DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1766-X

To: Reports and Records Branch J. M. Roark Cons. Co.

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Denied ☐ Withdrawn ☐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

DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1766

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 1

To: Reports + Records Date 8-2-

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

DO NOT DETACH

CONTROLLED DOCUMENT

INT.-DUP. SEC., WASH., D.C. 98868

FILE COPY
SURNAME: 350

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

McKnight
O'Leary
(For a Mobe)
Ballinger

August 2, 1951

The J. H. Roark Construction Company

Re: DMA-1766X

Anderson, Missouri

a. E.C.

Dear Mr. Roark:

Your application for an exploration loan of $33,550 to move the overburden from your mine, build a screening and washing plant, and do additional drilling has been reviewed by the Defense Minerals Administration.

I regret that most of this proposal is not eligible for aid under the exploration program of the Defense Minerals Administration. As explained in section 8 (a) of the enclosed regulations (Mineral Order 5), exploration aid is limited to a search for unknown or undeveloped sources of strategic minerals and shall not include work prosecuted primarily for mining or preparation for mining. Removal of overburden on your property and construction of a screening and washing plant are thus ineligible for assistance.

The additional drilling that you mention is eligible, as this is the normal form of exploration for the district. However, the items of expense that you list seem to apply to the removal of overburden and building of the screening and washing plant, and we are unable to find the details of requested drilling in your application. If you should care to submit a new proposal on Form MF-103 outlining only the proposed drilling, we will be glad to give it prompt consideration. The number of holes, footage, and cost per foot should be given, and also a map showing the location of the drilling. The maps that you mention in answer to question 22 of your application have not been received.

In answer to question 12 on the form MF-100, General Technical Data for use under the Defense Production Act of 1950, you do not record the reserves for your property. If you can demonstrate proven reserves of lead and zinc on your property, you might be eligible for a production loan from the Reconstruction Finance Corporation. A recommendation would be made to the RFC by the Defense Minerals Administration based upon the application submitted by you.

If you can revise the answer to this question 12 to show proven reserves, we will be glad to consider an application on Form MP-102, copies of which are enclosed.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosures

ETMcKnight:emp
G 8-1-51
Copies to: David Gallagher Region VY (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

August 2, 1951

The J. D. Evans Exploration Company Re: DP-170A

Anderson, Missouri

Dear Mr. Evans:

Your application for an exploration loan of $[illegible] to move the overburden from your mine, build a screening and washing plant, and do additional drilling has been reviewed by the Defense Minerals Administration.

I regret that most of this proposal is not eligible for aid under the exploration program of the Defense Minerals Administration. As explained in section 3 (a) of the enclosed regulations (Order DP 3), exploration can be limited to a search for unknown or undeveloped mineral of strategic importance and shall not include work undertaken primarily for mining or preparation for mining. Removal of overburden on your property and construction of a screening and washing plant are not eligible for assistance.

The additional drilling, which you contend is eligible, is not in the normal form of exploration for the district. However, the items of expense that you list seem to apply to the removal of overburden and building of the screening and washing plant, and we are unable to find the details of proposed drilling in your application. If you should care to submit a new proposal on Form DP-100 containing only the proposed drilling, we will be glad to give it prompt consideration. The number of holes, footage, and cost per foot should be given, and also a map showing the location of the drilling. The map and you personally in answer to questions 21 of your application have not been received.

In answer to question 21 on the form DP-100, General Regulation Order No. 2 under the Defense Production Act of 1950, you do not report the reserves for your property. If you can demonstrate proven reserves of sand and gravel on your property, you might be eligible for a production loan from the Reconstruction Finance Corporation. A recommendation could be made to the RFC by the Defense Minerals Administration based upon the application submitted by you.

If you can revise the answer to this question 12 to show proven reserves, we will be glad to consider an application on form EP-102, copies of which are enclosed.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosures

LTMcnightrosp
3 8-1-51
Copies to: David Gallagher Region VI (2)
Chief, Lead-Zinc Br.
L. F. McNight LCM div.
E. H. Mote
Reports & Records
Directors r. file [illegible]
Br. r. file [illegible]
Files

August 2, 1951

The J. M. Mears Construction Company Re: DMA-17004

Anderson, Missouri

Dear Mr. Mears:

Your application for an exploration loan of $33,250 to move the overburden from your mine, build a screening and washing plant, and do additional drilling has been reviewed by the Defense Minerals Administration.

I regret that most of this proposal is not eligible for aid under the exploration program of the Defense Minerals Administration. As explained in section 3 (a) of the enclosed regulations (General Order 5), exploration aid is limited to a search for unknown or undeveloped sources of strategic minerals and shall not include work prosecuted primarily for mining or preparation for mining. Removal of overburden on your property and construction of a screening and washing plant are thus ineligible for assistance.

The additional drilling that you mention is eligible, as this is the normal form of exploration for the district. However, the items of expense that you list seem to apply to the removal of overburden and building of the screening and washing plant, and we are unable to find the details of requested drilling in your application. If you should care to submit a new proposal on Form DF-103 outlining only the proposed drilling, we will be glad to give it prompt consideration. The number of holes, footage, and cost per foot should be given, and also a map showing the location of the drilling. The maps that you mention in answer to question 12 of your application have not been received.

In answer to question 11 on the form DF-100, General Technical Data for use under the Defense Production Act of 1950, you do not record the reserves for your property. If you can demonstrate proven reserves of lead and zinc on your property, you might be eligible for a production loan from the Reconstruction Finance Corporation. A recommendation would be made to the RFC by the Defense Minerals Administration based upon the application submitted by you.

If you can revise the answer to this question 17 to show proven reserves, we will be glad to consider an application on Form 7-102, copies of which are enclosed.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosures

LTMcKnight:amp
C 8-1-51
Copies to: David Gallagher Region VI (3)
Chief, Lease-Line Br.
L. T. McKnight L204 Gen
N. H. Mote
Reports & Records
Directors r. file L204 Gen
Br. r. file L204 Gen
Files

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

Q.E.C.

July 31, 1951

Memorandum

Re: DMA-1766X
J. M. Roark Construction Co.
Mine near Joplin, Missouri
Exploration loan, $33,550
Lead-zinc

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of Exploration Loan

The applicant requests this loan in order to move the overburden from a surface deposit of lead-zinc, build~~ing,~~ a screening and washing plant, and do additional drilling. The specific expenses for which the loan is requested include such items as tractor with bulldozer for removing overburden, the screening and washing plant, a pumping plant to pump out the open pit, and the necessary labor on the overburden removal. Items owned by the company which they propose to rent to the operation include an extra tractor and bulldozer, 2 trucks and ~~3/4~~ 1/2 yard steam shovel. There is no mention made of specific expense items for drilling.

As the main part of this proposal is obviously either mining or direct preparation for mining, this application cannot be approved under the exploration program. The applicant has denied any knowledge of his reserves on Form MF-100 accompanying the application.

It is recommended that the application be denied as presented but that the applicant be invited to submit a new application covering only the drilling that he mentions but does not include in his expense items. He should also be notified of the possibility of a direct RFC loan provided his reserves are satisfactorily demonstrated. It is recommended that the attached letter be sent to the applicant.

Returned herewith are: 3 copies of the application on Form MF-103 and 2 copies of the lease on the property.

T. P. Billings, Chief
Lead-Zinc Branch

Approved:

Tom Lyon
Director, Supply Division

FILE COPY
SURNAME: 350

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

McKnight
O'Leary
Mote
Billings

July 31, 1951

Memorandum

Re: DMA-1766X
J. M. Roark Construction Co.
Mine near Joplin, Missouri
Exploration loan, $33,550
Lead-zinc

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of Exploration Loan

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Returned herewith are: 3 copies of the application on Form MF-103 and 2 copies of the lease on the property.

T. P. Billings, Chief
Lead-Zinc Branch

Approved:
Tom Lyon

Director, Supply Division

E. T. McKnight:emp G 7-31-51
Copies to: David Gallagher Region VI (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
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.

July 2, 1951

Mr. J. M. Roark, Partner
Anderson
Missouri

Subject: DMA-1766X
Re: Exploration Loan -
J. M. Roark & Sons Mine

My dear Mr. Roark:

Receipt is acknowledged of your application and attachments of June 25, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1766X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 29, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1766X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Herres
Lyon

DMA 1766

856

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 1766 X

Date received 6-29-51

Participation

Roark Cons. Co.

Anderson, Missouri.

Name and address of applicant

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Date June 25 1951.

FILL IN THIS BLOCK

Date of application June 25 1951.

Estimated cost $ 33,550.00

Mineral or metal Mineral

Percentage of Government participation 50%

Location of mine Jasper County Missouri

Date of filing MF-100 Even date.

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

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

JUL 2 1951

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

*11. State the present and former names of the property, if any.

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

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

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

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

J.M. Roark Cons. Co.
(Name of company)

By [signature]
(Signature of authorized official)

June 25 1951.
(Date)

Partner
(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

1. Partnership

2. J.M. Roark, Jimmie E. Roark, and Max Roark, all of Anderson, Missouri.

3. Does not apply.

4. Will be managed by J.M. Roark and Jimmie E. Roark. Each have had Twenty five years experience in general contract work.

5. Lessee

6. Does not apply.

7. Copy of the lease attached.

8. Limited as for cash, but have sufficient equipment except will need One Caterpillar tractor.

9. Sufficient to carry our part of any cost as set out in question # 23.

10. a. NE 1/4 of NE 1/4 Section 31, Township 28, Range 33, Jasper County Mo.
b. Same

11. Formerly called White shirt tract. Present name J.M. Roark & Sons mine.

12. Operation is located four miles Northwest of Joplin, Missouri, and the present mill is located two miles from the propoerty.

13. There is a sufficient amount of water on the premises. Will use Gasolene power at present.

14. ####. One 3/4 yd. shovel, three dump trucks, one dozer. one new 6" deep well pump. washing and culling screen, Previously drilled. Records favorable.

15. Can be milled and shipped within two miles of the mine.

16. a. This lease has been mined at a lower level than we contemplate mining at the present time. Was last operated 1928 to 1930. Some mining done previous to that. It also had a mill at one time but was lost by fire and was never rebuilt.
b. Lease has indications of being a producer without an outlay of any excessive amount of money.

17. The operations so far have been only exploration. However we have recovered about Fifteen tons of zinc ore that ran 48.40 % and about Eight tons of lead that ran 81 % when milled.

18. Cannot answer.

19. No answer.

20. Lead and zinc.

21. Consists of moving overburden and building a screening and washing plant, also additional drilling, time required probably three months.

22. See maps attached.

23. a. Five laborers at $ 40.00 per week for 12 weeks $ 2400.00
B. One supervisor $100.00 " " " 12 " $ 1200.00
c. None
d. Screening and washing plant $ 3000.00
e. Pumping plant $ 1800.00
One tractor with bulldozer 16000.00
F. None
g. Now in operation one tractor and dozer at $ 750.00 per. month
Two trucks at each $ 150.00 300.00 " "
One 3/4 yd. shovel @ $ ###### $ 1200.00 1200.00 " "
One air compressor and hammers 500.00 " "
Estimated for three months $ 8,150.00

h. Included in Item G.
I. None

NOTE ITEMS D and E WILL HAVE A VALUE LESS THE AMOUNT OF DEPRECIATION FOR THE TIME USED.

THIS AGREEMENT, made and entered into this 1st day of May A.D., Nineteen Hundred and Fify-one, between William M. Stewart and Hunter L. Watts of Joplin, Missouri, party of the first part, and the Roark Construction Company partnership - J. M. Roark, Jimmie E. Roark, and Max M. Roark of Anderson, Missouri, parties of the second part, WITNESSETH:

THAT, WHEREAS, the said parties of the second part herein desires the license and privilege of mining for lead and zinc ores, on and within the following described land, to-wit: Lying and being being in the County of Jasper and state of Missouri, and described more particularly as follows:

The Northeast Quarter of the Northeast Quarter of Section 31, Township 28, Range 33.

NOW, THEREFORE THIS AGREEMENT WITNESSETH: That the party of t he first part has given and granted and by these presents do give and grant unto the parties of the second part (subject, however, to any and all miner's rights, claims or leases that may now exist, or be claimed to exist against said tract of land or any part thereof), and the license and privilege of digging, boring, prospecting for and mining of lead and zinc ores within the tract of land hereinbefore described, together with such rights of ingress and egress and such use of the surface of the ground, as may be necessary to carry on their mining operations as aforesaid, upon and subject to the following terms and conditions, to-wit:

The parties of the second part shall begin mining operations within said tract of land forthwith, and continue the same without intermission, and not be suspended at any time for longer than thirty days, except on account of unavoidable accident, strikes or other conditions beyond the control of lessees.

Parties of the second part shall establish and maintain, and keep in operation on said land during the term of this license, as may pumps, or pumping stations, as may be necessary to drain and keep said ground drained, to a depth where mining of the ore bodies on the lower levels can be successfully carried on, supposed on this tract to be at a depth of 00 feet.

All mining so done by them shall be done in good workmanlike manner; all drifts made by them shall be securely timbered and braced and pillars of ample size and sufficient number shall be left to support the roof, to prevent the ground from caving. Party of the first part, or itsagent or servants, shall have the right, at any time, to enter into and examine the workings and mines therein, with a view of ascertaining whether the terms of this agreement and license are being kept and performed by the second parties.

Parties of the second part shall keep any and all natural water ways and courses on said land open and free from and unobstructed by any mud, sand, sludge, tailings or other materials.

The party of the first part is and shall remain the absolute owner of all ores so mined, and shall collect and receive the proceeds of any sale of any such ores, and shall pay the same over to the said parties of the second part, less the following royalties, which shall be retained by party of the first part:

Eight (8) per cent, upon the gross value of all lead ores for strip mining only.

Eight (8) percent, upon the gross value of all zinc ~~zinc~~ ores for strip mining only.

First party does hereby grant to second parties the right and privilege to remove ore bearing dirt from above described land and to mill and clean the ore in any mill located in Jasper County, Mo.. Said orebearing dirt shall be milled and run separately from ores and minerals produced from other lands and concentratesproduced shall be kept in separate bin.

If mining operations are carried on by shaft and drifting the royalty on lead and zinc will be ten (10) per cent.

Party of the first part, shall, at its option, during the continuance of this license, have the right to purchase any or all lead minerals or zinc ores mined within or from said tractto obtain therefor, from other responsible parties less the royalties herein agreed upon.

Party of the first part reserves to itself the ownership and right to dispose of any and all rocks, tailings and chars on the surface of said described land at any time and in anyway that to it may seem expedient or fit.

Party of the second part hereby acquires no right or license to mine any other than lead minerals and zinc ores. If other valuable ores, minerals, or substances are found by them the said parties of the second part acquire no right or title whatsoever thereto.

All rights to the use of said graound and its surface, not consistent with its thorough and proper mining as herein required, are hereby reserved to the said party of the first part, and in particular the right to use any portion of the surface or above described land that may be required for the purpose of cultivation, or laying railway tracts, spurs, or switches, or for any otherpurpose, that will not interfere with the successful and convenient mining of said ground.

Parties of the second part shall pay all taxes that may be assessed on improvements which they may have placed on said land during the life of this license.

This license and privilege shall terminate immediately if the second parties shall assign this contract or sub-let said permises or any part thereof without the written consent of first party, or if the licensees interest shall be sold under execution, attachment of other legal process or order of court or legal proceeding, either voluntary or involuntary, or in the event the licensees shall be adjudicated bankrupt, voluntary or involuntary, or shall assign their interest therein for the benefit of creditors, or if a receiver be appointed to take charge of the property.

This license shall not be recorded or filed for record without the written acknowledgement of first party.

This license and privilege to mine shall remain in force so long as second parties shall carry out each and every condition hereof, not to exceed, however a period of five years from the date hereof. Any failure on the part of the parties of

the second part to carry out any or all of the conditions of this license or privilege in good faith, shall immediately terminate the same, and the party of the first part may take possession of said land without notice to quit, demand of possession or any legal proceeding whatever.

If the party of the second part shall have fully and faithfully kept and performed all the terms and conditions herein contained, they shall have 90 days from the termination of this license in which to remove from the above described land such improvements as they may have placed thereon.

IN WITNESS THEREOF, we hereunto set our hands and seals the day and year first above written, to duplicate copies thereof.

Jimmie L. Boarts
J. E. Boarts
Max M. Kent

William M. Stewart
Hunter Hewitt

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 1766 X

Date received 6-29-51

Participation

J.M. Roark Cons. Co.

Anderson, Missouri.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date June 25 1951.

FILL IN THIS BLOCK

Date of application June 25 1951.

Estimated cost $ 33,550.00

Mineral or metal Mineral

Percentage of Government participation 50%

Location of mine Jasper County Missouri.

Date of filing MF-100 Even date.

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.
22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

J.M. Roark Cons. Co.
(Name of company)

By J M Roark
(Signature of authorized official)

June 25 1951
(Date)

Partner
(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

1. Partnership

2. J.M. Roark, Jimmie E. Roark, and Max Roark, all of Anderson, Missouri.

3. Does not apply.

4. Will be managed by J.M. Roark and Jimmie E. Roark. Each have had Twenty five years experience in general contract work.

5. Lessee

6. Does not apply.

7. Copy of the lease attached.

8. Limited as for cash, but have sufficient equipment except will need One Caterpillar tractor.

9. Sufficient to carry our part of any cost as set out in question # 23.

10. a. NE 1/4 of NE 1/4 Section 31, Township 28, Range 33, Jasper County Mo.
b. Same

11. Formerly called White shirt tract. Present name J.M. Roark & Sons mine.

12. Operation is located four miles Northwest of Joplin, Missouri, and the present mill is located two miles from the propoerty.

13. There is a sufficient amount of water on the premises. Will use Gasolene power at present.

14. ~~\$\$\$\$~~. One 3/4 yd. shovel, three dump trucks, one dozer. one new 6" deep well pump. washing and culling screen, Previously drilled. Records favorable.

15. Can be milled and shipped within two miles of the mine.

16. a. This lease has been mined at a lower level than we contemplate mining at the present time. Was last operated 1928 to 1930. Some mining done previous to that. It also had a mill at one time but was lost by fire and was never rebuilt.
b. Lease has indications of being a producer without an outlay of any excessive amount of money.

17. The operations so far have been only exploration. However we have recovered about Fifteen tons of zinc ore that ran 48.40 % and about Eight tons of lead that ran 81 % when milled.

18. Cannot answer.

19. No answer.

20. Lead and zinc.

21. Consists of moving overburden and building a screening and washing plant, also additional drilling, time required probably three months.

22. See maps attached.

23. a. Five laborers at \$ 40.00 per week for 12 weeks \$ 2400.00
b. One supervisor \$100.00 " " " 12 " \$ 1200.00
c. None
d. Screening and washing plant \$ 5000.00
e. Pumping plant \$ 1800.00
One tractor with bulldozer 16000.00
f. None
g. Now in operation one tractor and dozer at \$ 780.00 per. month
Two trucks at each \$ 150.00 300.00 " "
One 3/4 yd. shovel ~~\$ \$\$\$\$.00~~ \$ 1200.00 1200.00 " "
One air compressor and hammers 500.00 " "
Estimated for three months \$ 8,180.00
h. Included in Item G.
I. None

NOTE ITEMS D and E WILL HAVE A VALUE LESS THE AMOUNT OF DEPRECIATION FOR THE TIME USED.

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 1766X

Date received 6-29-51

Participation

J.M. Roark Cons. Co.

Anderson, Missouri.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date June 3 1951.

FILL IN THIS BLOCK

Date of application June 25 1951.

Estimated cost $ 33,550.00

Mineral or metal Mineral

Percentage of Government participation 50%

Location of mine Jasper County, Missouri.

Date of filing MF-100 Even date

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?
*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.
*5. Are you the owner or the lessee of the property?
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.
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16—64067-1

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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.

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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.

J.M. Roark Cons. Co.
(Name of company)

By [signature]
(Signature of authorized official)

June 25 1951.
(Date)

Partner
(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

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4. Will be managed by J.M. Roark and Jimmie E. Roark. Each have had Twenty five years experience in general contract work.

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B. One supervisor $100.00 " " " 12 " $ 1200.00
c. None
d. Screening and washing plant $ 3000.00
e. Pumping plant $ 1800.00
F. None One tractor with bulldozer 16000.00
g. Now in operation one tractor and dozer at $ 750.00 per. month
Two trucks at each $ 150.00 300.00 " "
One 3/4 yd. shovel @ $ ~~#####~~ $ 1200.00 1200.00 " "
One air compressor and hammers 500.00 " "
Estimated for three months $ 8,150.00
h. Included in Item G.
I. None

NOTE ITEMS D and E WILL HAVE A VALUE LESS THE AMOUNT OF DEPRECIATION FOR THE TIME USED.

THIS AGREEMENT, made and entered into this 1st day of May A.D., Nineteen Hundred and Fify-one, between William M. Stewart and Hunter L. Watts of Joplin, Missouri, party of the first part, and the Roark Construction Company partnership - J. M. Roark, Jimmie E. Roark, and Max M. Roark of Anderson, Missouri, parties of the second part, WITNESSETH:

THAT, WHEREAS, the said parties of the second part herein desires the license and privilege of mining for lead and zinc ores, on and within the following described land, to-wit: Lying and being being in the County of Jasper and state of Missouri, and described more particularly as follows:

The Northeast Quarter of the Northeast Quarter of Section 31, Township 28, Range 33.

NOW, THEREFORE THIS AGREEMENT WITNESSETH: That the party of t he first part has given and granted and by these presents do give and grant unto the parties of the second part (subject, however, to any and all miner's rights, claims or leases that may now exist, or be claimed to exist against said tract of land or any part thereof), and the license and privilege of digging, boring, prospecting for and mining of lead and zinc ores within the tract of land hereinbefore described, together with such rights of ingress and egress and such use of the surface of the ground, as may be necessary to carry on their mining operations as aforesaid, upon and subject to the following terms and conditions, to-wit:

The parties of the second part shall begin mining operations within said tract of land forthwith, and continue the same without intermission, and not be suspended at any time for longer than thirty days, except on account of unavoidable accident, strikes or other conditions beyond the control of lessees.

Parties of the second part shall establish and maintain, and keep in operation on said land during the term of this license, as may pumps, or pumping stations, as may be necessary to drain and keep said ground drained, to a depth where mining of the ore bodies on the lower levels can be successfully carried on, supposed on this tract to be at a depth of 00 feet.

All mining so done by them shall be done in good workmanlike manner; all drifts made by them shall be securely timbered and braced and pillars of ample size and sufficient number shall be left to support the roof, to prevent the ground from caving. Party of the first part, or its agent or servants, shall have the right, at any time, to enter into and examine the workings and mines therein, with a view of ascertaining whether the terms of this agreement and license are being kept and performed by the second parties.

Parties of the second part shall keep any and all natural water ways and courses on said land open and free from and unobstructed by any mud, sand, sludge, tailings or other materials.

The party of the first part is and shall remain the absolute owner of all ores so mined, and shall collect and receive the proceeds of any sale of any such ores, and shall pay the same over to the said parties of the second part, less the following royalties, which shall be retained by party of the first part:

Eight (8) per cent, upon the gross value of all lead ores for strip mining only.

Eight (8) percent, upon the gross value of all zinc ~~zinc~~ ores for strip mining only.

First party does hereby grant to second parties the right and privilege to remove ore bearing dirt from above described land and to mill and clean the ore in any mill located in Jasper County, Mo.. Said ore bearing dirt shall be milled and run separately from ores and minerals produced from other lands and concentrates produced shall be kept in separate bin.

If mining operations are carried on by shaft and drifting the royalty on lead and zinc will be ten (10) per cent.

Party of the first part, shall, at its option, during the continuance of this license, have the right to purchase any or all lead minerals or zinc ores mined within or from said tract to obtain therefor, from other responsible parties less the royalties herein agreed upon.

Party of the first part reserves to itself the ownership and right to dispose of any and all rocks, tailings and chars on the surface of said described land at any time and in anyway that to it may seem expedient or fit.

Party of the second part hereby acquires no right or license to mine any other than lead minerals and zinc ores. If other valuable ores, minerals, or substances are found by them the said parties of the second part acquire no right or title whatsoever thereto.

All rights to the use of said graound and its surface, not consistent with its thorough and proper mining as herein required, are hereby reserved to the said party of the first part, and in particular the right to use any portion of the surface or above described land that may be required for the purpose of cultivation, or laying railway tracts, spurs, or switches, or for any other purpose, that will not interfere with the successful and convenient mining of said ground.

Parties of the second part shall pay all taxes that may be assessed on improvements which they may have placed on said land during the life of this license.

This license and privilege shall terminate immediately if the second parties shall assign this contract or sub-let said permises or any part thereof without the written consent of first party, or if the licensees interest shall be sold under execution, attachment of other legal process or order of court or legal proceeding, either voluntary or involuntary, or in the event the licensees shall be adjudicated bankrupt, voluntary or involuntary, or shall assign their interest therein for the benefit of creditors, or if a receiver be appointed to take charge of the property.

This license shall not be recorded or filed for record without the written acknowledgement of first party.

This license and privilege to mine shall remain in force so long as second parties shall carry out each and every condition hereof, not to exceed, however a period of five years from the date hereof. Any failure on the part of the parties of

the second part to carry out aay or all of the conditions of this license or privilege in good faith, shall immediately terminate the same, and the party of the first part may take possession of said land without notice to quit, demand of possession or any legal proceeding whatexer.

If the party of the second part shall have fully and faithfully kept and performed all the terms and conditions herein contained, they shall have 90 days from the termination of this license in which to remove from the above described land such improvements as they may have placed thereon.

IN WITNESS THEREOF, we hereunto set our hands and seals the day and year first above written, to duplicate copies thereof.

Jennie E Roark
J E Roark
Max M Roark

William M Stewart
Hunter L Watt

June 25, 1951

Mr. J. M. Baark
Anderson, Missouri

Subject: D8 Caterpillar Tractor

Dear Mr. Baark:

We have your letter dated June 20, 1951 requesting priority assistance in obtaining 1 D8 tractor ordered through the E. A. Martin Machinery Company, 501 School Street, Joplin, Missouri.

Owing to the very great demand for tractors of this type and make, we must ask for more detailed information as to your operations before granting the assistance requested. Will you kindly give us the exact location of your mining property, the tonnage of ore available, and its metallic content. Also, please furnish us with information as to your proposed concentrating operations, location of mill, capacity of same and transportation involved; also the tonnage of ore you are now handling, tonnage of concentrates produced and the respective tonnages which will be made available by the additional equipment requested.

Kindly furnish all information in duplicate. We will withhold action awaiting your reply.

Yours truly,

E. T. Miller
Requirements Division

ETMiller:fdr

Copy to: Files
Admin. Reading File
Mr. Strobel
Mr. Montag
Mr. Miller

MF-100
(March 1951)

U. DEPARTMENT OF THE INTERI
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. dmm 1766X

Date received 6-29-51

J.M. Roark Cons. Co.

Anderson, Missouri.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date June 25 1951.

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
J.M. Roark							
Jimmie E. Roark							
Max M. Roark							
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by an available report on the geology and ore reserves.

Form MF-100

1. Materials produced.
   a. Lead and zinc.
   b. None
2. J.M. Roark Construction Co. mine.
   a. Only pump shaft used.
   b. Approximately 40,000 Cubic yards overburden moved.
   c. None
   d. Mine operation filled with surface water. This will require 1 6" pump.
3.
   a. Four miles North West of Joplin, Mo.
   b. Within mining district of Joplin, Mo.
   c. NE 1/4 of NE 1/4 Section 31 Township 28 Range 33 Jasper County.
   d. Jasper County, Missouri.
4.
   a. Stripping and dewatering the pit by lessee.
   b. Lessee
5. This mine was in operation 1928 to 1930 and previous. Estimated production will begin in three to four weeks.
6. Twenty five years experience in stripping and general contracting.
7. History.
   This property was operated several years ago with considerable success at a lower level than expected to go at the present although there are good indications of mineral at the lower level. Loss of the mill by fire was the cause of suspended operations.
8. Names and Addresses of Partners.
   J.M. Roark, Anderson, Missouri. Jimmie E. Roark, Anderson, Missouri.
10.
   Cannot answer.
11. Cannot answer.

12. Mostly exploration work.

13. Good roads to shipping point. Mill within two miles of lease.

14. Water supply sufficient.

15. Gasoline power needed at present.

16. One shovel operator
    Two tractor operators
    Three truck drivers
    One pump operator
    One foreman
17. One Northwest 3/4 yd, Shovel and Dragline
    One D6 Caterpillar tractor with dozer
    One DW 10 Caterpillar tractor with an eight yd. scoop.
    Three dump trucks
    One 4" mounted pump
    One complete welding outfit.
    One 220 ft. Air compressor with hammers and steel sufficient for some time to come
    One Pierless Deep well pump 6" with new power unit gasolene powered.
18.
    No.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

J.M. Roark Cons. Co.
(Name of company)

By [signature]
(Signature of authorized official)

June 25 1951.
(Date)

President
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

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 1766 X

Date received 6-29-51

Participation

J.M. Roark Cons. Co.

Anderson, Missouri.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

June 25 1951.

FILL IN THIS BLOCK

Date of application June 5 1951.

Estimated cost $ 33,550.00

Mineral or metal Mineral

Percentage of Government participation 50%

Location of mine Jasper County Missouri.

Date of filing MF-100 June 25 1951.

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

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

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

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

*11. State the present and former names of the property, if any.

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

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

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

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

J.M. Roark Cons. Co.
(Name of company)

By [signature]
(Signature of authorized official)

June 25 1951.
(Date)

Partner
(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

1. Partnership

2. J.M. Roark, Jimmie E. Roark, and Max Roark, all of Anderson, Missouri.

3. Does not apply.

4. Will be managed by J.M. Roark and Jimmie E. Roark. Each have had Twenty five years experience in general contract work.

5. Lessee

6. Does not apply.

7. Copy of the lease attached.

8. Limited as for cash, but have sufficient equipment except will need One Caterpillar tractor.

9. Sufficient to carry our part of any cost as set out in question # 23.

10. a. NE 1/4 of NE 1/4 Section 31, Township 28, Range 33, Jasper County Mo.
b. Same

11. Formerly called White shirt tract. Present name J.M. Roark & Sons mine.

12. Operation is located four miles Northwest of Joplin, Missouri, and the present mill is located two miles from the propeerty.

13. There is a sufficient amount of water on the premises. Will use Gasolene power at present.

14. ~~####~~. One 3/4 yd. shovel, three dump trucks, one dozer. one new 6" deep well pump, washing and culling screen, Previously drilled. Records favorable.

15. Can be milled and shipped within two miles of the mine.

16. a. This lease has been mined at a lower level than we contemplate mining at the present time. Was last operated 1928 to 1930. Some mining done previous to that. It also had a mill at one time but was lost by fire and was never rebuilt.
b. Lease has indications of being a producer without an outlay of any excessive amount of money.

17. The operations so far have been only exploration. However we have recovered about Fifteen tons of zinc ore that ran 48.40 % and about Eight tons of lead that ran 81 % when milled.

18. Cannot answer.

19. No answer.

20. Lead and zinc.

21. Consists of moving overburden and building a screening and washing plant, also additional drilling, time required probably three months.

22. See maps attached.

23. a. Five laborers at $ 40.00 per week for 12 weeks $ 2400.00
B. One supervisor $100.00 " " " 12 " $ 1200.00
c. None
d. Screening and washing plant $ 3000.00
e. Pumping plant $ 1800.00
F. None One tractor with bulldozer 16000.00
g. New in operation one tractor and dozer at $ 750.00 per. month
Two trucks at each $ 150.00 300.00 " "
One 3/4 yd. shovel @ $ ~~####~~ $ 1200.00 1200.00 " "
One air compressor and hammers 500.00 " "
Estimated for three months $ 8,150.00

h. Included in Item G.
I. None

NOTE ITEMS D and E WILL HAVE A VALUE LESS THE AMOUNT OF DEPRECIATION FOR THE TIME USED.

Form MF-100
(March 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA FOR USE UNDER THE DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. _____

Date received _____

J.M. Roark Cons. Co.

Anderson, Missouri.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 29 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date June 25 1951.

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization Deduction) of Internal Revenue Code, 1950, (5) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (6) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
J.M. Roark							
Jimmie E Roark							
Max M. Roark							
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

Form MF-100

1. Materials produced.
   a. Lead and zinc.
   b. None
2. J.M. Roark Construction Co. mine.
   a. Only pump shaft used.
   b. Approximately 40,000 Cubic yards overburden moved.
   c. None
   d. Mine operation filled with surface water. This will require 1 6" pump.
3.
   a. Four miles North West of Joplin, Mo.
   b. Within mining district of Joplin, Mo.
   c. NE 1/4 of NE 1/4 Section 31 Township 28 Range 33 Jasper County.
   d. Jasper County, Missouri.
4.
   a. Stripping and dewatering the pit by lessee.
   b. Lessee
5. This mine was in operation 1928 to 1930 and previous. Estimated production will begin in three to four weeks.
6. Twenty five years experience in stripping and general contracting.
7. History.
   This property was operated several years ago with considerable seccess at a lower level than expected to go at the present although there are good indications of mineral at the lower level. Loss of the mill by fire was the cause of suspended operations.
8. Names and Addresses of Partners.
   J.M. Roark, Anderson, Missouri. Jimmie E. Roark, Anderson, Missouri.
10.
   Cannot answer.
11. Cannot answer.

12. Mostly exploration work.

13. Good roads to shipping point. Mill within two miles of lease.

14. Water supply sufficient.

15. Gasoline power needed at present.

16. One shovel operator
    Two tractor operators
    Three truck drivers
    One pump operator
    One foreman
17. One Northwest 3/4 yd. Shovel and Dragline
    One D6 Caterpillar tractor with dozer
    One DW 10 Caterpillar tractor with an eight yd. scoop.
    Three dump trucks
    One 4" mounted pump
    One complete welding outfit.
    One 220 ft. Air compressor with hammers and steel sufficient for some time to come
    One Pierless Deep well pump 6" with new power unit gasolene powered.
18.
    No.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

J.M. Roark Cons. Co.
(Name of company)

By [signature]
(Signature of authorized official)

June 25 1951.
(Date)

Partner
(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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1