DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip IRON

CONTROLLED DOCUMENT

DMA Docket No. 1891 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

APPLICATION FOR EXPLORATION PROJECT

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

Routing Slip

To:	Iron ~~Ore Br.~~ + Ferro Alloys	Date	11-17-51 7/30/51
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DO NOT DETACH

CONTROLLED DOCUMENT

FILE COPY
SURNAME:

Selfridge.

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

MAR 5 1952

Mr. L. E. Turner
Turner-McConnell Mining Co.
Sitka, Arkansas

Re: Docket No. DMA 1891 X - Iron
Sharp County, Arkansas

Dear Mr.Turner:

In accordance with the advice received from you on March 3, we have removed your application from the active file and now consider the docket closed.

Sincerely yours,

E.L. 3/5/52

C. O. Mittendorf (for)

Acting Administrator
Defense Minerals Exploration
Administration

LScott 3/3/52

cc: Admn. Reading File
Docket
Martha Carr, USGS
N. B. Melcher, USBM
G. C. Selfridge
Field Team, Region VI

S.A.

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

FEB 6 1952

Mr. L. E. Turner
Turner-McConnell Mining Company
Sitka, Arkansas

Re: DMA 1891X - Iron
Sharp County, Arkansas

Dear Mr. Turner:

Our files on the above noted application show that a request for information was sent you on August 14, 1951, and on October 2, 1951, and that no answer has yet been received.

If you intend to complete your application, please supply us with the requested information. If you do not desire to complete your application, a letter to this effect will enable us to withdraw your application, without prejudice.

Sincerely yours,

G. C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Please withdraw my application, without prejudice, from your files.

Turner-McConnell Mining Company.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 3 - 1952

FILE COPY
SURNAME:

Brewer
Selfridge
Stitt

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

FEB 6 1952

Mr. L. D. Turner
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Sitka, Arkansas

Re: DMA 1891X - Iron
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Sincerely yours,

SIGNED

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

QLBrewer'lm
2/5/52

cc: Admn. Reading File
2-6-52 Docket
S.O. N. B. Melcher, USBM
T. P. Thayer, USGS
Field Team Reg. VI
G. C. Selfridge
Q. L. Brewer

IN REPLY REFER TO:

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

February 1, 1952

To: George E. Selfridge, DMEA

From: Martha Carr, USGS

Subject: Exploration application $1,000 DMA 1891X -- Iron ore
L. E. Turner,
Sitka, Arkansas

Property: The area that the applicant proposes to prospect is not outlined by him, but he indicates it is in the same general area of the property that he is now actively mining under lease. This property is described as:

> NE¼ of SW¼, SE¼ of SW¼, SW¼ of SE¼, NW¼ of SE¼, NW¼ of SE¼, SW¼ of NE¼, all in sec. 29, T. 18 N., R. 4 W., Sharp County, Ark., comprising about 200 acres.

Proposal: The applicant desires a Government loan of $500 to assist him in prospecting "numerous other deposits equally as promising" as the deposit he is now mining, which he says is a fair deposit of limonite but will not exceed 40,000 tons.

Geology: The country is rolling, and the ore, which is limonite, generally occurs on or near the tops of hills or ridges in sandstones, cherts, and limestones. These isolated deposits are separated by much greater areas which are barren. Analyses of the ore show a range of 25-58 percent iron; also a variable content of silica and phosphorus; and sulphur which does not appear to be excessively high. The ore varies also in physical character from a comparatively pure ore to a ferrugin-sandstone, and it commonly occurs in lumps scattered through the clay.

Recommendation: Although there may be an appreciable tonnage of brown ore in the whole general area to which the applicant refers, the deposits are scattered and generally of comparatively small size. Trenching is more effective than drilling in determining the thickness, extent, and continuity of the deposits. Mining difficulties are not great, but the ore must be hand picked or washed. It is doubtful that a large tonnage could be produced at the estimated cost of $1,000.

Martha Carr

1 copy removed for file

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

February 1, 1952

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From: Martha Carr, USGS

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cc: Director's Reading File
Ferrous Metals File
DMEA File (3)
Branch

Martha Carr:bbk G 2/1/52

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

JAN 29 1952

Mr. T. P. Thayer
U. S. Geological Survey
Room 5214, GSA Building
Washington 25, D. C.

Re: Docket No. DMA 1891X - Iron Ore
Sharp County
Sitka, Arkansas

Dear Mr. Thayer:

Enclosed herewith please find the docket papers pertaining to an application from Mr. L. E. Turner for the purpose of prospecting various iron ore outcrops situated in Sharp County, Arkansas, as designated by Mr. Turner's letter dated September 24, 1951, and addressed to Mr. Paul Pesonen, Chief, Iron Ore Branch.

We would like to inquire whether or not the USGS has any information on iron ore deposits in this area and will appreciate having the benefit of your opinion.

Sincerely yours,

G. C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures

FILE COPY
SURNAME:

Gentry
Selfridge

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

Mr. T. P. Thayer
U. S. Geological Survey
Room 5214, GSA Building
Washington 25, D. C.

Re: Docket No. DMA 1891X - Iron Ore
Sharp County
Sitka, Arkansas

Dear Mr. Thayer:

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We would like to inquire whether or not the USGS has any information on iron ore deposits in this area and will appreciate having the benefit of your opinion.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

Enclosures

GGGentry'lm
1/28/52

cc: Admn. Reading File
Docket
G. C. Selfridge
G. G. Gentry

360
FILE COPY
DMA-1891
SURNAME:

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

Pesonen

OCT 2 1951

Mr. L. E. Turner
Turner-McConnell Mining Company
Sitka, Arkansas

Subject: DMA-1891 - Application for Exploration Loan.

My dear Mr. Turner:

Your letter of September 24, 1951, concerning your application for exploration loan dated July 23, 1951, has been received.

Until the information requested in the attached copy of a letter to you dated August 14, 1951, from Mr. Paul E. Pesonen, Acting Chief of the Iron Ores Branch, has been received no further consideration can be given to your application.

Your application for priorities to secure parts and new mining machinery must be made directly to the Requirements Division of the Defense Minerals Administration, Room 2465, New Interior Building, Washington 25, D. C., in duplicate. It will be necessary for you to list the supplies needed and the supplier's name and address, showing the price of each item. You should also submit documentary evidence and justification for these supplies, showing the tonnages that you expect to produce and the purchase agreements that you have with the buyer.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

PEPesonen:md
9/27/51
Copy to: Acting Administrator
Mr. Lyon
Mr. Pesonen
Reports & Records
Docket

360

Reports & Records

FILE COPY
SURNAME:

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

Reviewed

August 14, 1951

A.E.C

Mr. L. E. Turner
2933 Lee Avenue
Little Rock, Arkansas

Subject: DMA-1891 - Application for Exploration Loan.

My dear Mr. Turner:

Your application, dated July 23, 1951, for a loan of $500 to explore an iron ore prospect, the cost of which is estimated to be $1,000, has been reviewed by the Iron Ores Branch.

In order that your application can receive prompt consideration, it will be necessary for you to furnish the information requested in the application form in complete detail, which you have failed to do.

You will appreciate that the merits of your application are, to a great part, based upon the information submitted in your application, and the details are essential to us so that we can make a proper decision as to the merits of your project.

For instance, you state under question 5 that you are neither the owner nor lessee of the property, but fail to explain under what conditions you are entitled to enter and prospect the property. Kindly furnish us with a legal description of the property, ownership, and if held by lease or option a copy of the legal document must be submitted. Any liens, claims or encumbrances on the property must also be explained.

A brief description should be made, if possible, of the mode of occurrence, probable extent, depth, and quality of the iron ore.

You should also submit a map of the area to be explored, showing the locations of the exploration (test pits or drill holes), and the detailed costs of each item of work, as requested in question 23 of the application form.

Further processing of your application will await the receipt of this information. Providing this information is not received within 30 days, we will assume that you have with-drawn your application.

Kindly fill out the attached copies of form MF-100 and return to this office in quadruplicate.

Sincerely yours,

Paul E. Pesonen, Acting Chief
Iron Ores Branch

Enclosure

PEPesonen:md

Copy to: Acting Administrator
Mr. Lyon
Docket
Reports & Records
Mr. Pesonen
DMA Field Team, Region VI

FILE COPY
SURNAME:

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

July 30, 1951

Mr. L. E. Turner
2933 Lee Avenue
Little Rock, Arkansas

Subject: DMA-1891
Re: Exploration Loan

My dear Mr. Turner:

Receipt is acknowledged of your application and attachments of July 23, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1891 and referred to Mr. Paul Pesonen, Chief, Iron Ore Branch on July 30, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1891.

Sincerely yours,

SIGN JT 7/30

Robert E. Adams
Chief, Reports & Records Unit

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

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/ 1891 (?)

Date received

Participation

L. E. TURNER
2933 Lee Ave.,
Little Rock, Ark

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 25 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date 23 July 1951

FILL IN THIS BLOCK

Date of application 23 July 1951

Estimated cost $1,000.00

Mineral or metal Iron ore

Percentage of Government participation 50%

Location of mine There is no mine

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? 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. General Contractor for 5 years

*5. Are you the owner or the lessee of the property? No

6. If owner, state what claims, liens, or encumbrances, if any, are 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. not available

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. Sharp County, Arkansas

(*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. Same

*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. To be explored

*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. To be explored

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

15. State in detail how the ore could be shipped and how and where milled. By rail to Chattanooga.

*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. Unknown

(*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. (where outcrops occur

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Iron ore test pits

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 2 weeks ro one month

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. one Supg. @ $3.50 per hr.

(*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. one backhoe @ $10.00 per hr

(*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.

By L. E. Turner
(Signature of authorized official)
L.E.Turner

(Name of company)

(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 1891

Date received

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 25 1951
LANDON F. STROBEL
Executive Secretary

L. E. TURNER
2933 Lee Ave.,
Little Rock, Ark

Name and address of applicant

Date 23 July 1951

FILL IN THIS BLOCK

Date of application 23 July 1951

Estimated cost $1,000.00

Mineral or metal Iron ore

Percentage of Government participation 50%

Location of mine There is no mine

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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*5. Are you the owner or the lessee of the property? No

6. If owner, state what claims, liens, or encumbrances, if any, are against the property.

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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.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. not available

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

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16—64067-1

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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 L. E. Turner
(Signature of authorized official)
L.E.Turner

(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[redacted] DEPARTMENT OF THE INTER[redacted]R
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 1891

Date received

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 25 1951
LANDON F. STROBEL
Executive Secretary

L. E. TURNER
2933 Lee Ave.,
Little Rock, Ark

Name and address of applicant

Date 23 July 1951

FILL IN THIS BLOCK

Date of application 23 July 1951

Estimated cost $1,000.00

Mineral or metal Iron ore

Percentage of Government participation 50%

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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? 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. General Contractor for 5 years

*5. Are you the owner or the lessee of the property? No

6. If owner, state what claims, liens, or encumbrances, if any, are 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. not available

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. Sharp County, Arkansas

(*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. None

*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. To be explored

*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. To be explored

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

15. State in detail how the ore could be shipped and how and where milled. By rail to Chattanooga.

*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. Unknown

(*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. (where outcrops occur

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Iron ore test pits

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. 2 weeks to one month

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. one Supt. @ $3.50 per hr.

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

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(*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.

(Name of company)

By L. E. Turner
(Signature of authorized official)
L. E. Turner

(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

360 Q.E.C. 9-26

Sitka, Arkansas
24 September 1951

Mr. Paul Pesonen
Chief, Iron Ore Branch
U. S. Department of Interior
Defense Minerals Administration,
Washington 25, D.C.

SUBJECT: DMA-1891
RE: Exploration Loan

Dear Sir:

I am now actively engaged in mining the following lease:

NE¼ of SW¼, SE¼ of SW¼, SW¼ of SE¼, NW¼ of SE¼, NW¼ of SE¼, SW¼ of NE¼, all in Section 29, Township 18 north range 4 west Sharp County, Arkansas, being 200 acres more or less.

I have a fare deposit of limonite on this property but will not exceed 40,000 tons. There are numerous other deposits in this territory equally as promising that I would like to prospect and lease, if they prove out.

I could easily use government help in this exploration as I do not have sufficient funds to do it myself at this time.

I very urgently need a priority to secure bottom dump cars in sufficient numbers and also for parts for existing machinery and to purchase new and additional machinery.

Please give this matter immediate consideration. Hope to hear from you in the very near future.

Sincerely,

TURNER-McCONNELL MINING COMPANY

L. E. Turner

L. E. Turner
Sitka, Arkansas

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
SEP 26 3 42 PM '51

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 1891

Date received

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 25 1951
LANDON F. STROBEL
Executive Secretary

L. E. TURNER
2933 Lee Ave.,
Little Rock, Ark

Name and address of applicant

Date 23 July 1951

FILL IN THIS BLOCK

Date of application 23 July 1951

Estimated cost $1,000.00

Mineral or metal Iron ore

Percentage of Government participation 50%

Location of mine There is no mine

Date of filing MF-100

DMA Docket Number, if available

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(Name of company)

By L. E. Turner
(Signature of authorized official)
L. E. Turner

(Date)

(Title)

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

file

MAR 8 1952

MAR 5 1952

Mr. I. N. Turner
Turner-McConnell Mining Co.
Sitka, Arkansas

Re: Docket No. DMA 1891 I - Iron
Sharp County, Arkansas

Dear Mr.Turner:

In accordance with the advice received from you on March 3, we have removed your application from the active file and now consider the docket closed.

Sincerely yours,

C. O. Mittenderf

Acting Administrator
Defense Minerals Exploration
Administration

LScott 3/3/52

cc: Admn. Reading File
Docket
Martha Carr, USGS
E. B. Melcher, USBM
T. C. Selfridge
Field Team, Region VI

IN REPLY REFER TO:

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

February 1, 1952

To: George E. Selfridge, DMEA

From: Martha Carr, USGS

Subject: Exploration application $1,000 DMA 1891X -- Iron ore
L. E. Turner,
Sitka, Arkansas

Property: The area that the applicant proposes to prospect is not outlined by him, but he indicates it is in the same general area of the property that he is now actively mining under lease. This property is described as:

> NE¼ of SW¼, SE¼ of SW¼, SW¼ of SE¼, NW¼ of SE¼, NW¼ of SE¼, SW¼ of E½, all in sec. 29, T. 18 N., R. 4 W., Sharp County, Ark., comprising about 200 acres.

Proposal: The applicant desires a Government loan of $500 to assist him in prospecting "numerous other deposits equally as promising" as the deposit he is now mining, which he says is a fair deposit of limonite but will not exceed 40,000 tons.

Geology: The country is rolling, and the ore, which is limonite, generally occurs on or near the tops of hills or ridges in sandstones, cherts, and limestones. These isolated deposits are separated by much greater areas which are barren. Analyses of the ore show a range of 25-50 percent iron; also a variable content of silica and phosphorus; and sulphur which does not appear to be excessively high. The ore varies also in physical character from a comparatively pure ore to a ferrugin-sandstone, and it commonly occurs in lumps scattered through the clay.

Recommendation: Although there may be an appreciable tonnage of brown ore in the whole general area to which the applicant refers, the deposits are scattered and generally of comparatively small size. Trenching is more effective than drilling in determining the thickness, extent, and continuity of the deposits. Mining difficulties are not great, but the ore must be hand picked or washed. It is doubtful that a large tonnage could be produced at the estimated cost of $1,000.

cc: Director's Reading File
Ferrous Metals File
DMEA File (3)
Branch

Martha Carr:bbk G 2/1/52