DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1893X

To: Reports and Records Branch

From: Copper Branch, Supply Division

Date: 9/19/51

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

Forwarded to Field Team Region II (thru Coordinating Committee)

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1893X

DO NOT DETACH THIS SLIP

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

This document has been recorded as

An Exploration

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

Routing Slip

To:	Mr. Gower	Date	7/31/51
To:	Rec "	Date	8/2/51
To:	Coordinating Committee	Date	9/19/51
To:	R & R	Date	9/26/51
To:		Date	
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

A. A.

FILE COPY
SURNAME:

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

McKeller
Ellis
Johnson
Nelson
Hedges
Thayer

JAN 31 1952

Mr. J. C. Hatch
Box 112
Oxford, Idaho

Re: DM-1 93 (Copper)
Hatch Prospect
Franklin and Bannock
Counties, Idaho

Dear Mr. Hatch:

The Defense Minerals Exploration Administration has received and studied carefully all available information concerning the subject application.

We regret to advise you that this Department cannot recommend the approval of your application. In our judgement the local geological conditions are such that the expenditure of public funds is not justified in this proposed exploration project.

We wish to thank you for bringing this property to the attention of the Government.

Sincerely yours,

C. O. Mittendorf (fw)

Acting Administrator
Defense Minerals Exploration
Administration

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

McKeller/jem 1-25-52
cc to: Adm. Reading File
Docket
1-31 J.D.
Messrs. Johnson, CH Rm. 3621
Nelson, Ned Rm. 4216 C.S.
Ellis
Keller
Field Team, Reg. II (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

1201 N. Division St.
Spokane 2, Wash.
January 11, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington 25, D. C.

From: Field Team, Region II

Subject: Hatch Prospect, Bannock and Franklin Counties, Idaho
Docket DMA 1893X
Commodity: Copper

The Field Team fully supports the examining engineer's recommendation that the applicant's request for exploration assistance on the subject prospect be denied.

Sparse sulfide metallization is sporadically distributed over a comparatively widespread area. This metallization apparently is confined to a series of nonpersistent small fractures cutting the enclosing thin-bedded shales on dip.

The existence of the structure to be explored is predicated entirely on a line of barren quartz float. A caved prospect pit 500 feet from the float train is assumed by the applicant to have probed the target structure. A selected dump sample from this early prospect opening was determined to be discouragingly low in metal content.

The Field Team considers that the proposed exploration project presents little or no chance of adding to the nation's reserve of minable copper ore.

The following supporting data are enclosed for review:

Memorandum report by T. E. Howard (4 copies)
Docket material consisting of Form MF-103 (1 copy) with applicant's letter attached, and appended review of application

By Field Team, Region II

A. E. Weissenborn

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

M. E. Volin

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

Reviewed by
DMEA OPERATING COMMITTEE
1-23-52
(date) HB

Enclosures

cc: USGS, Spokane

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1201 North Division Street,
Spokane 2, Washington
December 14, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1952

Memorandum

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

From: T. E. Howard

Subject: Hatch Prospect, Bannock and Franklin Counties, Idaho.
DMA Docket 1893X
Commodity: Copper

RECOMMENDATIONS

It is recommended that the application of D. G. Hatch, Oxford, Idaho, for exploration aid be denied.

APPLICANT

The applicant is a partnership of D. G. Hatch and Ray Hatch, brothers, both of Oxford, Idaho.

LOCATION

The property consists of six unpatented claims, the Landslide No. 1, and 2, and Gooseberry No. 1, 2, 3 and 4, in T. 13 S., R. 37 & 38 E., B.M., in Franklin and Bannock counties, Idaho. The proposed exploration would be confined to the Gooseberry No. 4 claim in Franklin county.

OWNERSHIP

The claims were located by the applicant in 1945 and 1946.

HISTORY AND PAST PRODUCTION

There has been no production from the property. Furthermore, the area to date has remained devoid of productive mining operations.

DESCRIPTION OF PROPOSAL

The applicant proposes to extend the present 38 foot adit, 60 to 70 feet to intersect an assumed vein, the presence of which is indicated only by barren quartz float.

TECHNICAL FEASIBILITY

Geologic Setting

The property is on the eastern flank of the Bannock range in an area of thin-bedded green shales striking N. 10°- 30° W. and dipping 30° - 40° E. No intrusives were observed in this area.

Sparse metallic sulfides and oxides are exposed by shallow cuts and pits over an area about 600 feet wide and 2,000 feet long. This metalization is confined to fractures trending in strike with, but dipping across, the bedding at angles ranging from 20° to 56° W. The fractures are quartz filled for the most part, although some contain abundant calcite. The metallic minerals consist principally of occasional thin seams of pyrite, chalcopyrite and oxides of iron and copper within the quartz gangue. The applicant exhibited specimens containing bornite which were claimed to have originated on the property. However, none was observed in place. Recognizable cobalt or tungsten minerals were not seen during the examination.

The strongest structure observed on the property is exposed in two cuts about 100 feet apart horizontally and 50 feet vertically near the center of the property. The fracture, striking N. 10° W. and dipping 70° W., contains 3 feet of calcite and quartz which has been partly leached leaving limonite, scant malachite, and chrysocolla. Residual sulfides remain near the walls. Another similar parallel structure about 2 feet wide is exposed in a shallow cut about 50 feet west.

The proposed crosscut would explore what is assumed to be a parallel structure about 300 feet east of these exposures. Although abundant barren quartz float can be found on top of the ridge at the structure's presumed location, it has been nowhere exposed. The applicants believe this float may indicate the extension of a vein formerly exposed in a prospect pit about 500 feet north of the adit. This pit now is caved and the structure explored is completely obscured. According to the applicants, however, the pit was sunk on a similar north-trending fracture. Samples taken from the prospect pit were stated to have contained as much as 30 percent copper. Quartz in the dump showed some copper stain. A dump sample selected to contain the richest ore assayed as follows:

Cu	0.40%
Co	0.01
WO_3	0.02

Numerous narrow, irregular, quartz stringers are exposed in the face of the cliff above the adit portal. These stringers dip flatly to the west across the bedding and are sporadically and weakly mineralized with limonite, specularite, and copper oxides.

Weakly mineralized quartz veins are further exposed in shallow pits and cuts over an area extending 1,500 feet northward from the adit.

Mine Workings

Mine workings on the property consist of one adit 38 feet long and a number of shallow prospect pits and cuts.

Reserves

The property contains no measurable ore reserve.

Mining Method

The present slight development of the mineralized zones does not provide adequate information to permit a discussion of mining methods.

Milling Methods

The applicant's present plans are based entirely on the extraction of shipping ore.

Time Schedule to Attain Objectives

The applicant estimates that the proposed access road and 70 feet of crosscutting can be completed within 2 operating months.

Marketing Facilities

Direct shipping ore presumably could be marketed at one of the smelters in the Salt Lake valley.

EQUIPMENT AND FACILITIES

Installed

There are no facilities or equipment presently installed on the property.

Required

The following equipment, required for the project, could be rented:

Item	Monthly rental
1 - 105 C F M air compressor	$164.00
1 - Drifter, column and bar	85.00
1 - set air hoses	12.00
1 - set steel	6.00
1 - Water Tank	5.00
1 - Wheelbarrow	5.00
Total	$277.00

1 - Bulldozer (to build access road) $12.00 per hour

LABOR SUPPLY

As there are no operating mines in the district experienced miners would not be immediately available. The applicant believes that labor adequate for the project can be obtained by offering a wage rate of $12.00 per shift.

POWER

Electric power is not available on the property.

TRANSPORTATION

Access is from Oxford, Idaho, a station on the Union Pacific railroad, over 3-1/2 miles of country and Forest Service road. Oxford is 128 miles from Salt Lake City and 63 miles from Pocatello, Idaho. Supplies could be purchased in Pocatello, but mining equipment could be more easily rented in Salt Lake City.

ADEQUACY OF REQUESTED FUNDS

Funds requested should be adequate if the equipment is rented rather than purchased as shown by the following cost estimate:

1/2 mile access road (40 hrs. bulldozer rental @ $12.00)	$ 480.00
70' Crosscut @ $28.00 per foot	1,960.00
2 Mo. equipment rental @ $277.00 per month	554.00
Transportation, sampling, assaying and miscellaneous supplies	300.00
	$3,294.00

COMPETENCE OF APPLICANT

The applicants are not considered competent to conduct the proposed project. Their experience has been largely in farming, although one currently is employed as a laborer by the Union Pacific railroad. Their mining experience has been limited to sporadic prospecting ventures in the vicinity of Oxford during the past ten years.

DISCUSSION OF PROPOSAL

Mineralization exposed on the property is weak and there is little evidence to support the belief that the vein which is the target of the proposed crosscut extension actually exists. Therefore, the proposed exploration project is not considered feasible.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 8 1952

1201 N. Division St.
Spokane 2, Wash.
January 11, 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington 25, D. C.

From: Field Team, Region II

Subject: Hatch Prospect, Bannock and Franklin Counties, Idaho
Docket DMA 1093X
Commodity: Copper

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By Field Team, Region II

Received by
DMEA OPERATING COMMITTEE
1-23-52
HB

A. K. Weissenborn, Exec. Officer
(U. S. Geological Survey)

Enclosures

cc: USGS, Spokane

K. E. Velin, Member
(U. S. Bureau of Mines)

1201 North Division Street,
Spokane 2, Washington
December 14, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 1 1952

andum

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

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1952

1201 N. Division St.
Spokane 2, Wash.
January 11, 1952

MEMORANDUM

To: Chairman, Operating Committee, DMEA, Washington 25, D. C.

From: Field Team, Region II

Subject: Hatch Prospect, Bannock and Franklin Counties, Idaho
Docket DMA 1093X
Commodity: Copper

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By Field Team, Region II

Reviewed by
DMEA OPERATING COMMITTEE

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

Enclosures

cc: USGS, Spokane

H. H. Volin, Member
(U. S. Bureau of Mines)

SEP 26 1951

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

1893X

Copper

Mr. D.G.Hatch, Box 112, Oxford, Idaho

Tom Lyon

Lowell B. Moon

T. P. Thayer

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 18 1952

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1893X

Commodity COPPER-COBALT, TUNGSTEN

Total Amount $3660.00

Govt. Participation $3284.00

1. Name and Address of Applicant D. GRAND RAY HATCH
BOX 112 OXFORD IDAHO

2. Location of Property SEC 19 T13S R38E - 3 MILES WEST OF
OXFORD, IDAHO
BANNOCK COUNTY

3. Mineral or metal COPPER COBALT TUNGSTEN Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

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

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

a) Good _____

b) Poor _____

c) None _____

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project? _____
(If so, attach an explanation)

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

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

Does the lease have sufficient time to run to cover a future

productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

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

a) Available manpower YES

b) Equipment and supplies TO BE PURCHASED
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* FAIR

d) Water (question 13)* YES

e) Power (question 13)* YES

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Does not give references

Is a field check needed on this point? YES

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

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

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Will but bendering Jacoma road.

If not, what part of it is? Same

Is this part a worthwhile exploration project? YES

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? YES

f) Should more information be requested from applicant? YES MAP Better description of project

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

11. Exhibit B (question 23-d)*

a) Is it applicable? No

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

c) Is a field check needed? No

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

a) Is it applicable? e is applicable f & g not

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? YES

d) Is a field check needed? No

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

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? YES ?

c) Is the schedule excessive for the work proposed? Might be a little

d) Are the proposed wages and salaries reasonable? YES

e) Is a field check needed? No

DAA - 1893X

EXHIBIT A

21. The applicant proposes to extend tunnel 60.00 70 feet - 60 days.

LABOR	$1200.00
EQUIPMENT	2000.00
SUPPLIES	60.00
ROAD BUILDING	400.00
	$3660.00

23 d. NOT APPLICABLE

e. COMPRESSOR & JACK HAMMER	$2000.00
f. NOT APPLICABLE	
g. NOT APPLICABLE	
h. SUPPLIES	60.00
a. 2 MINERS @ $10/DAY EACH	1200.00
b NOT APPLICABLE	
C. NO APPLICABLE	

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? YES

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check the geology to see what sol dominant mineral is and whether there is possibility for 90% Government participation. Check feasibility of project. If dominant ore is tungsten or copper, is applicant able to meet his share of the total cost?

Reviewed by: R W Waugh
D R Mathews
C H Johns
J B Brown

Date 9/18/57

INT.-DUP. SEC., WASH., D.C. 99009

we have other places we should like to work on

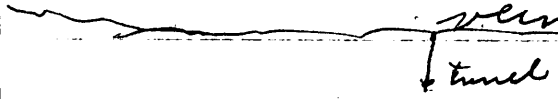
Yours Truly
D. G. Hatch

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1951
LAURA F. PRESSEL
Executive Secretary

Orford Ida

July 21 - 1951

Gentelmen, I am sending this letter with application for aid for an exploration project, with refrance to question 22, what we want to do is finish a tunnel we have all ready started some 40 feet it probly will take some 60 or 70 feet to cut the vein of ore which is 15 to 30 feet on top & according to best information we can get should be farely good when cut at depth of 70 feet the cut below will show about what we want to do



as for the compression, should the above venture faid

over

Form MF-103
(Apr. 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1893X

Date received 7/31/51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

D. G. HATCH + RAY HATCH
Oxford Idaho
Box 112

Date July 21 - 1951

FILL IN THIS BLOCK

Date of application July 21 - 1951 Estimated cost 3660

Mineral or metal copper cobolt tungsten Percentage of Government participation 90%

Location of mine 3 miles west of Bannock County
Oxford Idaho

Date of filing MF-100 DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership
*2. If a partnership, state names and addresses of partners. same as above
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. ✓
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. about 12 years
*5. Are you the owner or the lessee of the property? owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none
7. If lessee, attach a copy of the lease and state if it is in good standing. none

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. no profit no liabilities
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? yes

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. a small compressor + a few tools Federal land

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

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area. ~~mine~~ not surveyed

*11. State the present and former names of the property, if any. ⊞ sec 19 T13S 38E B. M.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 3 miles west of Ford roads mostly fair

*13. State source and quantity of water available for operations and its sufficiency at all seasons. good spring o
State amount of power to be used, rate per hour or other cost, and source. gas engine

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. a few hand tools.

15. State in detail how the ore could be shipped and how and where milled. by truck or rail about 5 miles from rail road milled Salt Lake City ut

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. not enough fund or time

(*b*) State briefly the known history and production of adjoining and neighboring properties. none

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. The formation is considered good

*17. Production: none

(*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? as stated on reverse side

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. attempt tunnel 60 or 120 to find lead about 40 days

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. two miners estimated $8 per day

(*b*) Supervisors, by numbers and positions, with salaries of each. none

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. none

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. a small compressor + jack hammer $2000

(*f*) Cost of rental for equipment which the operator proposes to rent. none

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. 60

(*i*) Cost of power, water, utilities, and any other items not provided for above. none

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. it will take about 40 days if the weather is good some $400 will need to be spent on road or a total of 3640

CERTIFICATION

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

(Name of company) By D. G. Hatch (Signature of authorized official)

(Date) (Title)

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

*Same as footnote on page 1.

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

SEP 26 1951

Mr. D. G. Hatch
Box 112
Oxford, Idaho

Re: Docket No. DMA-1893 X

Dear Mr. Hatch:

This is to inform you that your application for an exploration project has been referred to the field team for further study. You will hear from Mr. A. E. Weissenborn, Executive Officer, DMA Field Team Region II, South 157 Howard Street, Spokane 8, Washington, or one of his staff when they are ready to visit your property.

Very truly yours,

SIGNED

Tom Lyon, Director
Supply Division

RVWaugh:ex
9/19/51
Copy to: Adm. Reading File
Executive Officer, DMA Field Team II
Coordinating Committee
Mr Gowen
Mr. MacLaren
Files- DMA Docket

310 FILE COPY
SURNAME:

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

Gowen
MacLaren
Thayer

SEP 26 1951 a. E. C.

Mr. L. O. Hatch
Box 112
Oxford, Idaho

Re: Docket No. [illegible]-1891X

Dear Mr. Hatch:

This is to inform you that your application for an exploration project has been referred to the field team for further study. You will hear from Mr. A. F. Weissenborn, Executive Officer, DMA Field Team Region II, South 157 Howard Street, Spokane 8, Washington, or one of his staff when they are ready to visit your property.

Very truly yours,

SIGNED S.F. 9.26

Tom Lyon, Director
Supply Division

RV:aughtrex
9/19/51
Copy to: Adm. Reading File
Executive Officer, DMA Field Team II
Coordinating Committee
Mr Gowen
Mr. MacLaren
Miles- DMA Docket

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

SEP 26 1951

1893X

Copper

Mr. D.G.Hatch, Box 112, Oxford, Idaho

Files

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

Mr. A. B. Weissenborn
Executive Officer, DMA Field Team II
South 157 Street
Spokane 8, Washington

Dear Sir:

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

Docket No. 1893X

Commodity Copper

Applicant Mr. D.G.Hatch, Box 112, Oxford, Idaho

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

Very truly yours,

Chairman
Coordinating Committee

For the Bureau of Mines

For the Geological Survey

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 1893X

Commodity COPPER-COBALT TUNGSTEN

Total Amount $3660.00

Govt. Participation $3284.00

1. Name and Address of Applicant D. GRAND RAY HATCH
OXFORD IDAHO

2. Location of Property SEC 19 T13S R38 E 3 MILES WEST OF
OXFORD, IDAHO
BANNOCK COUNTY

3. Mineral or metal COPPER COBALT TUNGSTEN Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

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

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

Does the lease have sufficient time to run to cover a future

productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

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

a) Available manpower YES

b) Equipment and supplies TO BE PURCHASED
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* FAIR

d) Water (question 13)* YES

e) Power (question 13)* YES

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

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Does not give experience

Is a field check needed on this point? YES

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? YES If so, attach a draft.

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

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? ~~YES~~ all but building of access road

If not, what part of it is? same

Is this part a worthwhile exploration project? YES

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? YES If so, attach a draft.

e) Are the cost estimates reasonable? YES

f) Should more information be requested from applicant? YES MAP Better description of project

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

11. Exhibit B (question 23-d)*

a) Is it applicable? No

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

c) Is a field check needed? No

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

a) Is it applicable? e is applicable f+g not

b) Sufficient data? YES If so, attach a draft.

c) Are rents and charges reasonable? YES

d) Is a field check needed? No

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

a) Are there sufficient data? YES

b) Is the schedule adequate for the work proposed? YES

c) Is the schedule excessive for the work proposed? Might be a little

d) Are the proposed wages and salaries reasonable? YES

e) Is a field check needed? No

DMA - 1893X

EXHIBIT A

21 The applicant proposes to extend tunnel 60 or 70 feet - 60 days

LABOR	$1200.00
EQUIPMENT	2000.00
SUPPLIES	60.00
ROAD BUILDING	400.00
	$3660.00

23 d. NOT APPLICABLE

e. COMPRESSOR + JACK HAMMER $2000.00

f. NOT APPLICABLE

g. NOT APPLICABLE

h. SUPPLIES 60.00

a. 2 MINERS @ $10/DAY EACH 1200.00

b. NOT APPLICABLE

C. NOT APPLICABLE

14. Exhibit E (question 23-c)*

a) Is it applicable? No

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? YES

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? Check the geology to see ~~[illegible]~~ what the dominant mineral is and whether there is justification for 90% Government participation. Check feasibility of project. If dominant ore is tungsten or copper, is applicant able to meet his share of the total cost?

Reviewed by: R Warch

L P Masharen

C A Johnson

Date 8/18/57

INT.-DUP. SEC., WASH., D.C. 99009

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. [illegible]

Commodity Copper + Tungsten

Total Amount $660.00

Govt. Participation $[illegible]

1. Name and Address of Applicant D. Grand Ray Hatch
Oxford Idaho

2. Location of Property Sec [illegible] T15S R38E Small West of
Oxford, Idaho
Bannock County

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

If not, application will be rejected.

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

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

a) Good

b) Poor

c) None

d) Don't know—needs field examination ✓

e) Is there an alternative and favorable project?
(If so, attach an explanation)

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

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

Does the lease have sufficient time to run to cover a future

productive period? —

*question numbers are those of MF-103

7. Are subordination agreements necessary? No

a) MF-201? —

b) MF-202 —

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

a) Available manpower [illegible]

b) Equipment and supplies [illegible]
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* [illegible]

d) Water (question 13)* [illegible]

e) Power (question 13)* [illegible]

Is a field check needed on any of these points? [illegible]

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* [illegible]

Is a field check needed on this point? [illegible]

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

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? Yes If so, attach a draft.

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

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? All but [illegible] Recommend.

If not, what part of it is? Same.

Is this part a worthwhile exploration project? Yes

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? Yes MAP [illegible]

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

11. Exhibit B (question 23-d)*

a) Is it applicable? No

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

c) Is a field check needed? No

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

a) Is it applicable? [illegible]

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? No

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

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? Might be a little

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No

DMA - 1893X

EXHIBIT A

21 The applicant proposes to extend tunnel 60 or 70 feet - 10 days.

LABOR	$1700.00
EQUIPMENT	2000.00
SUPPLIES	60.00
ROAD BUILDING	400.00
	$3660.00

23 d. NOT APPLICABLE

e. COMPRESSOR & JACK HAMMER $2000.00

f. NOT APPLICABLE

g. NOT APPLICABLE

h. SUPPLIES 60.00

a. 2 MINERS @ $10/DAY EACH 1700.00

B NOT APPLICABLE

C. NOT APPLICABLE

14. Exhibit E (question 23-c)*

a) Is it applicable? N

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? N

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

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

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question? [illegible] of dominant ore is Tungsten or copper, is applicant able to meet his share of the total cost?

Reviewed by: [illegible]

G H Washburn

C H Johnson

Date 7/18/57

INT.-DUP. SEC., WASH., D.C. 99009

FILE COPY
SURNAME:

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

210

August 1, 1951

Mr. D. G. Hatch
Box 112
Oxford, Idaho

Subject: DMA-1893
Re: Exploration Loan

My dear Mr. Hatch:

Receipt is acknowledged of your application and attachments of July 21, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1893 and referred to Mr. J. B. Gowen, Chief, Copper Branch on July 31, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1893.

Sincerely yours,

ROBERT E. ADAMS
8/1

Robert E. Adams
Chief, Reports & Records Unit

R. E. Adams:jc
cc: Adams
✓ File
Gowen
Lyon

August 1, 1951

Mr. D. G. Hatch
Box 112
Oxford, Idaho

Subject: DMA-1893
Re: Exploration Loan

My dear Mr. Hatch:

Receipt is acknowledged of your application and attachments of July 21, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1893 and referred to Mr. J. B. Gowen, Chief, Copper Branch on July 31, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1893.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Reports & Records Unit

R. E. Adams:jc
cc: Adams
File
Gowen
Lyon

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

July 5, 1951

Mr. D. C. Hatch

Oxford, Idaho

Dear Mr. Hatch:

This is a belated reply to your letter of February 6.

The only way that Government funds can be used in developing prospects is through an exploration program. This would be on a participating basis, the Government putting up 75% and the applicant 25% of the funds necessary to do the work. In case you are interested, we are enclosing the necessary forms. In order that your application receive consideration, it is necessary that all the questions be fully answered.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Manganese Branch

Enclosures
MO-5
MF-103

GBHolderer:dgs

CC: Adm. Reading File
Mr. Strobel
Mr. Holderer
Files

MAR 2 1951

February 27, 1951

Mr. D. G. Hatch
Box 112
Oxford, Idaho

Dear Mr. Hatch:

Your letter of February 6, 1951, addressed to the Bureau of Mines and Geology has been referred to me for attention.

I am enclosing herewith a copy of two press releases which outline the type of assistance available under the terms of the Defense Production Act. Your attention is directed to the final paragraph of the release dated December 5th, which outlines the factual information we must have before any application for assistance can be considered.

We can assure you that any communication which you may forward giving us this information will be given every consideration.

Very truly yours,

/s/ Mes. B. Holdeman

for I. R. Bradley, Chief
Manganese-Tungsten-Chrome Branch

Enclosure

GMalcolm:jkd
cc - Mr. Lyon
Mr. Malcolm
Adm.'s Reading File
Mr. Strobel
Files
Regional Field Team

Enfield estate

Lucas & Barnett Forge
Lexington S. C.

Gentlemen

When in Columbia I learned there is considerable lead & various metals of which I am [illegible] some good prospects but no funds to develope them, do you know any way we might get funds [illegible] or some we have good surface showing of [illegible], on other we have good showing of copper & lead & some of the metals would be useful to a manufacturer you can give

Yours Respfy,
E. G. Hatch

2/17/51
~~Richardson~~
~~Bradley~~
~~[illegible]~~

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1898 X

Date received 7/31/51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1951
LANDON F. STROBEL
Executive Secretary

D. G. Hatch & Ray Hatch
Offord Ida

Name and address of applicant

Date July 21-1951

FILL IN THIS BLOCK

Date of application July 21 - 1951

Estimated cost $3640.00

Mineral or metal Copper Cobolt tungsten also a little gold & silver

Percentage of Government participation

Location of mine 3 miles west Offord

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners. same as above

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. about ten years

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none

7. If lessee, attach a copy of the lease and state if it is in good standing. none

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. all losses so far

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? yes

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. a small compressor & a few tools Federal Land

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

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

*11. State the present and former names of the property, if any. sec 19 T13 S R38 E. B.M.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 8 miles west of Oxford roads mainly fair

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source. good spring gas engine

*14. Describe any existing useable facilities, equipment, buildings, or structures now on the property that will be devoted to the exploration work. a few hand tools

15. State in detail how the ore could be shipped and how and where milled. by truck or rail about 5 miles from R.R. milled Salt Lake City Ut

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. not enough funds or time

(*b*) State briefly the known history and production of adjoining and neighboring properties. none

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. No formation is completed good

*17. Production: none

(*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? same stated on reverse side

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. To extend tunnel 40 - or 70 feet time about 60 days

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. two miners estimated 10 per day, or $200

(*b*) Supervisors, by numbers and positions, with salaries of each. none

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. none

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. a small compressor & jack hammer $2000

(*f*) Cost of rental for equipment which the operator proposes to rent. none

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. 40

(*i*) Cost of power, water, utilities, and any other items not provided for above. none

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. it will take 60 days if the weather is good Some 400 will need to be spent on road or a total of 3600

CERTIFICATION

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

(Name of company) By (Signature of authorized official)

(Date) (Title)

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

*Same as footnote on page 1.

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

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma-1893X

Date received 7/31/51

Participation

D. G. Hatch & Ray Hatch
Offord, Idaho

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date July 21, 1951

FILL IN THIS BLOCK

Date of application July 21 1951

Estimated cost 3660.00

Mineral or metal copper cobalt tungsten also a little gold & silver

Percentage of Government participation 90%

Location of mine 3 mi west of Offord Idaho

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. about ten years

*5. Are you the owner or the lessee of the property? owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none

7. If lessee, attach a copy of the lease and state if it is in good standing. none

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. no profit no liabilities

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. a small compressor & a few tools & lead land see below

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

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

*11. State the present and former names of the property, if any. sec 19 T13 S. R 38, E. B M.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 3 miles west of Ford roads nearly fair

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source. good spring gas engine

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. a few hand tools

15. State in detail how the ore could be shipped and how and where milled. by truck on rail road about 5 miles from Can be milled in Salt Lake City Ut

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. no enough funds or time

(*b*) State briefly the known history and production of adjoining and neighboring properties. none

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. the formation is considered good

*17. Production:

(*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? same as stated

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. To sink new pressure side to keep tunnel dry about 40 days To extend tunnel 400 or

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 2 miners estimated $8.00 per day or $1200

(*b*) Supervisors, by numbers and positions, with salaries of each. none

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. none

(*e*) Cost of items of equipment not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. a small compressor & jack hammer $2000

(*f*) Cost of rental for equipment which the operator proposes to rent. none

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. $60

(*i*) Cost of power, water, utilities, and any other items not provided for above. none

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. it will take 60 days if the weather is good some $400 will need to be spent on road or a total of $3668

CERTIFICATION

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

(Name of company) By D. P. Hatch (Signature of authorized official)

(Date) (Title)

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

*Same as footnote on page 1.

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

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1893X

Date received 7/31/51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 31 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

D G Hatch + Ray Hatch
Oxford Idaho

Date July 21 1951

FILL IN THIS BLOCK

Date of application July 21 1951

Estimated cost 3460

Mineral or metal copper cobolt tungsten also some gold + silver

Percentage of Government participation 90%

Location of mine 3 miles west of Oxford Idaho

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? partnership

*2. If a partnership, state names and addresses of partners. D G Hatch + Ray Hatch Oxford Idaho

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. about ten years

*5. Are you the owner or the lessee of the property? owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. none

7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. no Profit no liabilities

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? yes

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. a small compressor, a few small tools. Federal land see below

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

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

*11. State the present and former names of the property, if any. Sec 19 T13S R38E. B.M.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. 3 miles west Offend roads mostly fair

*13. State source and quantity of water available for operations and its sufficiency at all seasons. good spring
State amount of power to be used, rate per hour or other cost, and source. gas engine for present

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. a few hand tools

15. State in detail how the ore could be shipped and how and where milled. by truck or rail about 3 miles from rail road milled at Salt Lake City mt

*16. History: ~~a few hand tools~~

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. not enough rail or time

(*b*) State briefly the known history and production of adjoining and neighboring properties. none

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. the formation is considered good

*17. Production:

(*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
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*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? same as stated on reverse side

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. to extend tunnel 40 or 70 feet time about 60 days

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. 2 miners estimated 10 per day or $1200

(*b*) Supervisors, by numbers and positions, with salaries of each. none

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. none

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. a small compressor & jack hammer $2000

(*f*) Cost of rental for equipment which the operator proposes to rent. none

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. 60

(*i*) Cost of power, water, utilities, and any other items not provided for above. none

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. It will take 60 days if the weather is good some 400, will need to be spent on road or a total of 3660 00

CERTIFICATION

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

(Name of company) By S. G. Hatch (Signature of authorized official)

(Date) (Title)

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

*Same as footnote on page 1.

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