DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1475 X

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

_____

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: Supply Div Date Aug 7

To: Reports + Records Date 8-9-51

To: _____ Date _____

To: _____ Date _____

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To: _____ Date _____

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To: _____ Date _____

To: _____ Date _____

DO NOT DETACH

CONTROLLED DOCUMENT

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1475-X

To: Reports and Records Branch F. B. Searle

From: LEAD ZINC BRANCH

Date: JUL 6 1951

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

Forwarded to

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

On hand, To be denied

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

350

a. E. C.

AUG 10 1951

Memorandum

Re: DMA-1475X

To: Reports and Records Unit
Administrative Management Division

F. B. Searle
Claim in SE Pitkin Co., Colorado
Exploration loan $4,000
Lead

From: Lead-Zinc Branch

Subject: Denial of exploration loan

The deposit is a fissure vein from 5 inches "to more than a foot wide", on which a 45 foot shaft has been sunk, with a 40 foot drift on the vein at the bottom. Although the country rock is not stated, study of "Mineral Resources of Colorado" (by Vanderwilt) together with geologic map of Colorado suggests very strongly that vein is in pre-Cambrian granite and schist. Mine is 2 miles by mountain trail from a road, and ore has to be packed out. Ore is galena, with some zinc, and runs as high as 240 ounces in silver. There is also a thin hanging wall vein of chalcopyrite that runs very high in gold. Total values run as high as $1500 per ton.

Applicant proposes, for a total of $4,000, to repair timber in shaft and shaft collar, and clean out the shaft and drift to reach the ore face; the estimated time to be 3 months.

It is recommended that this application be denied, as it is obviously a gold-silver proposition. An operation on such a narrow vein, where the ore has to be packed out over 2 miles of mountain trail, will not produce much strategic metal. The attached letter should be sent to applicant.

Returned herewith are 3 copies of MF-103, each with 2 attachment sheets.

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Tom Lyon

Tom Lyon, Director
Supply Division

FILE COPY
SURNAME:
350

McKnight
Olcott
Mote
Billings

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

AUG 10 1951

Memorandum

Re: DMA-1475X

To: Reports and Records Unit
Administrative Management Division

F. B. Searle
Claim in SE Pitkin Co., Colorado
Exploration loan $4,000
Lead

From: Lead-Zinc Branch

Subject: Denial of exploration loan

The deposit is a fissure vein from 5 inches "to more than a foot wide", on which a 45 foot shaft has been sunk, with a 40 foot drift on the vein at the bottom. Although the country rock is not stated, study of "Mineral Resources of Colorado" (by Vanderwilt) together with geologic map of Colorado suggests very strongly that vein is in pre-Cambrian granite and schist. Mine is 2 miles by mountain trail from a road, and ore has to be packed out. Ore is galena, with some zinc, and runs as high as 240 ounces in silver. There is also a thin hanging wall vein of chalcopyrite that runs very high in gold. Total values run as high as $1500 per ton.

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It is recommended that this application be denied, as it is obviously a gold-silver proposition. An operation on such a narrow vein, where the ore has to be packed out over 2 miles of mountain trail, will not produce much strategic metal. The attached letter should be sent to applicant.

Returned herewith are 3 copies of MF-103, each with 2 attachment sheets.

BJ 8-10

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Tom Lyon, Director
Supply Division

ETMcKnight:bc
G 8-7-51

Copies to:
Reports & Records U.
Dir. r. file 4214
Br. r. file 4214 GSA
Files
J. H. East, Jr.
Region IV (2)
Chief, Lead-Zinc Br
E. T. McKnight
R. H. Mote

FILE COPY
350 RNAME:

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

McKnight
Kleany
(Cormote)
Billings

AUG 10 1951

Mr. F. B. Searle
1505 East 12th Avenue
Denver, Colorado

Re: DMA-1475

Dear Mr. Searle:

Your application for an exploration loan of $4,000, with 50% to be advanced by the Government to open up your Knight lode claim in Pitkin County has been reviewed by the Defense Minerals Administration.

We find that this mine is essentially a gold-silver prospect, and that the chances of producing any significant amount of lead, zinc, or copper by the work that you propose is not promising, particularly in view of the inaccessible location. We therefore do not believe it to be a justifiable expenditure of public funds to allocate to your project monies that have been appropriated to strengthen national defense. I regret, therefore, that this application must be denied.

We want to thank you for bringing this property to our attention.

Very truly yours,

SIGNED BJ 8-10

Tom Lyons, Director
Supply Division

ETMcKnight:bc
G 8-7-51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight
R. H. Mete
Reports and Records Unit
Director's r. file 4214 GSA
Br. r. file 4214 GSA
Files

AUG 1 0 1951

Memorandum

No: DML-[illegible]

To: Reports and Records Unit
Administrative Management Division

From: Lead-Zinc Branch

F. H. Searle
Chief, [illegible], Colorado
Exploration Loan [illegible]
Lead

Subject: Denial of Exploration Loan

The deposit is a fissure vein from [illegible] inches "to more than a foot wide", on which a [illegible] shaft has been sunk, with a [illegible] drift on the vein at the bottom. Although the property [illegible] attached, study of "Mineral Resources of Colorado" by [illegible] together with geologic map of Colorado suggests very strongly that vein is in pre-[illegible] granite and schists. There is little by potential trail from a road, and ore has to be packed [illegible] a quarter, [illegible] mile. The ore is high in lead and [illegible] silver. There is little or [illegible] [illegible] very high in gold. Total values run [illegible] per ton.

[illegible] prospect, for a total of [illegible], to repair timber in shaft, [illegible] and [illegible] to reach the ore [illegible] the entire [illegible] to be [illegible].

[illegible] the [illegible] approaches [illegible], [illegible] vein, there [illegible] [illegible] and [illegible] should be sent to applicants.

[illegible] [illegible] [illegible] copy [illegible] [illegible] attached sheets.

[illegible], Chief
Lead-Zinc Branch

Concurred:

Tom Lyon
Tom Lyon, Director
Supply Division

Concurrence:
[illegible]
Reports and Records
Dir. r. file [illegible]
Dir. r. file [illegible]
Allen

Copies to:
J. [illegible] West, Jr.
Region IV (2)
Chief, Lead-Zinc Br
[illegible]
R. [illegible]

AUG 1 0 1951

Mr. T. S. Merle
1[illegible]35 East 14th Avenue
Denver, Colorado

Re: [illegible]-44/5

Dear Mr. Merle:

Your application for an exploration loan of $4,000, with 50% to be advanced by the Government to open up your Knight Lode claim in Pitkin County has been reviewed by the Office as a bona fide exploration.

We find that this claim is essentially a placer-lode prospect, and that the chances of producing any significant amount of lead, silver, or copper by the work that you propose are not promising, particularly in view of the inaccessible location. We therefore do not believe it to be a justifiable expenditure of public funds to allocate to your project funds that have been appropriated to strengthen the war effort. I regret, therefore, that this application cannot be approved.

We wish to thank you for bringing this property to our attention.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

[illegible]:bigatsbo
8-7-51
Copies to: J. D. East, Jr. Region IV (2)
Chief, Land-Mine Br.
E. D. Wright
R. [illegible] Pete
Reports and Records [illegible]
Director's r. file [illegible]
Jr. r. file [illegible]
Files

FILE COPY
SURNAME:

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

June 15, 1951

Mr. F. B. Searle
1505 E. 12th Avenue
Denver, Colorado

Subject: DMA-1475X
Re: Exploration Loan
Knight Lode No. 1, 2,
and Shepard No. 1, 2

My dear Mr. Searle:

Receipt is acknowledged of your application and attachments of May 28, 1951, from yourself and Mr. Edwin S. Masters, for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1475X and was referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 6, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1475X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

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

FILE COPY
SURNAME:

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

June 11, 1951

Mr. G. C. Ridland
Geological Engineer
Cold Spring Tungsten, Inc.
1406 Pearl Street
Boulder, Colorado

Subject: DMA-1447X
Re: Exploration Loan
Cold Spring Mine

My dear Mr. Ridland:

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-1447X and referred to Mr. P. R. Bradley, Chief, Tungsten Branch, on June 5, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1447X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:hb

Copy to: Mr. Strobel
Mr. Lyon
Mr. Bradley
Files

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-1475X

Date received 6/4/51

Participation

F. B. SEARLE, 1505 E. 12th Ave., Denver, Colo.

EDWIN S. MASTERS, 8219 Palmera, El Paso, Texas

Name and address of applicant

Date May 28th, 1951

FILL IN THIS BLOCK

Date of application May 28th, 1951

Estimated cost $4,000.00

Mineral or metal Metal

Percentage of Government participation 50%

Location of mine Pitkin County, Colo.

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. F.B.Searle, and Edwin S. Masters

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. Not incorporated

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

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

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. Does not apply

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. profit to date No liabilities, no/

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)? $2,000.00. 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.

(*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. None available

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

(*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: None

	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? (See supplement)

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. (See supplement)

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. (See supplement)

(*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. (See supplement)

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] (Signature of authorized official)
May 28th, 1961 (Date)	Owners (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

ANSWERS TO QUESTIONS ON FORM MP-103

No. 4. F. B. Searle. Several years mining and prospecting; also some business experience. Edwin S. Masters, Mining Engineer, about 15 years experience.

No. 10. This property consists of 4 located claims laying approximately end to end and extending in a southeasterly direction from Grizzly Lake across Grizzly creek to a point in Grizzly canon near the junction of the Elk Mountains with the Sa watch range at the east end of Pitkin County. All these claims are in the State of Colorado.

No. 11. Knight Lode No. 1; Knight Lode No. 2; Shepard No. 1 and Shepard No. 2.

No. 12. These claims are located in the southeastern part of Pitkin County about 50 miles from Leadville and 20 miles from Aspen. Shipping service available at both points.

About 10 miles from hard surfaced road, connection to hard surfaced road by a best 5 miles of dirt road and 2 miles of trail, which could be made available for a road.

No. 13. Plenty of water available for all purposes. Grizzly creek flows through this property.

No. 14. Cabin furnished and equipped to accomodate 2 men, good supply of hand tools and hand equipment.

No. 15. Practically all the ore that has been mined in this district was high grade, which was sorted and packed out about 2 miles to where it could be loaded onto a truck or ore wagon and taken to the smelter at Leadville; it could also be shipped from Aspen.

No. 16. The Knight Lode, now known as Knight Lode No. 1, was located and filed on by H.L. Knight and F. B. Searle October 11, 1939. The Shepard, which is now the Shepa rd No. 1, was located and filed on by Edwin S. Masters, July 8, 1934, and was later covered by an amended filing by Edwin S. Masters and F. B. Searle, Aug. 30, 1949.

Knight Lode No. 2 and Shepard No. 2, were located and filed on by F.B.Searle and Edwin S. Masters Aug. 30, 1949. Assessment work has been kept up to date on these claims.

There was considerable work done on the Knight Lode, starting probably around 1886 but we have no definite record of this. We know that this claim was worked in the summer of 1934 and 1935 and several thousand dollars in high grade ore was taken out. There are 3 tunnels and 1 shaft on this claim. The shaft is about 45 ft. deep with a drift on the vein about 40 ft. long.

This district was prospected and some mining done in 1886. This is proven by the fact that I own 2 patented claims adjoining which were patented in 1886. There is evidence of plenty of good ore in this district and operations were no doubt suspended on account of the low price of silver and other metals and the high cost of transportation and treating of the ore at that time.

No. 18. The ore in the drift at the bottom of the Knight Lode. This ore is a fissure vein from 5" to more than a foot wide and while we have not progressed with our cleaning out far enough to get a good sample out of the vein, we have found many samples in the shaft and the dump. This ore is a Galena and a Barite gangue, and samples run as high as 240 ounces silver, 10% lead, 6% zinc, and some copper.

No. 19 Cont'd.

Spectograph tests also show some antimony and an estimate of 1% tin. There is also a large deposit of low grade iron ore on one of these claims. It is the opinion of the last Mining Engineer that examined this property that the contact that is responsible for these ore deposits can be traced for more than a mile across the canon and up Grizzly Mountain.

No.19. Our main handicap in working this property is due to no road for over 2 miles, and by bad weather conditions in the winter. However, this is in the Holy Cross National Forest and we hope to get some help in opening up this road when we get into production.

No.20. Copper, lead, zinc, tin, antimony and iron.

No.21. Cleaning out shaft and drift; repairing timber in shaft and shaft collar; opening up drifts so vein can be properly worked. Shaft and drift are open to the vein but considerable dirt and rock must be removed and props renewed. Thirty to sixty days actual work will be required to clean out and open up vein.

No.22. My partner, who is a mining engineer, and is at present time tied up on a job in Texas authorizes me to make this statement.

The principal ore in these claims is a galena in a Barite gangue in lenses running deep down and more or less vertical. Ore values will run from $36 per ton to $250 per ton, ~~x~~ in silver, lead and zinc. Between this vein and the hanging wall is a small vein of Calchopyrite that runs very high in gold and copper. Total values have run as high as $1500 per ton in silver, lead, zinc, copper and gold. These claims have a well known characteristic of the good mines of Pitkin County.

No.23. (a) One miner and one laborer.
(b) Myself or partner.
(c) $100.00.
(d) None.
(e) ~~[illegible]~~ $3,000.00.
(f) None.
(g) Do not know.
(h) $100.00.
(I) None.

No.24. Three months time should prove this property and put it into production in a small way.

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-1475 X

Date received 6/4/51

Participation

F. B. SEARLE, 1606 E. 12th Ave., Denver, Colo.

EDWIN S. MASTERS, 8210 Palmera, El Paso, Texas

Name and address of applicant

Date May 28th, 1951

FILL IN THIS BLOCK

Date of application May 28th, 1951

Estimated cost $4,000.00

Mineral or metal Metal

Percentage of Government participation 50%

Location of mine Pitkin County, Colo.

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. F.B.Searle, and Edwin S. Masters

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. Not incorporated

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

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

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. Does not apply

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. Profit to date

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

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)? $2,000.00. 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

JUN 6 1951

5

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

	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? (See supplement)

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. (See supplement)

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. (See supplement)
    (*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. (See supplement)

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] (Signature of authorized official)
May 28th, 1951 (Date)	Owners (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

ANSWERS TO QUESTIONS ON FORM MP-103

No. 4. F. B. Searle. Several years mining and prospecting; also some business experience. Edwin S. Masters, Mining Engineer, about 15 years experience.

No. 10. This property consists of 4 located claims laying approximately end to end and extending in a southeasterly direction from Grizzly Lake across Grizzly creek to a point in Grizzly canon near the junction of the Elk Mountains with the Sa watch range at the east end of Pitkin County. All these claims are in the State of Colorado.

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No. 14. Cabin furnished and equipped to accomodate 2 men, good supply of hand tools and hand equipment.

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There was considerable work done on the Knight Lode, starting probably around 1885 but we have no definite record of this. We know that this claim was worked in the summer of 1934 and 1935 and several thousand dollars in high grade ore was taken out. There are 3 tunnels and 1 shaft on this claim. The shaft is about 45 ft. deep with a drift on the vein about 40 ft. long.

This district was prospected and some mining done in 1885. This is proven by the fact that I own 2 patented claims adjoining which were patented in 1885. There is evidence of plenty of good ore in this district and operations were no doubt suspended on account of the low price of silver and other metals and the high cost of transportation and treating of the ore at that time.

No. 18. The ore in the drift at the bottom of the Knight Lode. This ore is a fissure vein best from 5" to more than a foot wide and while we have not progressed with our cleaning out far enough to get a good sample out of the vein, we have found many samples in the shaft and the dump. This ore is a Galena and a Barite gangue, and samples run as high as 240 ounces silver, 10% lead, 6% zinc, and some copper.

No. 19 Cont'd.

Spectograph tests also show some antimony and an estimate of 1% tin. There is also a large deposit of low grade iron ore on one of these claims. It is the opinion of the last Mining Engineer that examined this property that the contact that is responsible for these ore deposits can be traced for more than a mile across the canon and up Grizzly Mountain.

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No.23. (a) One miner and one laborer.
(b) Myself or partner.
(c) $100.00.
(d) None.
(e) ~~Amount~~ $3,000.00.
(f) None.
(g) Do not know.
(h) $100.00.
(I) None.

No.24. Three months time should prove this property and put it into production in a small way.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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-1475 X

Date received 6/4/51

Participation

F. B. SEARLE, 1505 E. 12th Ave., Denver, Colo.

EDWIN S. MASTERS, 8219 Palmera, El Paso, Texas

Name and address of applicant

Date May 28th, 1951

FILL IN THIS BLOCK

Date of application May 28th, 1951

Estimated cost $4,000.00

Mineral or metal Metal

Percentage of Government participation 60%

Location of mine Pitkin County, Colo.

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. F.B.Searle, and Edwin S. Masters

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. Not incorporated

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

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

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. Does not apply

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 liabilities, no profit to date

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)? $2,000.00. 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.
    (*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. None available
    (*b*) State briefly the known history and production of adjoining and neighboring properties. None available
    (*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: None

	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? (See supplement)

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. (See supplement)

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. (See supplement)
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
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    (*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.
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    (*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.
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CERTIFICATION

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

(Name of company)	By H B Beale (Signature of authorized official)
May 28th, 1951 (Date)	Owners (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

ANSWERS TO QUESTIONS ON FORM MF-103

No. 4. F. B. Searle. Several years mining and prospecting; also some business experience. Edwin S. Masters, Mining Engineer, about 15 years experience.

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No. 19- Cont'd.

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(b) Myself or partner
(c) $100.00
(d) None
(e) $3,000.00
(f) None
(g) Do not know
(h) $100.00
(i) None.

No. 24. Three months time should prove this property and put it into production in a small way.

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-1475X

Date received 6/4/51

Participation

F. B. SEARLE, 1505 E. 12th Ave., Denver, Colo.

EDWIN S. MASTERS, 8219 Palmera, El Paso, Texas

Name and address of applicant

Date May 28th, 1951

FILL IN THIS BLOCK

Date of application May 28th, 1951

Estimated cost $4,000.00

Mineral or metal Metal

Percentage of Government participation 50%

Location of mine Pitkin County, Colo.

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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*2. If a partnership, state names and addresses of partners. F.B.Searle, and Edwin S. Masters

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

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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.

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16—64067-1

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

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