310

FILE COPY
SURNAME:

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

RWaugh
Ellsworth
Lyon
Schroeder

SEP 4 1951

Memorandum

To: Commissioner, Bureau of Reclamation

From: Acting Administrator, Defense Minerals Administration

Subject: Dr. Ellsworth Carpenter, Commodity-Copper

At the suggestion of Mr. D. S. Mitchell of your office, I am attaching for your consideration an undated letter from Dr. Ellsworth Carpenter to Mr. Tom Lyon with attached map locating his property. Dr. Carpenter is requesting permission to explore on some land in El Dorado, California that has been withdrawn from public entry by the Bureau of Reclamation. Also attached is my answer to this letter.

Any action taken pertaining to this matter will be appreciated.

not stopped in R.&R.

W. C. SCHROEDER
Acting Administrator

Attachments

RVWaugh:rw
8-27-51

Copy to: Administrator's Reading File
Deputy Administrator's Reading File
Reports and Records Branch
Executive Officer, DMA Field Team III
Mr. Lyon
Copper Branch
Files - DMA Docket

Memorandum

To: Commissioner, Bureau of Reclamation

From: Acting Administrator, Defense Minerals Administration

Subject: Dr. Ellsworth Carpenter, Commodity-Copper

At the suggestion of Mr. D. S. Mitchell of your office, I am attaching for your consideration an undated letter from Dr. Ellsworth Carpenter to Mr. Tom Lyon with attached map locating his property. Dr. Carpenter is requesting permission to explore on some land in El Dorado, California that has been withdrawn from public entry by the Bureau of Reclamation. Also attached is my answer to this letter.

Any action taken pertaining to this matter will be appreciated.

Acting Administrator

Attachments

HWaugh:rw
8-27-51

Copy to: Administrator's Reading File
Deputy Administrator's Reading File
Reports and Records Branch
Executive Officer, DMA Field Team III
Mr. Lyon
Copper Branch
Files - DM Docket

FILE COPY
SURNAME:

Barr

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

370

AUG 9 1951

Q. E. C.

Dr. Ellsworth Carpenter
Vanna Vita-Min-Ites Company
742 So. Hill Street
Los Angeles 14, California

Dear Dr. Carpenter:

Subject: DMA-1580X, Sulfur

Referring to your letter of July 31, we are very sorry that M.O.-5 was not understood as meaning sulfur.

The intent is, as stated in M.O.-5, to include sulfur and not sulfides, such as iron sulfide, zinc sulfide, copper sulfide, for the sulfur content, which, of course, is not free sulfur.

Sincerely yours,

Tom Lyon

mt 8/9

Tom Lyon, Director
Supply Division

JABARR:mp
8/7/51

cc: Reports and Records
Mr. Lyon
Mr. Barr

MANNA VITA-MIN-ITES CO.

(NEW LIFE — NEW HOPE — NEW JOY)

742 SO. HILL STREET - SUITE 1119
LOS ANGELES 14, CALIF., U. S. A.
TELEPHONE VAndike 2573

Blue Cat Mine,
El Dorado,,,,Calif.

July 31 '51

Dear Mr. Tom Lyon:

THANK YOU for your second letter, in trying to succor me in the explaination WHY you won't help me with my SULPHUR.

On your MO-5 it reads SULPHUR. My assays read SULPHUR. It does not say what KIND of sulphur. It just says SULPHUR.

Your officers in their offices, representing your dept. ought to be INSTRUCTED, NOT to advise people to make out an application for help when there is no help on that mineral. I was advised to make my application,,,,that there IS a great NEED for this mineral because of the shortage of sulphuric acid.

Your representive in S.F. is a VERY FINE MAN. But he should be educated on sulphur,. Your paper, MO-5 should read, FREE-SULPHUR, so as to avoid a great deal of inconvenience on the part of us poor miners out here in the sticks fighting mosquitos, poison oak, snakes, devils in human form, for some of these wild neighbors out here in these wilds, are still un-civilized. You'd be surprised. One neighbor has the reputation of being a dagger man. He loves to yield it. During deer season, is the favorit time of year to get rid of your neighbors. So don't come to visit me that time of year. My business in L.A. has suffered,,,,needlessly,,,,because of being mis-informed. This shoud not be. Your office is to blame for this. And think of the many of others,,,,who no doubt have been inconvenienced,,,who would not have been, if you had inserted the little word, "FREE" sulphur. I really believe,,,,,,,Mr. Harry Truman, the President, is to blame for this.

Appreciatively yours,

Dr. Ellsworth Carpenter

Ellsworth Carpenter

When you are ready for NON-FREE-SULPHUR, as in PYRITES, please let me know,,,,and no doubt it won't be long. Remember now. LET ME KNOW.

My number is,,, DMA - 1580 X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 7 1951
LANDON F. STROBEL
Executive Secretary

Dr. Ellsworth Carpenter
~~Elder Gold Mine~~
El Dorado, California

Dear Dr. Carpenter:

This is to acknowledge your undated letter to Mr. Tom Lyon and which was referred to the Copper Branch, Defense Minerals Administration for reply.

We are referring your letter requesting permission to explore on withdrawn land to the Bureau of Reclamation for their consideration. You may expect to hear from them regarding this matter.

The Defense Minerals Administration is not authorized to do diamond drilling. Under the Defense Production Act of 1950, the DMA is authorized to extend assistance for the exploration and production of strategic minerals in the form of money only and does not actively participate in any project except for certain necessary computations. If you should wish Government assistance for diamond drilling, an application for exploration aid should be submitted to the Defense Minerals Administration on the necessary forms with a definite exploration project outlined. Assistance of this nature is granted on a matching fund basis; for copper it is 50%. Enclosed herewith are press releases dated April 11, 1951, and May 14, 1951, explaining this exploration program.

Should you wish to apply for exploration aid we will send you the necessary forms upon request.

Very truly yours,

J. R. Gomez, Chief
Copper Branch

Enclosures

RFBaugh:rw
8-27-51

Copy to: Administrator's Reading File
Reports and Records Branch
Bureau of Reclamation
Executive Officer, DMA Field Team III
Mr. Lyon
Copper Branch
Files - DMA Docket

FILE COPY
SURNAME:

Barr

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

[illegible] 1951

Code 370

[illegible]

Subject: [illegible]

Gentlemen, Respectfully:

[illegible]

Tom Lyon

[illegible]

Enclosure

[illegible]

cc: Reports and Records Unit
Mr. Lyon
Mr. Barr
DMA File

June 16, 1980

[illegible]

FILE COPY
SURNAME:

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

June 18, 1951

Mr. Ellsworth Carpenter
Blue Cat Mine
El Dorado, California

Subject: DMA-1580X
Re: Exploration Loan
Blue Cat Mine

My dear Mr. Carpenter:

Receipt is acknowledged of your application and attachments of May 31, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1580X and was referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1580X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
>Files
Barr
Lyon

DMA 1580

LANDON F. STROBEL

Mr. Barr

MANNA VITA-MIN-ITES CO.

Dma 1580X

DMA 1580X

(NEW LIFE — NEW HOPE — NEW JOY)

742 SO. HILL STREET - SUITE 1119
LOS ANGELES 14, CALIF., U. S. A.
TELEPHONE VAndike 2573

El Dorado,,,,Calif.

July 16 '51

DMA 9123-51

U.S. Dept. of the Interior
Defence Mineral s Administration
Washington 25, D.C.

DEPARTMENT
Defence Minerals
RECEIVED
JUL 1 8 1951
LANDON F. STROBEL
Executive Secretary

ATT: Mr. Tom Lyon

Dear Mr. Lyon:

Your letter of June 27th, received July 14th, has been received. Thank you for your letter.

The subject is, DMA-1580X; Pyrites.

There must be some mistake somewhere, as the subject should be SULFUR, not pyrites.

With each copy of the FOUR applications, I included a copy of a ~~SAY~~ ~~ASAY~~ ASSAY report, each giving SULFUR alalysis of 27.31 This is I think an average. I had another assay reporting 33.46. Both these samples were taken from off the dump.

I have been informed at your office in San Francisco, Cal. that there is a great need for this product, and that it IS LISTED among the minerals that include the 50% assistance.

Will you PLEASE reconsider my application. You write that you have very carefully studied my application. I doubt this very much, otherwise you would not have made the mistake you did.

My mine is a grass-roots mine, with croppings 4 X 8 feet, In the tunnel below, starting at 35 feet, for 100 feet, shows all ore. Sulphides that will assay 33.46% at the grass-roots, indicates much better ore down below. If there is a mine anywhere that offers better promise, they are very few. If you turn this brilliant prospect down, then your DMA proposition could not be sincere. Please reconsider my application.

Sincerely yours,

Ellsworth Carpenter, Ph.D.

Ellsworth Carpenter

PLEASE hasten reply. I have been living in my car for nearly two months waiting on you, and the mosquetoes are eating me up.

BUREAU OF MINES
WASHINGTON, D. C.
JUL 18 7 47 AM '51

310 FILE COPY
SURNAME:

RVWaugh

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

Dr. Ellsworth Carpenter
Blue Cat Mine
El Dorado, California

Dear Dr. Carpenter:

This is to acknowledge your undated letter to Mr. Tom Lyon and which was referred to the Copper Branch, Defense Minerals Administration for reply.

We are referring your letter requesting permission to explore on withdrawn land to the Bureau of Reclamation for their consideration. You may expect to hear from them regarding this matter.

The Defense Minerals Administration is not authorized to do diamond drilling. Under the Defense Production Act of 1950, the DMA is authorized to extend assistance for the exploration and production of strategic minerals in the form of money only and does not actively participate in any project except for certain necessary consultation. If you should wish Government assistance for diamond drilling, an application for exploration aid should be submitted to the Defense Minerals Administration on the necessary forms with a definite exploration project outlined. Assistance of this nature is granted on a matching fund basis; for copper it is 50%. Enclosed herewith are press releases dated April 11, 1951, and May 14, 1951, explaining this exploration program.

Should you wish to apply for exploration aid we will send you the necessary forms upon request.

Very truly yours,

J. B. Gowen

J. B. Gowen, Chief
Copper Branch

Enclosures

RVWaugh:rw
8-27-51

Copy to: Administrator's Reading File
Reports and Records Branch
Bureau of Reclamation
Executive Officer, DMA Field Team III
Mr. Lyon
Copper Branch
Files - DMA Docket

MANNA VITA-MIN-ITES CO.

Barr

(NEW LIFE — NEW HOP. NEW JOY)

742 SO. HILL STREET - SUITE 1119
LOS ANGELES 14, CALIF., U. S. A.
TELEPHONE VAndike 2573

Blue Cat Mine
El Dorado,,,,,Calif.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 21 1951

Mr. Tom Lyon
U.S. Dept. of Interior.(DMA)
Washington,,,D.C.

Dear Mr. Lyon: (Subject: DMA-1580X)

Another letter has been received from you THANK YOU.

I have another problem,,,,which maybe you can help me out with. It will do no harm in writing to you about it anyway.

In this, El Dorado County, there is a prospective Dam Site for a water reservoir, and parsels here and there have been "WITHDRAWN FROM PUBLIC ENTRA." They have been planning and talking about this reservior for some 30 years, and there does not seem to be any prospect of them doing anything about it, and some are saying, that it will never be.

In this territory, there is a copper vein running thru it. My Blue Cat Claim is on this vein, and it was located PRIOR the "Withdrawal" but, there are other GOOD prospects along this vein, that are good prospects,,,,in fact,,,,there is one,,,that is better than mine, and assays better than 4% copper. My Blue Cat assays .85% copper, but that is surface assay. It may get better down below.

Now,,,,the problem is,,,,and maybe you can help me out on this, is to get the U.S. Bureau of Reclaimation to "Lift the withdrawl" so I can locate claims along this vein, especilly where it assays 4% copper.

When visiting one of their offices, I was told, that ~~MA~~ DMA has priority over water,,,but in talking with other water officials, they shake their heads, as much as to say,,,NO. So, I'm at a loss to know where I am in this matter.

In June, I wrote two letters to the U.S. Bureau of Reclaimation about this matter, and asked for the "Lift" etc, but up to date I have received no answer.

Practically all of this vein is ABOVE the water level, when after the reservior is filled with water, even if they do go ahead and build the dam. Some of the "Withdraws" are above the water line, and much of the land that will be below water, has never been "withdrawn". So, the management of these withdrawals, is like a crazy quilt, the high spots have been withdrawn, while the low spots, are still open. (Ha).

Now, maybe you can help me to get a clearance so I can locate a few of these valuable copper claims.

Another question I may as well ask,,,,Do the DMA ever diamond drill a good psospective copper property, like my Blue Cat. At government expense?

THANK YOU for these helps. Very appreciatively yours,
Dr. Ellsworth Carpenter, Ph.D.

Please notify Carpenter

Mr. Lyon #2 Aug. 20 '51

P.S.

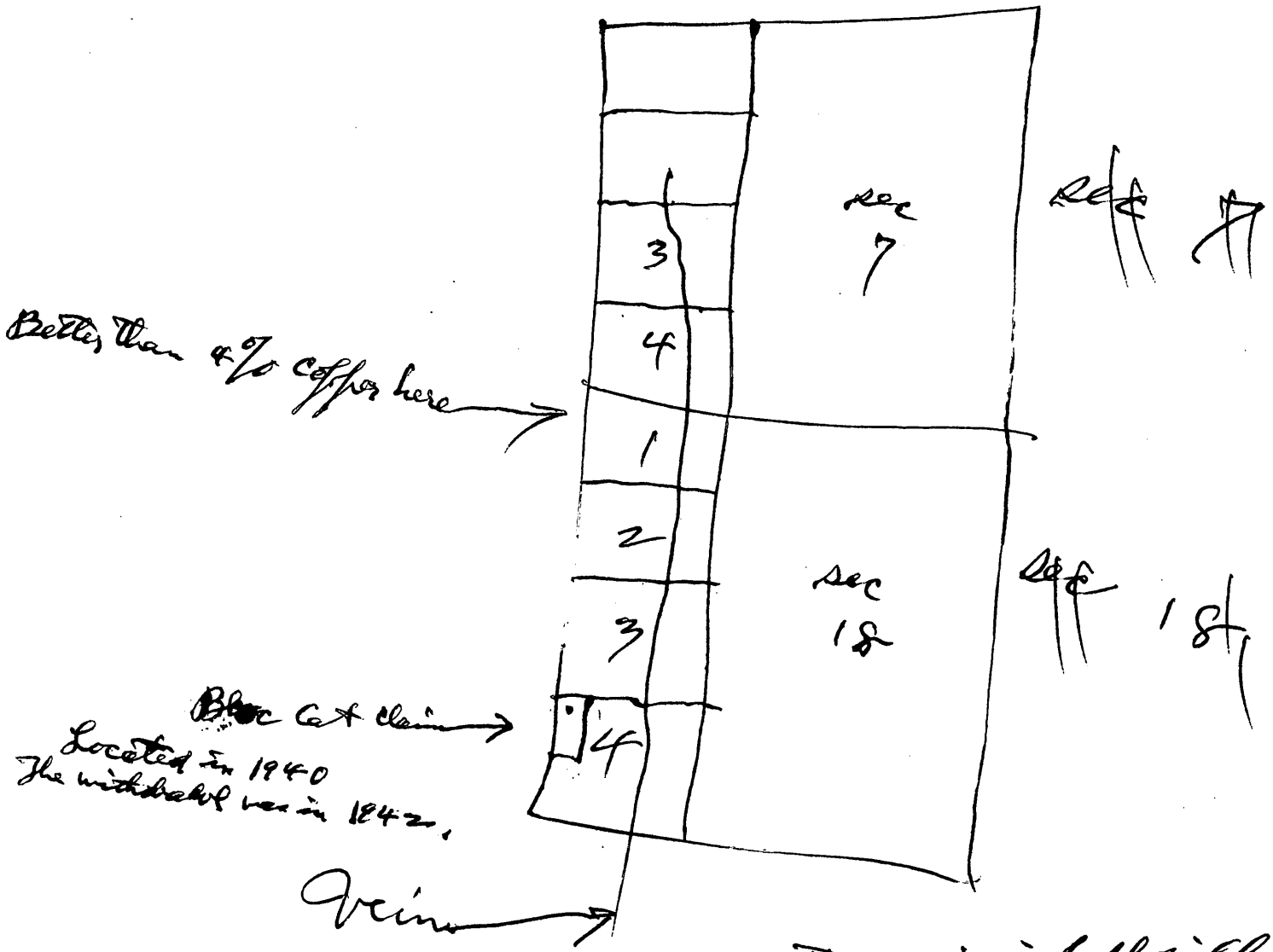
The lots in the sections in which the copper vein runs, are as follows, of which should be "Lifted" from the "Withdrawals"

Section 7, lots 3 and 4.

Section 18 lots 1, 2, 3, and 4.

T. 9 n. R 11, E. M.D. B. M.

The "Withdrawls were in 1932, and 1942.



P.S. The only portion that will be under water when the reservoir is full will be the lower part of lot 4 in sect. 18.

Edsmorth Carpenter

I think if you go to the secretary of the Interior that he will grant the lift.

Thank you.

MANNA VITA-MIN-ITES CO.

742 SO. HILL STREET - SUITE 1119
LOS ANGELES 14, CALIFORNIA

E. Carpenter
Blue Cat Mine
El Dorado,,,Calif.

NEW LIFE . . .
NEW HOPE . . .
NEW JOY . . .

PLACERVILLE, CALIF.
AUG 20
9 - AM
1951

AIR MAIL
6¢
U.S. POSTAGE

Mr. Tom Lyon
U.S. Dept. of Interior. (DMA)
Washington 25, D.C.

a.ee -

July 23, 1951
Code 370

Mr. Ellsworth Carpenter
Blue Jay Mine
El Dorado
California

Subject: DA-1370-X
Pyrites

Dear Mr. Carpenter:

Replying to your letter of July 16th, it is correct that sulphur is included in the list of minerals (section 9, MO-5, Regulations Governing Government Aid in Defense Exploration Projects) which qualify for Exploration Aid. However, this refers to elemental (native) sulfur and does not include deposits where the sulfur occurs in the form of pyrites or other sulfides. Under these circumstances, we regret that we cannot reconsider subject application.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosure

RW:mas

cc: Reports and Records Unit
Mr. Lyon
Mr. Barr
DMA File

June 27, 1951

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1580X; Mr. Ellsworth Carpenter, Blue Cat Mine, El Dorado, California; Pyrites

It is recommended that the subject application be denied for the following reason:

Commodity involved (Pyrite) is not included in MO-5 as eligible for Exploration Aid.

We are forwarding the entire docket which includes:

1) MO-103 and appendixes in triplicate
2) Three maps
3) Plan of processing plant

James L. Barr, Jr.

Approved:

Tom Lyon

Tom Lyon, Director
Supply Division

RW:mas

cc: Mr. Strobel
Mr. Lyon
Mr. Barr
DMA Files

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

June 27, 1951

a. E.C.

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1580X; Mr. Ellsworth Carpenter, Blue Cat Mine, El Dorado, California; Pyrites

It is recommended that the subject application be denied for the following reason:

Commodity involved (Pyrite) is not included in MO-5 as eligible for Exploration Aid.

We are forwarding the entire docket which includes:

1) MO-103 and appendixes in triplicate
2) Three maps
3) Plan of processing plant

James A. Barr

James A. Barr, Sr.

Approved:

Tom Lyon

Tom Lyon, Director
Supply Division

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 9 - 1951
LANDON F. STROBEL
Executive Secretary

June 27, 1951

Mr. Ellsworth Carpenter
Blue Cat Mine
El Dorado, California

Subject: DMA-1580X; Pyrites

Dear Mr. Carpenter:

Your application for aid for an exploration project on Pyrite deposit located near El Dorado, California and designated as DMA-1580X, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgement, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply for National Defense. Exploration Project Aid may be granted only for minerals listed in Sec. 9, M6-5, Regulations Governing Government Aid in Defense Exploration Projects.

A very careful study of your proposal revealed the following:

The mineral involved in subject application Pyrites is not included in Sec. 9, M6-5, Regulations Governing Government Aid for Defense Exploration Projects.

Under these circumstances, your application for exploration aid to the extent of 50% of the estimated cost is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

EM:mas
cc: Mr. Strobel
Mr. Lyon
Mr. Barr
DMA Files

FILE COPY
SURNAME:

Barr

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

June 27, 1951

A. & C

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1580X; Mr. Ellsworth Carpenter, Blue Cat Mine, El Dorado, California; Pyrites

It is recommended that the subject application be denied for the following reason:

Commodity involved (Pyrite) is not included in MO-5 as eligible for Exploration Aid.

We are forwarding the entire docket which includes:

1) MO-103 and appendixes in triplicate
2) Three maps
3) Plan of processing plant

James Barr
mb

James A. Barr, Sr.

Approved:

Tom Lyon
Tom Lyon, Director
Supply Division

RW:mas

cc: Mr. Strobel
Mr. Lyon
Mr. Barr
DMA Files

June 27, 1951

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: D A-1580X; Mr. Ellsworth Carpenter, Blue Cat Mine, El Dorado, California; Pyrites

It is recommended that the subject application be denied for the following reason:

Commodity involved (Pyrite) is not included in MO-5 as eligible for Exploration Aid.

We are forwarding the entire docket which includes:

1) MO-103 and appendixes in triplicate
2) Three maps
3) Plan of processing plant

James Barr

James A. Barr, Jr.

Approved:

Tom Lyon

Tom Lyon, Director
Supply Division

RW:mas

cc: Mr. Strobel
Mr. Lyon
Mr. Barr
DMA Files

FILE COPY
SURNAME:

Barr

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

June 27, 1951

Mr. Ellsworth Carpenter
Blue Cat Mine
El Dorado, California

Subject: DMA-1580X; Pyrites

Dear Mr. Carpenter:

G. E. C.

Your application for aid for an exploration project on Pyrite deposit located near El Dorado, California and docketed as DMA-1580X, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgement, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply for National Defense. Exploration Project Aid may be granted only for minerals listed in Sec. 9, MO-5, Regulations Governing Government Aid in Defense Exploration Projects.

A very careful study of your proposal revealed the following:

The mineral involved in subject application Pyrites is not included in Sec. 9, MO-5, Regulations Governing Government Aid for Defense Exploration Projects.

Under these circumstances, your application for exploration aid to the extent of 50% of the estimated cost is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

RW:mas
cc: Mr. Strobel
Mr. Lyon
Mr. Barr
DMA Files

Tom Lyon

Tom Lyon, Director
Supply Division

June 27, 1951

Mr. Ellsworth Carpenter
Blue Cat Mine
El Dorado, California

Subject: DMA-1530X; Pyrites

Dear Mr. Carpenter:

Your application for aid for an exploration project on Pyrite deposit located near El Dorado, California and designated as DMA-1530X, has been reviewed by this office.

Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character and specifications, in quantities that will significantly improve the mineral supply for National Defense. Exploration Project Aid may be granted only for minerals listed in Sec. 9, DMS-5, Regulations Governing Government Aid in Defense Exploration Projects.

A very careful study of your proposal revealed the following:

The mineral involved in subject application Pyrites is not included in Sec. 9, DMS-5, Regulations Governing Government Aid for Defense Exploration Projects.

Under these circumstances, your application for exploration aid to the extent of 50% of the estimated cost is denied. Should additional information become available, we would be glad to have you resubmit your proposal for consideration.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

RMJmas
cc: Mr. Strobel
Mr. Lyon
Mr. Barr
DMA Files

Bernadette

A. E. C.

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

Office of
Executive Officer
DMA Field Team
Region III

1415 Appraisers Bldg.
630 Sansome Street
San Francisco 11, Calif.

June 19, 1951

Memorandum

To: Defense Minerals Administration, Department of the Interior, Washington 25, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Application for Aid for an Exploration Project; Ellsworth Carpenter, Blue Cat Mine, El Dorado, Calif.— Sulphur (Pyritic)

DMA-1580X

On June 1, we transmitted subject application to you without waiting for the applicant to furnish the estimated cost of his project.

Mr. Carpenter called at the office this morning, and it was concluded that the estimated cost is $10,000 to $12,000. His proposal is to sink 50 to 100 feet of shaft and to do some cross-cutting to explore his deposit. In addition, he will have to buy a hoist, erect a head frame, purchase two mine cars, small pump, some track, a skip, and erect a small house on the property.

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

June 18, 1951

Mr. Ellsworth Carpenter
Blue Cat Mine
El Dorado, California

Subject: DMA-1580X
Re: Exploration Loan
Blue Cat Mine

My dear Mr. Carpenter:

Receipt is acknowledged of your application and attachments of May 31, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1580X and was referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on June 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1580X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: >Strobel-2
Files
Barr
Lyon

Form MF-103
(Aug. 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 - 158DX

Date received 6/5/51

Participation

Ellsworth Carpenter
Blue Oak Ranch
El Dorado, Calif.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 1 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 31 1951

FILL IN THIS BLOCK

Date of application May 31 1951

Estimated cost (?) Nothing on hand. Starting from scratch.

Mineral or metal Sulphur. (Pyrite)

Percentage of Government participation 50%

Location of mine El Dorado county. 4 miles south-east of the town of El Dorado. On Martinez Creek. Near Martinez mine, and Buena Vista mine. Section 18, township 3 north range 11 east.

Date of filing MF-100 Have not filed this.

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? Individual.

*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. Present for 65. All around miner and millman.

*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. Nothing against the property

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.

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.
    (*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.

*11. State the present and former names of the property, if any.
*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.
*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.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*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.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*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?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*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.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*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.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
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.

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.

Blue Cat Mining
(Name of company)

By Kenneth Carpenter
(Signature of authorized official)

May 31, 1951
(Date)

Owner
(Title)

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

*Same as footnote on page 1.

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

Form [illegible]

Answers to-

8. The mine was worked by Mexicans in the '60s, and in 1900 to 1906 (?) by whites for sulphuric acid. Peyton Chemical works in Alameda processed it. Since then the mine has not been worked, hence nothing can be shown as to liabilities, assets, profits and losses.

9. Applicant is financially embarrassed, but have the promise of help from well to do relatives.

10. A description is given in the California State Mining Bureau Bulletin 18, page 91. The former name was Rafelina. It will tell you that there is a crosscut tunnel 90 feet, and a drift on the vein 100 feet, and a raise 105 feet. There is also a shaft about 35 feet.

(b) The legal property is a regular claim of 600 by 1500 feet. I may acquire two more claims.

Two claims north, on the same vein, is the Moon Bay mine, which is being readied for operation. It has been considered not as good as the Blue Cat. The Moon Bay may be under your application, I do not know, but probably is.

11. The present name is Blue Cat. The original name was Rafelina.

12. Property is 4 miles northeast of El Dorado town, on the east bank or slope of the Martinez creek. Near the Martinez Mine, and Dune Vista mine. The Union Mine, and Church mine, are about half way between the town of El Dorado, and the Blue Cat. [illegible] need attention, but is not a big job.

13. There is a year round spring for domestic water. Not a large supply, but enough for small group. The creek roars with abundant water in the rainy season, but is dry from July 15 on till the rainy seasons. For sulphur mining, water will not be needed anyway. Pipe and a small pump will be needed for the spring water, and a tank.

14. At present, there are no buildings. They were burnt out. There is no other equipment. And...the road too is bad. But...road and all...not so much. It is my purpose to minimize as much as practical. There are many large pines, and with a small mill, will furnish all the timber needed.

15. The ore can be hauled by truck to the rail road, 6 miles, and shipped to the processing plant near San Francisco bay.

16. History. Mexicans worked the mine for gold in the early '60s. From 1900 to 1906 it was worked by white men for the sulphuric ferrites. The ore was shipped to Alameda, to the Peyton Chemical plant. Since then, the mine has been idle. There is a open cut 100 feet, then tunnel 100 feet to the vein, and tunnel, or drift along the foot wall of the vein 100 feet, then a raise to the surface 105 feet. It is considered 60 feet from the foot wall to the hanging wall. There is a good showing of croppings. Manganese, etc.

North two claims, is the Moon Bay mine. It has had about the same history, and it is being prepared now for operation. Maybe with your money, I do not know.

17. Has not been producing since about 1906. Reasons, I do not know. The work done, might be considered as "grass root work". Only scratched. There is a good cropping, and there may be abundance below.

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO, May 28, 1951

DEPOSITED BY E. Carpenter
260 San Pablo Avenue
El Cerrito, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @ $	
30287	From Effmeure	.01	.35			Copper 0.85 Sulphur 27.31

of the chunk of 40 grams

ABBOT A. HANKS, INC.
Original Signed by
P. T. BEE

pf

10. There is ore croppings. Then there is a channel along the vein 100 feet. Everything below, undeveloped, is in reserve. Assays show low copper. Low gold. Low silver. Pyritic sulphur the best I could pick up on the dump, which had been exposed for overall years, assayed 27.21. There must be much better than this in the mine. The best gold assay was 0.03, but this was off to one side. The mine has not been worked since about 1930.

19. Mining men feel there are good possibilities in this mine, but development work must be done, and that means sinking deeper, and drifting.

20. Pyritic sulphur is what the mining experts say should be specialized on. It is possible that copper may improve. Also the manganese. There is a good cropping of manganese. Perhaps 30%.

21. After the preliminary work is done, preparations etc. the 30 foot shaft, where the best croppings are, should be sunk deeper, to find out what is down there, and if still in good ore, drift and block, and stoop, and slip. The shaft now is in ore, and should be sunk in ore, and the ore chipped as taken out, etc.

First well, we should get busy right off, and the sooner the better, and the sooner we get started, the sooner we ship. In two years, there should be a very good production.

22. The geological basis is, a vein that can be traced for perhaps three miles. It is in the "Butler Lode" formation. The vein is a "blocker vein". The foot wall, and the hanging wall, is about 60 feet. The present workings are on the foot wall. Just as between the walls come better, as one knows.

Your engineers, when they come, should be able to give you a much better conception than I. I have no idea they will recommend development.

23. The cost, I plan, will not be great. This is not a great project. It is a small one, and if the property warrants it, expansion can then be done, but with the money provided by the mine, only preliminaries are carried at present. No road work finish, which with modern equipment is a small job. I have to hire for. There is much other work. A pulley crusher. Pilot concentrator. Track laid. Cars put on the track. Ore bin built. Mine cleaned out and sliding started. Blacksmith shop. Tools to be had. Only a few men at cost. There is no mill to erect. Trucks can be contracted for, or, get a truck of our own. Instead of jacking, use materials. There are many more materials that can be had cheaper. The thing is, is to get into production as soon as possible, and make the mine pay its own way.

24. The question of "time schedule" is up to you. As soon as I get assistance, the project begins, and production starts, and, the sooner the better. I'm ready, one waiting to go.

As to amount of financial help, I have not had time to estimate. It was only a few days ago that I learned of federal help, and this is the last day for me to get this paper in the mail. The mail is now about to close. But I have had something in mind, so, you see, I have not the time to travel all over the west, to find out the costs of every item that will be needed, but, I'm sure, the costs will be so low, that you will be AMAZED. There must be considerable low labor, for I am an expert in keeping down the expense.

Defense Minerals Administration
Reference Slip

Date 6/8

To: 1. Barr
2. Hastings
3.
4.

DMA 1580X

For Action ✓
Reply
Information
Remarks:

Sender LANDON F. STROBEL

3
Mr. Strobel DMA 1580X

Forwarded to

Branch

Date

Sender

2
Mr. Strobel DMA 1580X

Forwarded to

Branch

Date

Sender

1
Mr. Strobel DMA 1580X

Forwarded to

Branch

Date

Sender

92758

Dma-1580X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Region III

1415 Appraisers Bldg.
630 Sansome Street
San Francisco 11, Calif.

June 1, 1951

Memorandum

To: Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Application for Aid for an Exploration Project

The attached application was received in this office on June 1, 1951.

Applicant: Ellsworth Carpenter
Blue Cat Mine
El Dorado, California

Not allowed elemental only

Date of Application: May 31, 1951

Mineral or Metal: Sulphur (Pyritic)

Estimated Cost: (?) Nothing on hand. Starting from scratch.

Percentage of Government Participation: 50%

Location of Mine: El Dorado county, 4 miles southeast of the town of El Dorado, On Martinez Creek. Near Martiez mine and Bunea Vista Mine. Section 18, township 9 north range 11 east.

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

P.S. Note that application was mailed at 9:00 PM May 31, or several hours before deadline.

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-1580X

Date received 6/5/51

Participation

Ellsworth Carpenter
Blue Cat Mine
El Dorado, Calif.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 1 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 31 1951

FILL IN THIS BLOCK

Date of application May 31 1951

Estimated cost (?) Nothing on hand. Starting from scratch.

Mineral or metal Sulphur.(Pyritic)

Percentage of Government participation 50%

Location of mine El Dorado county. 4 miles south-east of the town of El Dorado. On Martin Creek. Near Martinez mine, and Dunsa Vista mine. Section 18, township 9 north range 11 east.

Date of filing MF-100 Have not filed this.

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? Individual.

*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. Present age 65. All around miner and millman.

*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. Nothing against the property

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.

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.
    (*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.

*11. State the present and former names of the property, if any.
*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.
*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.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*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.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*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?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*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.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*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.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
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.

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.

Blue Cat Mine — By Clowarth Carpenter
(Name of company) — (Signature of authorized official)

May 31, 1951 — Owner
(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 MP-103

Answers to-

8. The mine was worked by Mexicans in the '60s, and in 1900 to 1905 (?) by whites for sulphoric acid. Payton Chemical works in Alameda processed it. Since then the mine has not been worked, hence nothing can be shown as to liabilities, assets, profits and losses.

9. Applicant is financially embarrassed, but have the promise of help from well to do relatives.

10. A description is given in the California State Mining Bureau Bullitin 18, page 91. The former name was Madelina. It will tell you that there is a crosscut tunnel 90 feet, and a drift on the vein 100 feet, and a raise 105 feet. There is also a shaft about 35 feet.

(b) The legal property is a regular claim of 600 by 1500 feet. I may annex two more claims.

Two claims north, on the same vein, is the Moon Day mine, which is being readied for operation. It has been considered not as good as the Blue Cat. The Moon Day may be under your assistance, I do not know, but probably is.

11. The present name is BLUE CAT. The original name was Madelina.

12. Property is 4 miles south-east of El Dorado town, on the east bank or slope of the Martinez creek. Near the Martinez Mine, and Buena Vista mine. The Union mine, and Church mine, are about half way between the town of El Dorado, and the Blue Cat. The road does need attention, but is not a big job.

13. There is a year round spring for domestic water. Not a large supply, but enough for small group. The creek roars with abundant water in the rainy season, but is bone dry from July 15 on till the rainy season. For sulphur mining, water will not be needed anyway. Pipe and a small pump will be needed for the spring water. And a tank.

14. At present, there are NO buildings. They were burnt out. There is no other equipment. And,,,,the road too is bad. But,,,road and all,,,need not be much It is my purpose to minimize as much as practical. There are many large pines and with a small mill, will furnish all the timber needed.

15. The ore can be hauled by truck to the rail road, 6 miles, and shipped to the processing plant near San Francisco bay.

16. History. Mexicans worked the mine for gold in the early '60s. From 1900 to 1905 it was worked by white men for the sulphuric pyrites. The ore was shipped to Alameda, to the Payton Chemical plant. Since then, the mine has been idle. There is a open cut 100 feet, then tunnel 100 feet to the vein, and tunnel, or drift along the foot wall of the vein 100 feet, than a raise to the surface 105 feet. It is considered 60 foot from the foot wall to the hanging wall. There is a GOOD showing of croppings. Manganese, etc.

North two claims, is the Moon Day mine. It has had about the same history, and it is being prepared now for operation. Maybe with your money, I do not know.

17. Has not been producing since about 1905. Reasons, I do not know. The work done, might be considered as "grass root work". Only scratched. There is a good crpping, and there may be abundance below.

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

May 28, 1951

DEPOSITED BY E. Carpenter
260 San Pablo Avenue
El Cerrito, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD, Value @ $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER, Value @ $	Percentages	
30267		.01	.35			Copper	0.85
						Sulphur	27.31

From 8/6 the dump after 40 yrs
Effloresce

ABBOT A. HANKS, INC.
Original Signed by
P. T. BEE

pf

Form MT-163 Answers to-

18. There is ore croppings. Then there is a tunnel along the vein 100 feet. Everything below, undeveloped, is in reserve. Assays show low copper. Low gold. Low silver. Pyritic sulphur the best I could pick up on the dump, which had been exposed for over 40 years, assayed 27.31. There must be much better than this in the mine. The best gold assay was 9.00. But this was off to one side. The mine has not been worked since about 1905.

19. Mining men feel there are good possibilities in this mine, but development work must be done, and that means sinking deeper, and drifting.

20. Pyritic sulphur is what the mining experts say should be specialized on. It is possible that copper may improve. Also the manganese. There is a good cropping of manganese. Perhaps 30%.

21. After the preliminary work is done, preparations etc. the 35 foot shaft, where the best croppings are, should be sunk deeper, to find out what is down there, and if still in good ore, drift and block, and stoop, and chip. The shaft now is in ore, and should be sunk in ore, and the ore chipped as taken out. etc.

Time? Well, we should get busy right off, and the sooner the better, and the sooner we get started, the sooner we chip. By two years, there should be a very good production.

22. The geological basis is, a vein that can be traced for perhaps three miles. It is in the "Mother Lode" formation. The vein is a "Fissher vein". The foot wall, and the hanging wall, is about 60 feet. The present workings are on the foot wall. What is between the walls down below, no one knows.

Your engineers, when they come, should be able to give you a much better description than I. I have an idea they will recommend development.

23. The costs, I plan, will not be great. This is not a great project. It is a small one, and if the production warrants it, expansion can then be done, but with the money provided by the mine. Only preliminaries are needed at present. The road needs fixing, which with modern equipment is a small job. A house to live in. There is much timber on hand. A gallows erricted. Hoist erected. Track laid. Cars put on the tract. Ore bin built. Shaft cleaned out, and sinking started. Blacksmith shop. Tools to be had. Only a few men needed. There is no mill to erect. Trucks can be contracted for, or, get a truck of our own. Instead of getting new materials, there are many used materials that can be had cheaper. The thing is, is to get into production as soon as possible, and make the mine pay its own way.

24. The question of "Time schedule" is up to you. As soon as I get assistance the project begins, and production starts. And, the sooner the better. I'm ready, and rearing to go.

As to amount of financial help, I have not had time to estimate. It was only a few days ago that I learned of Federal help, and this is the last day for me to get this paper in the mail. The Sun is now about to sink, but I have till midnight, so, you see, I have not the time to travel all over the west, to find out the costs of every item that will be needed, but, I'm sure, the costs will be so low, that you will be AMAZED. There must be considerable Jew in me, for I am an expert in keeping down the expense.

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-1580X

Date received 6/5/51

Participation

Ellsworth Carpenter
Blue Cat Mine
El Dorado, Calif.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 1 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 31 1951

FILL IN THIS BLOCK

Date of application May 31 1951

Estimated cost (?) Nothing on hand. Starting from scratch.

Mineral or metal Sulphur. (Pyritic)

Percentage of Government participation 50%

Location of mine El Dorado county. 4 miles south-east of the town of El Dorado. On Martinez Creek. Near Martiez mine, and Bunea Vista mine. Section 18, township 9 north range 11 east.

Date of filing MF-100 Have not filed this.

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? Individual.
*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. Present age 65. All around miner and millman.
*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. Nothing against the property
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.
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.
    (*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.

*11. State the present and former names of the property, if any.
*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.
*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.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*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.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*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?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*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.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*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.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
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.

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.

Blue Cat Mine — By Clearworth Carpenter
(Name of company) — (Signature of authorized official)

May 31, 1957 — Owner
(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 LF-103

Answers to-

8. The mine was worked by Mexicans in the '60s, and in 1900 to 1905 (?) by whites for sulphoric acid. Payton Chemical works in Alameda processed it. Since then the mine has not been worked, hence nothing can be shown as to liabilities, assets, profits and losses.

9. Applicant is financially embarrassed, but have the promise of help from well to do relatives.

10. A description is given in the California State Mining Bureau Bullitin 18, page 91. The former name was Madelina. It will tell you that there is a crosscut tunnel 90 feet, and a drft on the vein 100 feet, and a raise 105 feet. There is also a shaft about 35 feet.

(b) The legal property is a regular claim of 600 by 1500 feet. I may annex two more claims.

Two claims north, on the same vein, is the Noon Day mine, which is being readied for operation. It has been considered not as good as the Blue Cat. The Noon Day may be under your assistance, I do not know, but probibly is.

11. The present name is BLUE CAT. The original name was Madelina.

12. Property is 4 miles south-east of El Dorado town, on the east bank or slope of the Martinez creek. Near the Martinez Mine, and Buna Vista mine. The Union mine, and Church mine, are about half way between the town of El Dorado, and the Blue Cat. The road does need attention, but is not a big job.

13. There is a year round spring for demostic water. Not a large supply, but enough for small group. The creek roars with abundant water in the rainy season, but is bone dry from July 15 on til the rainy season. For sulphur mining, water will not be needed anyway. Pipe and a small pump will be needed for the spring water. And a tank.

14. At present, there are NO buildings. They were burnt out. There is no other equipment. And,,,,the road too is bad. But,,,road and all,,,need not be much. It is my purpose to minimize as much as practical. There are many large pines, and with a small mill, will furnish all the timber needed.

15. The ore can be hawled by truck to the rail road, 4 miles, and shipped to the processing plant near San Francisco bay.

16. History. Mexicans worked the mine for gold in the early '60s. From 1900 to 1905 it was worked by white men for the sulphuric pyrites. The ore was shipped to Alameda, to the Payton Chemical plant. Since then, the mine has been idle. There is a open cut 100 feet, then tunnel 100 feet to the vein, and tunnel, or drift along the foot wall of the vain 100 feet, than a raise to the surface 105 feet. It is considered 60 feet from the foot wall to the hanging wall. There is a GOOD showing of croppings. Manganese, etc.

North two claims, is the Noon Day mine. It has had about the same history, and it is neing prepared now for operation. Maybe with your money, I do not know.

17. Has not been producing since about 1905. Reasons, I do not know. The work done, might be considered as "grass root work". Only scratched. There is a good crppping, and there may be abundance below.

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO.

May 28, 1951

DEPOSITED BY E. Carpenter
260 San Pablo Avenue
El Cerrito, California

SAMPLE OF O R E

Labty. No.	Mark	GOLD, per ton of 2,000 lbs.		SILVER, per ton of 2,000 lbs.		Percentages	
		Troy Ounces	Value @ $35.00 oz.	Troy Ounces	Value @ $		
30287	From Eph house off the dump after 40 yrs	.01	.35			Copper Sulphur	0.85 27.31

ABBOT A. HANKS, INC.

Original Signed by
P. T. BEE

pf

Form MF-103 Answer to

18. There is ore croppings. Then there is a tunnel along the vein 100 feet. Everything below, undeveloped, is in reserve. Assays show low copper. Low gold. Low silver. Pyritic sulphue the best I could pick up on the dump, which had been exposed for over40 years, assayed 27.31. There must be much better than this in the mine. The best gold assay was 9.00, But this was off to one side. The mine has not been worked since about 1905.

19. Mining men feel there are good possibilities in this mine, but development work must be done, and that means sinking deeper, and drifting.

20. Pyritic sulphur is what the mining experts say should be specialized on. It is possible that copper may improve. Also the manganese. There is a good cropping of manganese. Perhaps 30%.

21. After the preliminary work is done, preparations etc. the 35 foot shaft, where the best croppings are, should be sunk deeper, to find out what is down there, and if still in good ore, drift and block, and stoop, and ship. The shaft now is in ore, and should be sunk in ore, and the ore shipped as taken out. etc.

Time? Well, we should get busy right off, and the sooner the better, and the sooner we get started, the sooner we ship. By two years, there should be a very good production.

22. The geological basis is, a vein that can be traced for perhaps three miles. It is in the "Mother Lode" formation. The vein is a "Fischer vein". The foot wall, and the hanging wall, is about 60 feet. The present workings are on the foot wall. What is between the walls down below, no one knows.

Your engineers, when they come, should be able to give you a much better description than I. I have an idea they will recommend development.

23. The costs, I plan, will not be great. This is not a great project. It is a small one, and if the production warents it, expansion can then be done, but with the money provided by the mine. Only preliminaries are needed at present. The road needs fixing, which with modern equipment is a small job. A house to live in. There is much timber on hand. A gallows erricted. Hoist errected. Track laid. Cars put on the tract. Ore bin built. Shaft cleaned out, and sinking started. Blacksmith shop. Tools to be had. Only a few men needed. There is no mill to errect. Trucks can be contracted for, or, get a truck of our own. Instead of getting new materials, there are many used materials that can be had cheaper. The thing is, is to get into production as soon as possible, and make the mine pay its own way.

24. The question of "Time schedule" is up to you. As soon as I get assistance the project begins, and production starts. And, the sooner the better. I'm ready, and rearing to go.

As to amount of financial help, I have not had time to estimate. It was only a few days ago that I learned of Federal help, and this is the last day for me to get this paper in the mail. The Sun is now about to sink, but I have til midnight, so, you see, I have not the time to travel all over the west, to find out the costs of every item that will be needed, but, I'm sure, the costs will be so low, that you will be AMAZED. There must be considerable Jew in me, for I am an expert in keeping down the expense.

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-1580 X

Date received 6/5/51

Participation

Ellsworth Carpenter
Blue Cat Mine
El Dorado, Calif.

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
JUN 1 1951
SAN FRANCISCO, CALIFORNIA

Name and address of applicant

Date May 31 1951

FILL IN THIS BLOCK

Date of application May 31 1951

Estimated cost (?) Nothing on hand. Starting from scratch.

Mineral or metal Sulphur. (Pyritic)

Percentage of Government participation 50%

Location of mine El Dorado county. 4 miles south-east of the town of El Dorado. On Martinez Creek. Near Martiez mine, and Bunea Vista mine. Section 18, township 9 north range 11 east.

Date of filing MF-100 Have not filed this.

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? Individual.

*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. Present age 65. All around miner and millman.

*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. Nothing against the property.

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.

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.
    (*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.

*11. State the present and former names of the property, if any.
*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.
*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.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*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.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*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?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    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.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*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.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*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.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
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.

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.

Blue Cat Mine
(Name of company)

By Ellsworth Carpenter
(Signature of authorized official)

May 31, 1957
(Date)

Owner
(Title)

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

*Same as footnote on page 1.

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

Form MF-103

Answers to-

8. The mine was worked by Mexicans in the '60s, and in 1900 to 1905 (?) by whites for sulphoric acid. Payton Chemical works in Alameda processed it. Since then the mine has not beem worked, hence nothing can be shown as to liabilities, assets, profits and losses.

9. Applicant is financially embarrassed, but have the promise of help from well to do relatives.

10. A description is given in the California State Mining Bureau Bullitin 18, page 91. The former name was Madelina. It will tell you that there is a crosscut tunnel 90 feet, and a drft on the vein 100 feet, and a raise 105 feet. There is also a shaft about 35 feet.

(b) The legal property is a regular claim of 600 by 1500 feet. I may annex two more claims.

Two claims north, on the same vein, is the Noon Day mine, which is being readied for operation. It has been considered not as good as the Blue Cat. The Noon Day may be under your assistance, I do not know, but probibly is.

11. The present name is BLUE CAT. The original name was Madelina.

12. Property is 4 miles south-east of El Dorado town, on the east bank or slope of the Martinez creek. Near the Martinez Mine, and Buna Vista mine. The Union mine, and Church mine, are about half way between the town of El Dorado, and the Blue Cat. The road does need attention, but is not a big job.

13. There is a year round spring for demostic water. Not a large supply, but enough for small group. The creek roars with abundant water in the rainy season, but is bone dry from July 15 on til the rainy season. For sulphur mining, water will not be needed anyway. Pipe and a small pump will be needed for the spring water. And a tank.

14. At present, there are NO buildings. They were burnt out. There is no other equipment. And,,,,the road too is bad. But,,,road and all,,,need not be much. It is my purpose to minimize as much as practical. There are many large pines, and with a small mill, will furnish all the timber needed.

15. The ore can be hawled by truck to the rail road, 4 miles, and shipped to the processing plant near San Francisco bay.

16. History. Mexicans worked the mine for gold in the early '60s. From 1900 to 1905 it was worked by white men for the sulphuric pyrites. The ore was shipped to Alameda, to the Payton Chemical plant. Since then, the mine has been idle. There is a open cut 100 feet, then tunnel 100 feet to the vein, and tunnel, or drift along the foot wall of the vein 100 feet, than a raise to the surface 105 feet. It is considered 60 feet from the foot wall to the hanging wall. There is a GOOD showing of croppings. Manganese, etc.

North two claims, is the Noon Day mine. It has had about the same history, and it is being prepared now for operation. Maybe with your money, I do not know.

17. Has not been in production since about 1905. Reasons, I do not know. The work done, might be considered as "grass root work". Only scratched. There is a good cropping, and there may be abundance below.

REPORT OF ASSAY

ABBOT A. HANKS, INC.

ASSAYERS, CHEMISTS, ENGINEERS
624 SACRAMENTO STREET
SAN FRANCISCO. May 28, 1951

DEPOSITED BY E. Cappenter
260 San Pablo Avenue
El Cerrito, California

SAMPLE OF ORE

Labty. No.	Mark	GOLD, per ton of 2,000 lbs. Troy Ounces	GOLD, per ton of 2,000 lbs. Value @ $35.00 oz.	SILVER, per ton of 2,000 lbs. Troy Ounces	SILVER, per ton of 2,000 lbs. Value @ $	Percentages	
30287	From off the dump after 40 years Effloresence	.01	.35			Copper	0.85
						Sulphur	27.31

ABBOT A. HANKS, INC.
Original Signed by
P. T. BEE

pf

18. There is ore croppings. Then there is a tunnel along the vein 100 feet. Everything below, undeveloped, is in reserve. Assays show low copper. Low gold. Low silver. Pyritic sulphue the best I could pick up on the dump, which had been exposed for over40 years, assayed 27.31. There must be much better than this in the mine. The best gold assay was 9.00, But this was off to one side. The mine has not been worked since about 1905.

19. Mining men feel there are good possibilities in this mine, but development work must be done, and that means sinking deeper, and drifting.

20. Pyritic sulphur is what the mining experts say should be specialized on. It is possible that copper may improve. Also the manganese. There is a good cropping of manganese. Perhaps 30%.

21. After the preliminary work is done, preparations etc. the 35 foot shaft, where the best croppings are, should be sunk deeper, to find out what is donw there, and if still in good ore, drift and block, and stoop, and ship. The shaft now is in ore, and should be sunk in ore, and the ore shipped as taken out. etc.

Time? Well, we should get busy right off, and the sooner the better, and the sooner we get started, the sooner we ship. By two years, there should be a very good production.

22. The geological basis is, a vein that can be traced for perhaps three miles. It is in the "Mother Lode" formation. The vein is a "Fischer vein". The foot wall, and the hanging wall, is about 60 feet. The present workings are on the foot wall. What is between the walls down below, no one knows.

Your engineers, when they come, should be able to give you a much better description than I. I have an idea they will recommend development.

23. The costs, I plan, will not be great. This is not a great project. It is a small one, and if the production warents it, expansion can then be done, but with the money provided by the mine. Only preliminaries are needed at present. The road needs fixing, which with modern equipment is a small job. A house to live in. There is much timber on hand. A gallows erricted. Hoist errected. Track laid. Cars put on the tract. Ore bin built. Shaft cleaned out, and sinking started. Blacksmith shop. Tools to be had. Only a few men needed. There is no mill to errect. Trucks can be contracted for, or, get a truck of our own. Instead of getting new materials, there are many used materials that can be had cheaper. The thing is, is to get into production as soon as possible, and make the mine pay its own way.

24. The question of "Time schedule" is up to you. As soon as I get assistance, the project begins, and production starts. And, the sooner the better. I'm ready, and rearing to go.

As to amount of financial help, I have not had time to estimate. It was only a few days ago that I learned of Federal help, and this is the last day for me to get this paper in the mail. The Sun is now about to sink, but I have til midnight, so, you see, I have not the time to travel all over the west, to find out the costs of every item that will be needed, but, I'm sure, the costs will be so low, that you will be AMAZED. There must be considerable Jew in me, for I am an expert in keeping down the expense.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1580K

Commodity _____

Total Amount _____

Govt. Participation _____

1. Name and Address of Applicant _____

2. Location of Property _____

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

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 See attachment _____

d) Don't know—needs field examination X

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

5. Is the applicant's right to the property clearly stated? _____ (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

DMA-1580X Blue Cat Mine, El Dorado, California
Ellsworth Carpenter, Owner
Exploration for pyrite

Attachment to answer questions 3 and 17

3. Pyrite is not specifically mentioned in Sec. 9 of MO-5, and I do not know if it is intended to be included. It could be considered as a sulfur ore or an iron ore.

17. We have no information on this deposit in the Washington Survey files. The applicants' data are too general to permit appraisal. Field examination will be needed to determine if deposit is promising enough to warrant exploration.

G. H. Espenshade
U. S. G. S.
June 22, 1951

DMA-1580X Blue Cat Mine, El Dorado, California
Ellsworth Carpenter, Owner
Exploration for pyrite

Attachment to answer questions 3 and 17

3. Pyrite is not specifically mentioned in Sec. 9 of MO-5, and I do not know if it is intended to be included. It could be considered as a sulfur ore or an iron ore.

17. We have no information on this deposit in the Washington Survey files. The applicants' data are too general to permit appraisal. Field examination will be needed to determine if deposit is promising enough to warrant exploration.

G. H. Espenshade
U. S. G. S.
June 22, 1951

7. Are subordination agreements necessary? _____

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 _____

b) Equipment and supplies _____
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* _____

d) Water (question 13)* _____

e) Power (question 13)* _____

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

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

_____

Is a field check needed on this point? _____

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? No If so, attach a draft.

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

_____

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

If not, what part of it is? Shaft sinking and drifting

_____

_____

_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

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

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant?_____

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

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

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

c) Is a field check needed?_____

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

a) Is it applicable?_____

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

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

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

a) Are there sufficient data?_____

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

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable?_____

b) Sufficient data?_____

c) Reasonable?_____

d) Field check needed?_____

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

(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? See attachment

Reviewed by:_____

Date_____

97692