Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1396

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

EXPLORATION LOAN

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 DIVISION ~~Date AUG. 6, 1951~~

To: Reports + Records ~~Date~~ 8-9-51

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CONTROLLED DOCUMENT

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

AUG 10 1951

Q. E. C.

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

Re: DMA-1396
C. W. Burcham
Gold Basin District
(north of Wallapai district)
Exploration loan, $15,000
Lead

Applicant proposes to contribute his labor, as a supervisor, for his half of the project. Costs are approximately as follows, as near as they can be supplied by reviewer:

Repair to small house on property	$ 1,500
Construction of additional facilities	1,000
New equipment	300
Rental of equipment	200
Rental of operator's equipment (none listed)	75
Small tools	30
Miner's salary, $13.50 per day, for 6 months (no total given)	2,000 (?)
Supervisor's salary for 6 months, rate not stated	2,000 (?)
Other items (sic)	8,400
	$15,505

Obviously, applicant's salary, at about $2000, is not sufficient to pay half of this cost.

The prospect is in the Gold Basin district which is a poor extension of the Wallapai (Chloride) district to the north. The deposits are quartz veins containing gold and a little lead, copper, molybdenum and vanadium, chiefly as oxidized minerals. The veins occur in pre-Cambrian crystalline rocks. The base metals have not been important enough to warrant any development below the oxidized zone. Applicant proposed to drive 200 feet of shaft, 100 feet of drift.

As part of the review of the Tennessee-Schuylkill application (DMA 25 and 50) and of the Mohave Metal Mining and Reduction Company's application (DMA-494), both of which included proposals for custom milling, the field team made a thorough study of the whole Wallapai district. The field team concluded that the veins in the base metal

sulfide zone are submarginal under present metal prices and costs. The sulfide ore shoots in the veins are comparatively short and narrow. The field team recommended that no loan for exploration of base metals in the district be made. Although a blanket recommendation of this type must be applied with caution when extended beyond the immediate limits of the studied area, the geologic occurrence in the Gold Basin area to the north is identical with that in the Chloride area and the history of the camp has been that of a poorer district in which deeper development on the veins has not even been attempted. The chief objective of the proposed exploration would be gold in the oxidized zone.

It is, therefore, recommended that the application be denied, and that the attached letter be sent to applicant.

Returned herewith are: 3 copies MF-103 without any attached sheets.

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Director, Supply Division

AUG 10 1951

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

Per: L-1396
Re: Purchase
Gold Basin District
(North of Silsbee
District)
Exploration Loan, $15,000
Loan

Applicant proposes to contribute his labor, as a miner, for the life of the project. Costs are approximately as follows, as near as they can be supplied by reviewers:

Repair to small house on property	$ 1,500
Construction of additional facilities	1,000
New equipment	500
Rental of equipment	200
Rental of operator's equipment (none listed)	75
Small tools	50
Miner's salary, $1,500 per mo., for 6 months (no total given)	9,000
Superintendent's salary for 6 months, rate not stated	1,500
Other items (none)	[illegible]
	$15,525

Obviously, applicant's salary, at about $1,500, is not sufficient to pay half of this cost.

The prospect is in the Gold Basin district which is a poor extension of the Sellsbee (Chloride) District to the north. The deposits are quartz veins containing gold and a little lead, copper, molybdenum and vanadium, chiefly as oxidized minerals. The veins occur in pre-Cambrian crystalline rocks. The base metals have not been important enough to warrant any development below the oxidized zone. Applicant proposes to drive 200 feet of shaft, 100 feet of drift.

As part of the review of the Tennessee-Phoenix Mining Operation (L-25 and 50) and of the Arizona Metal Mining and Reduction Company's application (L-[illegible]), both of which included proposals for custom milling, the Field Team made a thorough study of the whole Sellsbee District. The Field Team concluded that the veins in the base metal

sulfide zone are submarginal under present metal prices and costs. The sulfide ore shoots in the veins are comparatively short and narrow. The field team recommended that no loan for exploration of base metals in the district be made. Although a blanket recommendation of this type must be applied with caution when extended beyond the immediate limits of the studied area, the geologic occurrence in the Gold Basin area to the north is identical with that in the Chloride area and the history of the camp has been that of a poorer district in which deeper development on the veins has not even been attempted. The chief objective of the proposed exploration would be gold in the oxidized zone.

It is, therefore, recommended that the application be denied, and that the attached letter be sent to applicant.

Returned herewith are: 3 copies MF-103 without any attached sheets.

[illegible] Williams, Chief
Executive Branch

Approved:

Tom Lyon

Director, Supply Division

JMKnightcap
6-3-71

Copies to: [illegible] West, Jr Region IV (2)
Chief, Lead-Zinc Br.
[illegible] McKnight 4204 GSA
[illegible] Mote
Reports & Records
Directors r. file 4204 GSA
Br. r. file 4204 GSA
Files

FILE COPY
SURNAME: 350

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

McKnight
Billings
O'Leary
(for Mote)

AUG 10 1951

Re: DMA-1396X

A. E. C.

Mr. C. W. Burcham
Box 681
Kingman, Arizona

Dear Mr. Burcham:

Your application for a Government exploration loan, on which you propose to contribute your share as work, has been reviewed by the Defense Minerals Administration.

Vanadium is not a critical material that is eligible for aid under this exploration program. Lead and molybdenum are eligible for 50 per cent Government aid. However, your contribution as a supervisor of the proposed project is insufficient to meet half of the $15,000 that the project will cost. Furthermore, the proposed work is in an unfavorable geologic setting for the discovery of significant amounts of lead or molybdenum and the chief value of the ore is likely to be in gold. Under these circumstances we do not consider a Government loan on your proposal to be a justifiable expenditure of public funds that have been appropriated for national defense, and I regret that the loan must be denied.

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

Very truly yours,

Tom Lyon BJ 8-10

Tom Lyon, Director
Supply Division

ETMcKnight:emp
G 8-3-51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

AUG 10 1951

Ref: [illegible]-1396X

Mr. [illegible] Burnham
Box [illegible]
Kingman, Arizona

Dear Mr. Burnham:

Your application for a Government exploration loan, on which you propose to contribute your share as work, has been reviewed by the Strategic Minerals Administration.

Vanadium is not a critical material that is eligible for aid under this exploration program. Lead and molybdenum are eligible for 50 per cent Government aid. However, your contribution as a supervisor of the proposed project is insufficient to meet half of the $15,000 that the project will cost. Furthermore, the proposed work is in an unfavorable geologic setting for the discovery of significant amounts of lead or molybdenum and the chief value of the ore is likely to be in gold. Under these circumstances we do not consider a Government loan on your proposal to be a justifiable expenditure of public funds that have been appropriated for national defense, and I regret that the loan must be denied.

I wish to thank you for bringing this project to our attention.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

[illegible]McKnight:cmp
8-3-51

Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
[illegible] McKnight 4F04 GSA
H. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

AUG 10 1951

McKnight
Bullinger
O'Leary
(For Note)

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

Re: DMA-1396
C. W. Burcham
Gold Basin District
(north of Wallapai district)
Exploration loan, $15,000
Lead

Applicant proposes to contribute his labor, as a supervisor, for his half of the project. Costs are approximately as follows, as near as they can be supplied by reviewer:

Repair to small house on property	$ 1,500
Construction of additional facilities	1,000
New equipment	300
Rental of equipment	200
Rental of operator's equipment (none listed)	75
Small tools	30
Miner's salary, $10.50 per day, for 6 months (no total given)	2,000 (?)
Supervisor's salary for 6 months, rate not stated	2,000 (?)
Other items (sic)	8,400
	$15,505

Obviously, applicant's salary, at about $2000, is not sufficient to pay half of this cost.

The prospect is in the Gold Basin district which is a poor extension of the Wallapai (Chloride) district to the north. The deposits are quartz veins containing gold and a little lead, copper, molybdenum and vanadium, chiefly as oxidized minerals. The veins occur in pre-Cambrian crystalline rocks. The base metals have not been important enough to warrant any development below the oxidized zone. Applicant proposed to drive 200 feet of shaft, 100 feet of drift.

As part of the review of the Tennessee-Schuylkill application (DMA 25 and 50) and of the Mohave Metal Mining and Reduction Company's application (DMA-494), both of which included proposals for custom milling, the field team made a thorough study of the whole Wallapai district. The field team concluded that the veins in the base metal

sulfide zone are submarginal under present metal prices and costs. The sulfide ore shoots in the veins are comparatively short and narrow. The field team recommended that no lean for exploration of base metals in the district be made. Although a blanket recommendation of this type must be applied with caution when extended beyond the immediate limits of the studied area, the geologic occurrence in the Gold Basin area to the north is identical with that in the Chloride area and the history of the camp has been that of a poorer district in which deeper development on the veins has not even been attempted. The chief objective of the proposed exploration would be gold in the oxidized zone.

It is, therefore, recommended that the application be denied, and that the attached letter be sent to applicant.

T. P. Billings, Chief
Lead-Zinc Branch

Approved: Tom Lyon

Director, Supply Division

ETMcKnight:emp
G 8-3-51
Copies to: J. H. East, Jr Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

June 12, 1951

Mr. G. M. Burcham
P. O. Box 681
Kingman, Arizona

Dear Mr. Burcham:

Referring to your letter of May 22 in regard to application forms for a Government loan, we are enclosing loan forms, MP-100 and MP-102.

Sincerely yours,

James A. Barr, Sr., Chief
Industrial Minerals Branch

Enclosures

mp
cc: Mr. Strobel
Mr. Barr
DMA Files

FILE COPY
SURNAME:

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

June 11, 1951

Mr. C. W. Burcham
Box 681
Kingman, Arizona

Subject: DMA-1396X
Re: Exploration Loan

Dear Mr. Burcham:

Receipt is acknowledged of your application and attachments of May 26, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1396X and referred to Mr. Weston Bourret, Chief, Minor & Rare Metals Branch, on June 4, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1396X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:hb

Copy to: Mr. Strobel
Mr. Lyon
Mr. Bourret
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. dmm 1396 X

Date received 5-31-51

Participation

MR. C. W. BURCHAM
BOX 681
KINGMAN, ARIZONA

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $15,000.00

Mineral or metal Vanadium, lead, molybdate

Percentage of Government participation As much as possible. Contribute my work and time.

Location of mine Gold Basin Mining District 60 miles north of Kingman, Arizona

Date of filing MF-100

DMA Docket Number, if available dmm 1396 X

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. (a) general mining (b) myself

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

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

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

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. no 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)? my work

*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. Beryllium in Wallapai District

(*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. S. 28, T. 28 N. R. 18 W.

*11. State the present and former names of the property, if any. Extention #1. Have deed.

*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. Gold Basin District. 60 miles. Good road.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Water available. No power. 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. 1 small house

15. State in detail how the ore could be shipped and how and where milled. Have to be milled on property.

*16. History: Has 60 ft. short drift. Ore was shipped.

(*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: None

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

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

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

(*a*) Describe the ore or mineral deposits briefly. The metal vanadium, lead, molybdate & gold.

(*b*) Submit available maps and assay data. None available

(*c*) Give estimated tonnage and grade of each class of ore reserves. Don't know.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions. It has possibilities of developing large ore body.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Vanadium, lead, molybdate.

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200ft. shaft, 100 ft. drifts. 6 months.

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. Sinking on ore.

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. Miners $13.50

(*b*) Supervisors, by numbers and positions, with salaries of each. By self.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. $1500.00

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $1000.00

(*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. $300.00

(*f*) Cost of rental for equipment which the operator proposes to rent. $200.00

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $75.00

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. Small tools $30.00

(*i*) Cost of power, water, utilities, and any other items not provided for above. 6 months $8400.00

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.

By _____

(Name of company) (Signature of authorized official)

_____ _____

(Date) (Title)

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

*Same as footnote on page 1.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON 25, D. C.

May 8, 1951

Mr. C. A. Turdett
Box 202
Sanderson, Texas

Dear Mr. Turdett:

This will acknowledge your letter dated April 17, 1951 concerning the sale of your manganese ore.

At the present time, there is no approved plan for setting up a purchase depot at El Paso. However, the International Mining Corporation, 50 Broadway, New York, N. Y. contemplates purchasing Mexican manganese ore delivered at El Paso. It is suggested that you contact this firm through Mr. James Roth, Vice President at the foregoing address.

Very truly yours,

P. R. Bradley

P. R. Bradley, Jr.
Chief, Manganese Branch

TJBallard:ec

CC: Adm. Reading File
Mr. Bradley
Mr. Strobel
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 1396 X

Date received 5-31-51

Participation

MR. C. W. BURCHAM
BOX 681
KINGMAN, ARIZONA

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $15,000.00

Mineral or metal Vanadium, lead, molybdate

Percentage of Government participation As much as possible. Contribute my work and time.

Location of mine Gold Basin Mining District 60 miles north of Kingman, Arizona

Date of filing MF-100

DMA Docket Number, if available dma 1396 X

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. (a) general mining (b) myself

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

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

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

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. no 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)? my work

*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

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. Beryllium in Wallapai District.
    (*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. S. 28, T. 28 N. R. 18 W.

*11. State the present and former names of the property, if any. Extention #1. Have deed.

*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. Gold Basin District. 60 miles. Good road.

*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. Water available. No power.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. 1 small house

15. State in detail how the ore could be shipped and how and where milled. Have to be milled on property.

*16. History: Has 60 ft. short drift. Ore was shipped.
    (*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: None
    (*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly. The metal vanadium, lead, molybdate & gold.
    (*b*) Submit available maps and assay data. None available
    (*c*) Give estimated tonnage and grade of each class of ore reserves. Don't know.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.
    It has possibilities of developing large ore body.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Vanadium, lead, molybdate.

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200ft. shaft, 100 ft. drifts. 6 Months.
    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.
    Sinking on ore.

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. Miners $13.50
    (*b*) Supervisors, by numbers and positions, with salaries of each. My self.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings. $1500.00
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $1000.00
    (*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. $300.00
    (*f*) Cost of rental for equipment which the operator proposes to rent. $200.00
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $75.00
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. small tools $30.00
    (*i*) Cost of power, water, utilities, and any other items not provided for above. 6 Months $8400.00

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.

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

---------- ----------
(Date) (Title)

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

*Same as footnote on page 1.

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

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1396 X

Date received 5-31-51

Participation

MR. C. W. BURCHAM
BOX 681
KINGMAN, ARIZONA

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $15,000.00

Mineral or metal Vanadium, lead, molybdate

Percentage of Government participation As much as possible. Contribute my work and time.

Location of mine Gold Basin Mining District 60 miles north of Kingman, Arizona

Date of filing MF-100

DMA Docket Number, if available dma 1396 X

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. (a) general mining (b) myself

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

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

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

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. no 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)? my work

*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. Beryllium in Wallapai District

(*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. S. 28, T. 28 N. R. 18 W.

*11. State the present and former names of the property, if any. Extention #1. Have deed.

*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. Gold Basin District. 60 miles. Good road.

*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. Water available. No power.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. 1 small house

15. State in detail how the ore could be shipped and how and where milled. Have to be milled on property.

*16. History: Has 60 ft. short drift. Ore was shipped.

(*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: None

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

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

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

(*a*) Describe the ore or mineral deposits briefly. The metal vanadium, lead, molybdate & gold.

(*b*) Submit available maps and assay data. None available

(*c*) Give estimated tonnage and grade of each class of ore reserves. Don't know.

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

It has possibilities of developing large ore body.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Vanadium, lead, molybdate.

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 200ft. shaft, 100 ft. drifts. 6 Months.

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.

Sinking on ore.

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. Miners $13.50

(*b*) Supervisors, by numbers and positions, with salaries of each. My self.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. $1500.00

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $1000.00

(*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. $300.00

(*f*) Cost of rental for equipment which the operator proposes to rent. $200.00

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. $75.00

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. small tools $30.00

(*i*) Cost of power, water, utilities, and any other items not provided for above. 6 Months $3400.00

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.

---------- By ----------

(Name of company) (Signature of authorized official)

---------- ----------

(Date) (Title)

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

*Same as footnote on page 1.

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

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

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Participation

MR. C. W. BURCHAM
BOX 681
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Name and address of applicant

Date May 26, 1951

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Date of application May 26, 1951

Estimated cost $15,000.00

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Percentage of Government participation As much as possible. Contribute my work and time.

Location of mine Gold Basin Mining District 60 miles north of Kingman, Arizona

Date of filing MF-100

DMA Docket Number, if available dma 1396X

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(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. small tools $30.00

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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.

---------- By ----------

(Name of company) (Signature of authorized official)

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(Date) (Title)

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