 100 feet on the vein.

CONCLUSIONS

The owners report that the zone of altered quartz monzonite is about 10 feet wide and is cut by small veins of galena and sphalerite. These statements could not be verified during the field examination because the vein could not be observed in any workings nor on the surface, therefore, the attitude, width, continuity, or

probable grade could not be determined. The small shipment, reportedly hand sorted, and the small amount of sulfides on the dumps do not suggest a very large vein, however. It is therefore recommended that the subject application be denied.

George E. Becraft
Geologist

Enclosure 1

cc: DMEA (Orig. & 3)
USBM (1)
USGS (SRO)
G. Becraft

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Wash.

August 25, 1952

Memorandum

To: M. E. Volin, Member, DMEA Field Team, Region II

From: D. R. Irving, Mining Engineer, Mining Division, Region II

Subject: DMEA Docket No. 2583, McNary & Cline Claims, Percy S. Dodge, 112½ E. Broadway St., Butte, Montana.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

An examination of the McNary and Cline claims was made on August 1, 1952, with George E. Becraft, Geologist, U. S. Geological Survey, and Percy S. Dodge and William Mulcahy, claim owners. Approximately three hours was spent on the property.

Workings on the property consist of two caved adits and two caved shafts. No vein matter is exposed at any point.

It is recommended that the application for DMEA assistance be denied.

LOCATION

The property is in the Alhambra Mining District at the head of Maupin Gulch, about five miles due east of Alhambra, Jefferson County, Montana, in the SW¼, Sec. 17, T. 8 N., R. 2 W. Access is from Alhambra by good county road about 7 miles up Warm Springs Canyon.

PROPERTY

The property consists of two unpatented mining claims, McNary and Cline, owned jointly and in equal shares by Percy S. Dodge and William Mulcahy. The claims are recorded in Book 45, pages 582 and 583, Jefferson County Court House, Boulder, Montana.

MINE WORKINGS

Two adits and two shafts, all caved and inaccessible, represent past development. No recent excavations have been made.

The size of the dump seems to substantiate the owners' statement that the lower adit was driven about 15 feet beyond the downward extension of the upper shaft.

GEOLOGY

The country rock is quartz monzonite unaltered, where exposed in the two caved shafts. On the lower dump much of the quartz monzonite was altered.

In the caved shafts the walls were exposed to a depth of 10-15 feet, but no vein was disclosed. Mr. Malcahy stated he had been to the face of the lower drift when it was accessible and that about 10 feet of vein containing numerous sulphide stringers were exposed. Thick overburden covered the area.

A few hundred pounds of rock containing sphalerite, galena, pyrite, arsenopyrite, and minor chalcopyrite in a quartz gangue are piled on the dumps. The width of the stringers apparently ranged to a maximum of three inches.

PAST OPERATION

Past production was limited to one shipment of 4,880 pounds from the McNary claim, (Lot No. A. S. & R. 1245, Aug. 10, 1934), reported to assay 7.3 ounces silver per ton, 11.6 percent lead, 0.05 percent copper, and 8.8 percent zinc.

This small shipment was probably hand sorted from a large amount of waste. There is only a small amount of ore on the dumps, and there is no point where the vein can be observed. Thus, it is concluded that the vein is narrow, and probably not persistent.

D. R. Irving

CC: 4-Wash.
2-USGS
Albany
M/D
DRI

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

So. 157 Howard Street
Spokane 4, Washington

August 24, 1952

Memorandum

To: Mr. Frank E. Johnson, Chairman, Operating Committee, DMEA

From: Field Team, Region II

Subject: Docket DMEA-2583, McNary and Cline claims, Jefferson County, Montana, Percy S. Dodge, Applicant (Lead-Zinc)

Enclosed are 4 copies of reports by Donald Irving, U. S. Bureau of Mines and George Becraft, U. S. Geological Survey on the subject. Inasmuch as the workings on the property are all inaccessible very little could be seen. Exposures on the surface, however, and inspection of the dump did not indicate that the property warrants an exploration contract, and therefore denial of the application is recommended.

The applicant plans to clean out at least one of the shafts and Mr. Becraft has agreed to inspect the workings again when this is done. At this time a new application could be submitted if the showings in the shaft indicate that an exploration project is feasible and an exploration program can be devised.

By Field Team, Region II

A. E. Weissenborn, Executive Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

cc: USBM(2)
Becraft

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

So. 157 Howard Street
Spokane 4, Washington

August 8, 1952

Memorandum

To: A. E. Weissenborn, Exec. Officer, DMEA Field Team, Region II

From: George E. Becraft, Geologist, U. S. Geological Survey

Subject: Docket DMEA-2583, Report on McNary and Cline claims, Jefferson County, Montana, Percy S. Dodge, applicant, (Lead-Zinc)

RECOMMENDATIONS

A field examination of the subject property did not disclose sufficient evidence to justify an exploration loan. Therefore, it is recommended that the application submitted by Percy S. Dodge, 112½ E. Broadway Street, Butte, Montana, for a DMEA loan for exploration on the McNary and Cline claims, sec. 17, T. 8 N., R. 2 W., Jefferson County, Montana, be denied.

INTRODUCTION

The writer, accompanied by Donald Irving, U. S. Bureau of Mines; Percy S. Dodge, the applicant; and William Mulcahy, one-half owner of the subject claims, spent approximately three hours examining the property.

PROPERTY AND LOCATION

The McNary and Cline claims, held by location, are situated at the head of Maupin Creek, about 7 miles by county road up Warm Springs Gulch from Alhambra, Montana. They are in SW¼, sec. 17, T. 8 N., R. 2 W., Jefferson County, Montana.

PROPERTY RIGHTS

The applicant is one-half owner and has a subordination agreement with the other one-half owner, William Mulcahy.

Reviewed by
DMEA OPERATING COMMITTEE

9-9-52
(date)

GEOLOGY

The property is located in the quartz monzonite of the Boulder batholith. Two caved adits and two caved shafts on the McNary claim (see accompanying map) apparently intersected a vein containing some sulfide mineralization, however the vein was not exposed in any of the old workings and because of the thick overburden was not observed in outcrop. On the dump of the easternmost caved adit, reportedly 250 feet in length, was a small ore pile containing sphalerite, galena, pyrite, arsenopyrite, and minor chalcopyrite, in a quartz and intensely altered quartz monzonite gangue. The dump contained a large amount of hydrothermally altered quartz monzonite. On the small dump of the other caved adit were two ore piles, estimated 50 and 500 pounds, containing the sulfides listed above.

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The applicant proposed to drive a crosscut approximately 100 feet long to intersect the vein about 300 feet west of the western caved shaft (see map) and drift 100 feet on the vein.

CONCLUSIONS

The owners report that the zone of altered quartz monzonite is about 10 feet wide and is cut by small veins of galena and sphalerite. These statements could not be verified during the field examination because the vein could not be observed in any workings nor on the surface, therefore, the attitude, width, continuity, or

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George E. Becraft
Geologist

Enclosure 1

cc: DMEA (Orig. & 3)
USBM (1)
USGS (SRO)
G. Becraft

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
1201 N. Division St.
Spokane 2, Wash.

August 25, 1952

Memorandum

To: M. E. Volin, Member, DMEA Field Team, Region II

From: D. R. Irving, Mining Engineer, Mining Division, Region II

Subject: DMEA Docket No. 2583, McNary & Cline Claims, Percy S. Dodge, 112½ E. Broadway St., Butte, Montana.

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

An examination of the McNary and Cline claims was made on August 1, 1952, with George E. Becraft, Geologist, U. S. Geological Survey, and Percy S. Dodge and William Mulcahy, claim owners. Approximately three hours was spent on the property.

Workings on the property consist of two caved adits and two caved shafts. No vein matter is exposed at any point.

It is recommended that the application for DMEA assistance be denied.

LOCATION

The property is in the Alhambra Mining District at the head of Maupin Gulch, about five miles due east of Alhambra, Jefferson County, Montana, in the SW¼, Sec. 17, T. 8 N., R. 2 W. Access is from Alhambra by good county road about 7 miles up Warm Springs Canyon.

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The country rock is quartz monzonite unaltered, where exposed in the two caved shafts. On the lower dump much of the quartz monzonite was altered.

In the caved shafts the walls were exposed to a depth of 10-15 feet, but no vein was disclosed. Mr. Milcahy stated he had been to the face of the lower drift when it was accessible and that about 10 feet of vein containing numerous sulphide stringers were exposed. Thick overburden covered the area.

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This small shipment was probably hand sorted from a large amount of waste. There is only a small amount of ore on the dumps, and there is no point where the vein can be observed. Thus, it is concluded that the vein is narrow, and probably not persistent.

D. R. Irving

CC: 4-Wash.
2-USGS
Albany
M/D
DRI

FILE COPY
SURNAME:

500

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

JUL 8 1952

Mr. A. E. Weissenborn
Executive Officer, Region II
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA 2583 (Lead-Zinc)
Dodge, Percy S.

Dear Mr. Weissenborn:

With reference to your letter of transmittal of June 11, on the subject application, we are advising Mr. Dodge that a field examination will be made by your office as soon as possible.

Sincerely yours,

(signed) FRANK E. JOHNSON
Chairman, Operating Committee

HFKeller/mef/mb
7/2/52
cc to: Adm. R. File
Opp. Comm.
Docket
Mr. Keller
Mr. McKnight
Mr. Bishop
Region II

APPROVED:

J. H. Hedges
Member, Bureau of Mines

D. M. Lemmon
Member, Geological Survey

FILE COPY
500 SURNAME:

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

JUL 8 1952

Mr. Percy S. Dodge
112½ East Broadway Street
Butte, Montana

Re: Docket No. DMEA 2583 (Lead-Zinc)
Dodge, Percy S.

Dear Mr. Dodge:

Your application for Government assistance, Docket No. DMEA 2583, has been reviewed by the Base Metals Division of the Defense Minerals Exploration Administration, and has been referred to Mr. A. E. Weissenborn, Executive Officer, Region II, DMEA Field Team, South 157 Howard Street, Spokane 8, Washington for an examination of your property as soon as practicable.

The Region Office will contact you at their earliest opportunity in regard to your project.

Sincerely yours,

H. F. Keller, Acting Chief
Base Metals Division

S.H. 7-8-52

HFKeller/mb
7/2/52
cc to: Adm. R. File
Docket
Mr. Keller
Region II

IN REPLY REFER TO:

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

June 24, 1952

Memorandum

To: Mr. H. F. Keller

From: E. L. Newcomb

Subject: Review of application

Re: DMEA-2583
McNary and Cline Claims
Jefferson County, Montana
$5,600
Lead-zinc

The field team states that a copy of the application is being retained to facilitate an examination of the property in late June or early July.

We are returning the attached copy of the application to your office. Further consideration of the applicant's proposal will be made after we receive the field team's report.

E. L. Newcomb

E. L. Newcomb
Geologist

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

June 24, 1952

Memorandum

Re: IMEA-2583
McNary and Cline Claims
Jefferson County, Montana
$5,600
Lead-zinc

To: Mr. H. F. Keller

From: E. L. Newcomb

Subject: Review of application

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We are returning the attached copy of the application to your office. Further consideration of the applicant's proposal will be made after we receive the field team's report.

E. L. Newcomb
Geologist

EXPLORATION

Subject: DMEA-2583
Re: Exploration Loan
McNary Mine
June 17, 1952

Mr. Percy S. Dodge
112½ East Broadway Street
Butte, Montana

My dear Mr. Dodge:

This will acknowledge receipt of your application dated June 10, 1952, for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2583 and referred to the Base Metals Division.

Kindly refer to DMEA-2583 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Administrative Officer

7862

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

So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 17 1952

June 11, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Dear Mr. Johnson:

I am enclosing an application for exploration assistance by Mr. Percy S. Dodge, 112 East Broadway Street, Butte, Montana, for the exploration of the McNary mine in Jefferson County, Montana. One copy has been retained for our files.

We have no information on this particular property. However, a USGS crew will be working in the area this summer and will examine the property during the latter part of June or the first part of July. Please note that the applicant has submitted only one copy of MF-203. He also submitted only one copy of his sketch for Exhibit A. However, by touching up his sketch we were able to make ozalid prints, which are attached.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures
cc: USBM

MF-103
Revised April 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 17 1952

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 11 1952
U. S. G. S.
SPOKANE, WASH.

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

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. DMEA-2583
Metal or Mineral
Date Received 6-16-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Percy S. Dodge ~~and William Mulcahy~~

112½ East Broadway Street, Butte, Montana

(*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 Two full mining claims held by location - The McNary Claim and Cline Claim recorded at Boulder, Jefferson County, Montana, Book 45, Page 582 and Page 583.

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise 1/2 owner and have subordination papers other 1/2 interest.

(*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 None.

(*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 wish to explore Lead, Zinc

(*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 weather permitting 30 / days and be completed within 9 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 June 10, 1952

Percy S. Dodge
(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

4. Physical description.

(a) There is a caved tunnel about 250 ft. and a caved raise to the surface. The mine has been inactive since 1934. Assessment work only.

(b) Lot No. 1245 to A.S. & R. at East Helena, Montana. Dated August 10, 1934. About 2½ tons crude ore. Slemter Assay as follows: Lead 11.6 - Silver 7.3 - Zinc 8.8.
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Some of the ore is on the dump.

(c) Granite formation - Vertical vein, strike East and West.
I believe by driving a crosscut to the vein and drift 100 ft. on the vein it will open a large body of shipping and milling lead zinc ore.
See enclosed sketch.

(d) Road to Mine - 20 miles to smelter - 20 miles to supply point.

(e) Ample manpower - timber and water for mining and milling.
Material, supplies, equipment, available.

5. The exploration project.

(a) Lead, Zinc

(b) Drive crosscut to vein approximately 100 ft. Drift 100 ft. drive small raise to surface approximately 80 ft.
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(d) 44 years experience, mining, leasing and contracting.

6. Estimated Cost.

Driving crosscut including all costs - $20.00 per ft.

100 feet	$ 2,000.00
Drifting on vein $20.00 per ft. 100 ft.	$ 2,000.00
Driving raise $20.00 per foot - 80 feet	$ 1,600.00
Total Cost - - - - - -	$ 5,600.00

These costs are subject to slight alterations by Examining Engineers.
(a) None
(b) None
(c) All covdred in $20.00 per foot price.
(d) Do.
(e) Do.
(f) Do.
(g) Do.
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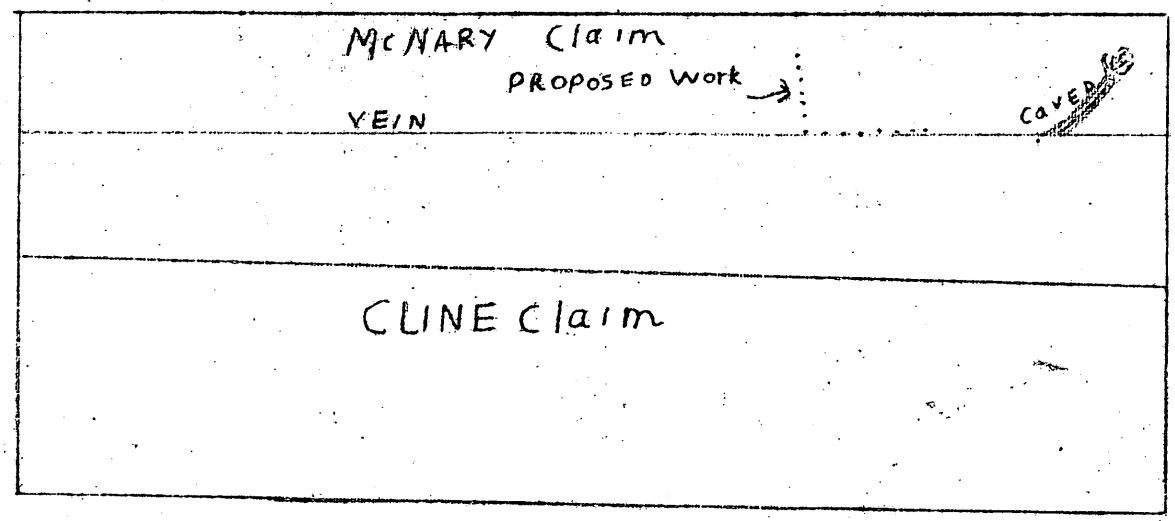
7. (a) Yes

(b) Have cash and collateral.

N



SKETCH of Claims 7 Miles EAST of ALHAMBRA
Hot SPRINGS JEFFERSON Co MONT

Percy L Dodge

BUTTE, MONTANA

MF-103
(Revised April 1952)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 17 1952

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
JUN 11 1952
U. S. G. S.
SPOKANE

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

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. DMEA-2583
Metal or Mineral
Date Received 6-16-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address:

Percy S. Dodge ~~and William Mulcahy~~

112½ East Broadway Street, Butte, Montana

(*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.

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Explain in detail on acompanying paper.

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Dated June 10, 1952

Percy S. Dodge
(Applicant)

By

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

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(a) None
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(d) Do.
(e) Do.
(f) Do.
(g) Do.
(h) Do.

7. (a) Yes

(b) Have cash and collateral.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 17 1952

DMA-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Montana, County of Jefferson, described as follows:1/

Two full mining claims held by location, the McNary and Cline Claims recorded at Boulder, Jefferson County, Montana, in Book 45, Page 582 andpage 583.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Percy S. Dodge

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ 2,800.00, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 10th day of June, 1952.

William Mulcahy [Seal]

[Seal]

[Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

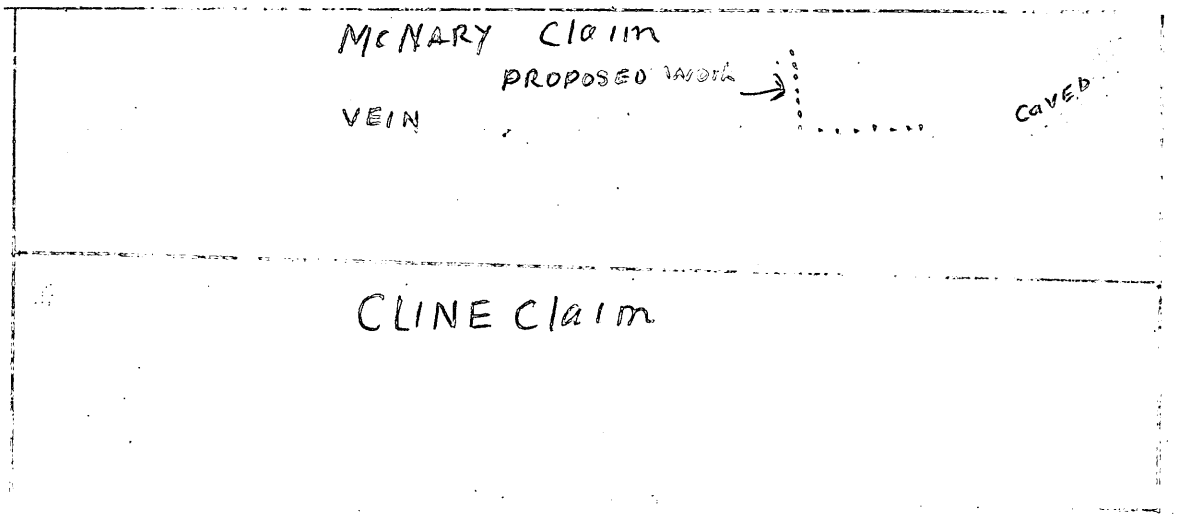
(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

N



SKETCH of Claims 7 Miles EAST of ALHAMBRA
Hot SPRINGS JEFFERSON Co MONT

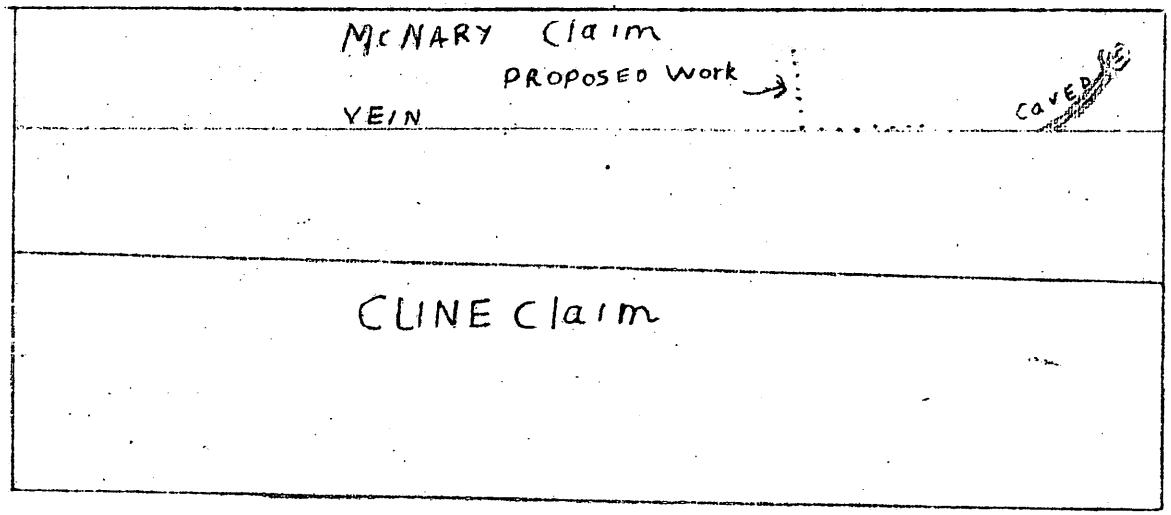
Percy L Dodge

BUTTE, MONTANA

Hot Springs Jefferson Co Mont

SKETCH of Claims 2 miles East of Alhambra

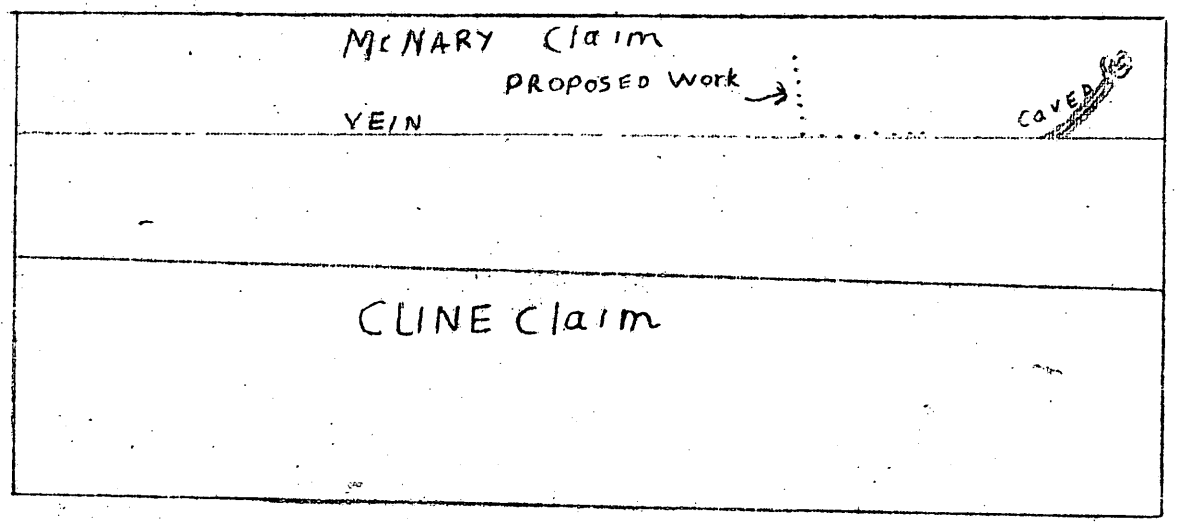
N



SKETCH of Claims 7 Miles EAST of ALHAMBRA
Hot SPRINGS JEFFERSON Co MONT

Percy L. Dodge

BUTTE, MONTANA



SKETCH of Claims 7 Miles EAST of ALHAMBRA
Hot SPRINGS JEFFERSON Co MONT

Percy L Dodge

BUTTE, MONTANA

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

S. 157 HOWARD ST.
Spokane 8, Wash.

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(PMGC)

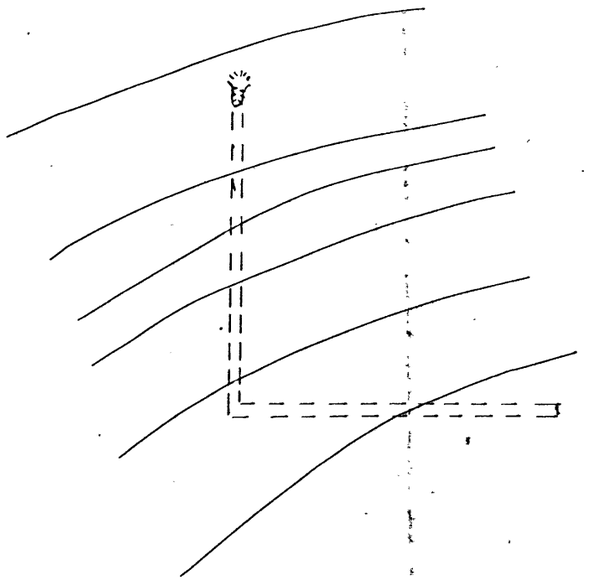
SPOKANE
JUN 13
830PM
1952
WASH.

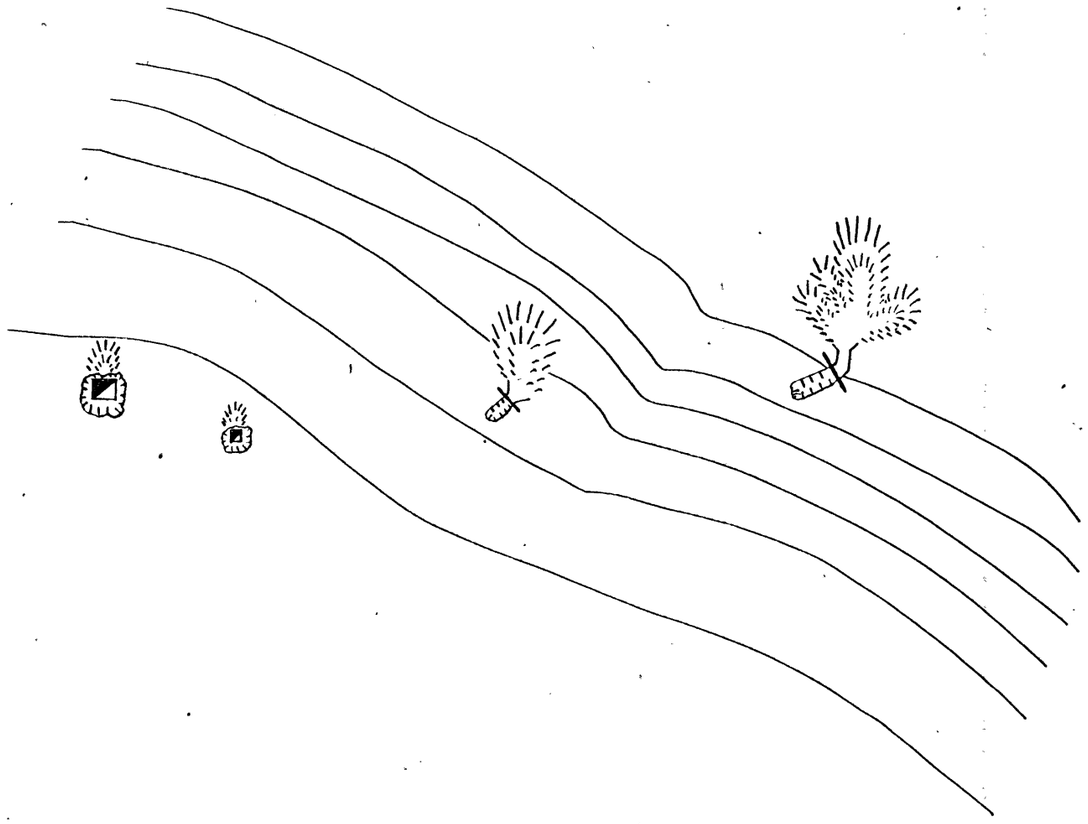
2

MR. FRANK E. JOHNSON
CHAIRMAN, OPERATING COMMITTEE
DEFENSE MINERALS EXPLORATION ADMINISTRATION
DEPARTMENT OF THE INTERIOR
WASHINGTON 25, D. C.

U S Geological Survey

DMEA-2583





Map of

Workings on the McNary Claim,
Jefferson County, Montana
by
George B. Becraft

Scale 1" = 50'

Contour Interval 20 ft.

Contour lines sketched, not accurate

N

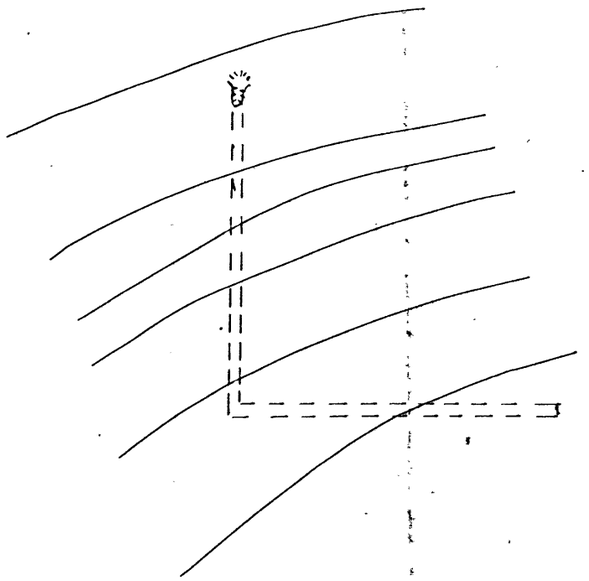
Caved adit

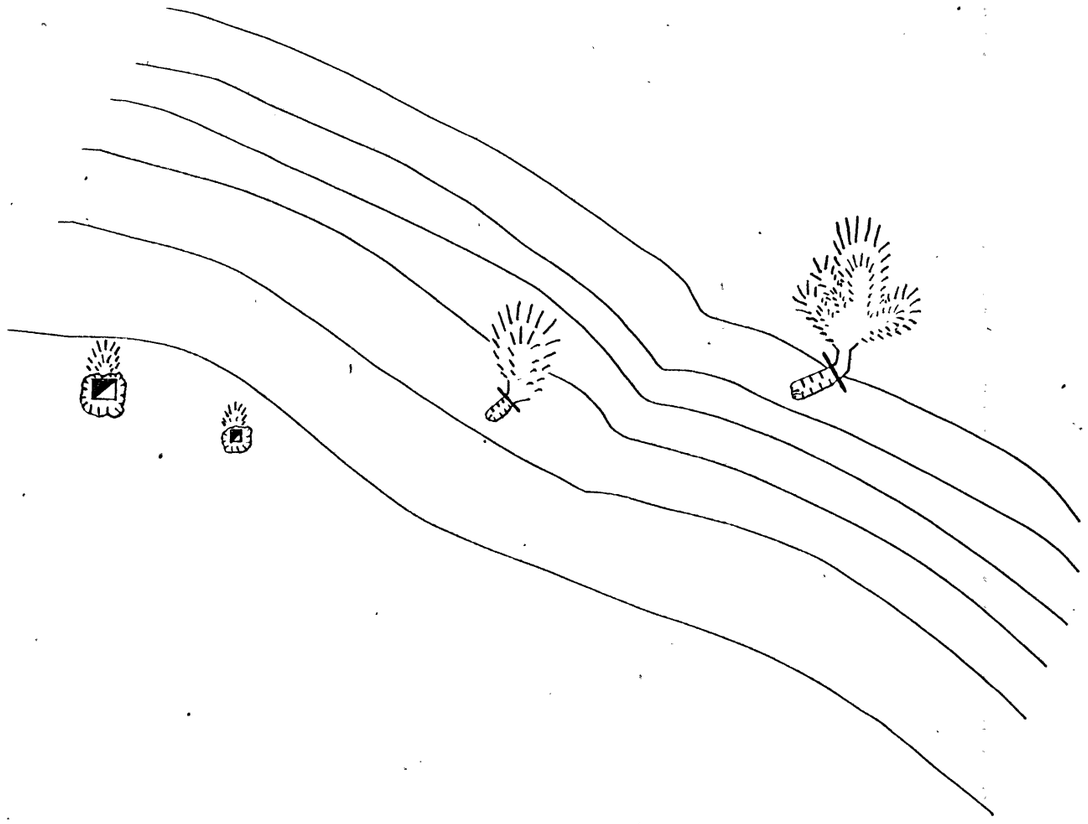
Caved shaft

Proposed work
(approximately located)

U S Geological Survey

DMEA-2583





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