DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1403

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:	Gaven	Date	5/21/51
To:	Tyson	Date	11/5/51
To:	Reports and Records	Date	NOV 6 195[illegible]
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

NOV 6 1951

RWaugh
Gowen
Q.E.C.

Memorandum

To: Reports and Records

From: Director, Supply Division

Subject: Application for Exploration Aid of Mr. W. M. Boulware, Elfrida, Arizona, DMA-1403, Commodity-Copper

This application is being withdrawn in accordance with a letter sent to the applicant at the end of August allowing him 60 days in which to show a desire to continue with his application. Since no correspondence has been received within this period of time the docket is considered as closed.

Attached herewith for your disposal is the entire docket consisting of the following:

1 Form MF-100 with answer sheets attached
1 Assay sheet, Dec. 21, 1946
1 Rock and Mineral Analytical Assay Report, Jan. 3, 1946
2 Letters to W. M. Boulware from
  J. B. Gowen, June 8, 1951
  T. Lyon, Aug. 30, 1951 (2 copies)
1 Letter of W. M. Boulware to DMA, May 21, 1951

Tom Lyon
Tom Lyon, Director
Supply Division

Attachment

RWWaugh:rw
11-2-51

Copy to: Administrator's Reading File
Copper Branch
DMA Docket

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

NOV 6 1951

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Tom Lyon

Tom Lyon, Director
Supply Division

Attachment

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

October 4, 1951

Mr. W. M. Boulware
Elfrida, Arizona

Re: DMA-1403

Reference is made to your application for a loan under Section 302 of the Defense Production Act of 1950, filed with the Defense Minerals Administration on May 31, 1951. The proper loan application forms NSRB-146, MF-101, or MF-102 have not been filed by you as a part of your application.

This Administration will accept properly completed loan application forms NSRB-146, MF-101 or MF-102 on your present application up to October 12, 1951. Unless properly completed forms are filed with this Administration on or before that date your application will be considered withdrawn.

If you wish to make application for a loan under Section 302 of the Defense Production Act subsequent to October 12, 1951, your application should be filed with the Reconstruction Finance Corporation in accordance with Executive Order 10281, dated August 28, 1951.

This letter supersedes any previous instructions you may have received regarding the filing of loan application forms with this Administration.

Sincerely yours,

Tom Lyon, Director
Supply Division

This application is being considered for exploration aid.
Straight loan converted to exploration loan.

J B Gowen

5904

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

A.E.C.

AUG 31 1951

Mr. W. M. Boulware
Elfrida
Arizona

Re: DMA Docket 1403

Dear Mr. Boulware:

In reviewing your application for a loan we find that you have not submitted sufficient information to enable us to determine the merits of your request. In order to expedite the handling of this matter and to enable us to evaluate your request, it is requested that you fill in completely the attached loan application form and return it to this office within 60 days from the date of this letter.

In the event we do not hear from you regarding this matter within 60 days we will assume that you are not now interested in such a loan. Should we not receive the additional information requested herein we will record your application for a loan as withdrawn.

This action will not, however, preclude you from submitting at a later date a completed application for a loan or an application for any other type of assistance that may be available under the provisions of the Defense Production Act.

Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Attch.

RVWaugh:pk
8/30/51

Copy to: Reports and Records Branch
Copper Branch
Files-DMA Docket

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

Mr. W. M. Boulware
Elfrida
Arizona

Re: DMA Docket 1403

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Sincerely yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Attch.

RVWaugh:pk
8/30/51

Copy to: Reports and Records Branch
Copper Branch
Files-DMA Docket

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

File Copy
Surname
Gowen

AUG 31 1951

Mr. W. M. Boulware
Elfrida
Arizona

Re: DMA Docket 1403

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Sincerely yours,

Tom Lyon BJ 8/31

Tom Lyon, Director
Supply Division

Attch.

RVWaugh:pk
8/30/51

Copy to: Reports and Records Branch
Copper Branch
Files-DMA Docket

FILE COPY
SURNAME:

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

June 8, 1951

Re: Docket No. DMA-1403

Mr. W. M. Boulware
Elfrida
Arizona

Dear Mr. Boulware:

Your application submitted on Form MF-100 has been referred to the Copper Branch of the Defense Minerals Administration. We are assuming that you are seeking aid for an exploration project. In order for you to file for such aid it will be necessary for you to fill out and file Form MF-103. For your convenience we are enclosing five copies of this form. All questions should be answered as completely as possible. The more information we have regarding your property, the more easily and faster can we act on your application. It will not be necessary to repeat on Form MF-103 any information you have given on Form MF-100.

We are enclosing copies of press releases dated April 11, and May 14, 1951 and a copy of the pertinent regulations pertaining to aid for an exploration project.

There is considerable doubt that we will be able to process all late applications before the Defense Production Act of 1950 expires on June 30, 1951. It is therefore essential that the information you supply be complete.

Very truly yours,

J. B. Goven

J. B. Goven, Acting Chief
Copper Branch, DMA

Enclosures

JWAlt:pf

Copy to: Executive Officer, DMA Field Team, Region IV
224 New Customhouse, Denver 2, Colorado
Executive Secretary
Copper Branch, Room 3423
Files

Form MF-100
(March 1951)

U. S. 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. Dma-1403

Date received 5/31/51

Mr. W. M. Boulware
Elfrida
Arizona

Name and address of applicant

Date May 19, 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) ~~Necessary Certificate pursuant to the provisions of Section 124(a)(1) of the Internal Revenue Code (Deduction of Amortization)~~ (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.

X
5

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

(*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.

_____ (Name of company)

By _____ (Signature of authorized official)

_____ (Date)

_____ (Title)

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

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

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

1.
(a) Copper, gold and silver.
(b) (See attached assay)

2.
(a) Chiricahua Development Company, consisting of seven claims in the Calif. Mining District, being named as follows: Oak, Victor, Magnet, Comet, Ajaz, Mars, Old Pick, 115.364 acres, deeded and located at Paradise, Arizona.
One three-compartment shaft, in bad shape.
(b) Seven hundred fifty foot cross-cut with a one hundred foot winse.
(c) Approximately 800'.
(d) Unknown . Cross-cut is not flooded, but the shafts are in such shape that you can't tell whether they are flooded or not.

3.
(a) Seventeen miles west of Rodeo, New Mexico and seventeen miles south of San Simon, Arizona.
(b) California Mining District.
(c) Unserveyed.
(d) County of Cochise, State of Arizona.

4.
(a) Property was closed in 1905 and has not been worked on since.
(b) Not in operation.

5. Five years development work. Financially unable to put the mines in production.

6. Fifteen years experience in mining operations.
(a) Applicant first worked for Comstock Mining Corporation in Creede, Colorado, approximately two years. Williams and Knutsen, approx. five years. Kenecott Copper Company, Silver City, New Mexico, approx. three years. I did approx. three years developing on my own. Equipment engineer for placer mining for small group of miners in Farmington, New Mexico.
(b) See paragraph "5".

7.(a) To the best of my knowledge, operations started in 1889 and closed in 1905. At that time transportion operations were too costly for a paying proposition and, possibly there were financial difficulties involved.
(b) There is a lead mine adjoining on the east that shipped ore for a couple of years. This mine was privatley owned by a man named Mr. Coryell.
Four miles west of the claims, the Hilltop Mining company has been mining lead, silver, molybdnum, and zinc for the last thirty years.
(c) Refer to attached assays.
(d)

CHIRICAHUA DEVELOPMENT COMPANY

Office, Marquette, Michigan, Mine Office, Paradise, Cochise County, Arizona. Nathan M. Kauffman, President, Samuel R. Kauffman, Secretary, Fred W. Hoar, General Manager. Preceding Officers, Thomas F. Cole and William G. Rice, Directors. Organized 1903, under laws of Arizona; capitalization increased June, 1905, to 400,000 shares, $10 par, fully paid.

Lands - 23 claims, area 460 acres, operated by the former owner, Captain Thomas Burns, as a silver mine until taken over, April, 1903, by present Company. Development is by tunnel and shafts. A 750' cross-cut tunnel tapped the ledge at a depth of 280' by a 100' winze, sunk 700' from the portal. The ledge in the tunnel shows about 50' of leached ore, apparently the apex of a good sulphide ore body. The 400' Mars shaft is sunk at an incline, running under a heavy gossam capping of 150' to 200' width, passing through limestone much disturbed and showing leached ore in the upper part, and at the bottom considerable chalcopyrite, assaying 2% to 4% copper. About 3,000' distant from the Mars is the 3-compartment vertical Planet shaft, circa 400' in depth, and drifting on the fourth level to intercept the ore body encountered in the Mars shaft. The mine is showing a considerable body of sulphide ore. Machinery equipment includes the two 2,000' double-drum Lake Shore hoists, two 150-h.p. boilers, a 16-drill Sullivan air-compressor, power drills, pumps, etc., with necessary mine buildings. Nearest railroad is the El Paso and Southwestern, at Rodeo, 16 miles distant, which will build to the mine when assured tonnage to warrant construction. Management is composed of experienced and successful mining men and geological conditions are much the same as at Bisbee, which is the nearest copper camp. Idle, June, 1906.

Original, 2 ccs

Dma - 1403

Elfrida, Arizona
May 21, 1951

U. S. Department of the Interior
Defense Minerals Administration
Washington 25, D. C.

Gentlemen:

I am submitting the attached forms for your information for registration purposes required under the Defense Production Act of 1950.

Please advise me of the possibility of getting financial assistance from the Government on these claims. If there is a possibility, please let me know what steps should be taken in order to get the assistance.

I believe approximately fifteen thousand ($15,000.00) would be required to open the mine.

Sincerely yours,
W. M. Boulware
W. M. Boulware
Elfrida, Arizona

WMB/elb
Encl.

W. E. HAWLEY
ASSAYERS
CHEMISTS

EL PASO, TEXAS
BOX 4

HAWLEY & HAWLEY

W. E. HAWLEY, MANAGER
DOUGLAS, ARIZONA
537 12TH STREET
BOX 1060

F. L. HAWLEY
SHIPPERS REPRESENTATI
BULLION BUYERS
ORE BUYERS

WE HEREBY CERTIFY THAT THE FOLLOWING RESULTS WERE OBTAINED FROM SAMPLES OF W. M. Boulware.

OFFICE NO.	MARKED	GOLD OZS.	SILVER OZS.	LEAD PER CENT	COPPER PER CENT	ZINC PER CENT	IRON PER CENT	GOLD VALUE PER TON	SILVER VALUE PER TON	TOTA VALU
201066		.005	Trace		7.30					

METAL QUOTATIONS:

GOLD $35.00 PER OZ. COPPER ____ C PER LB. CHARGES: $ 2.50 Paid.

HAWLEY & HAWLEY

SILVER ____ PER OZ. ____ PER LB. DATE 12/21/46.

PER F. L. Hawley ASSAYER.

Sample -1- Date Jan-[illegible] 1946 FOR W.M.Boulwa[illegible],Elfredia,Arizona..

ROCK AND MINERAL ANALYTICAL ASSAY REPORT

By George Gibbons Hayes, 4452 Raleigh St., Denver, (12) Colorado.

NAME OF ROCK Assortment:Cupriferous,Magnetic Iron,Pyriteous Quartz-Quartzite.
OCCURRENCE As vein matter and hanging wall rock in a single sample..
SUMMARY AND MISCELLANY TESTS You might of noticed how magnetic some of the pieces are--a magnet will pick up fair sized pieces--try it--also notethta some of the pieces in this sack are quartzite--others a quartz--proving you broke down some of your hanging wall rock and mixed it in with the vein matter--looks promising--the gold is spotted badly --it only appears in that stringer of dark fine-graine auriferous pyrite--in with the chalcopyrite--the pale yellow and coarse pyrite is just iron and sulfur--does not carry any gold nor copper--and the magnetic iron can be easily proved and separated with a magnet--pulverize and drag a magnet thru several times--the copper also shows some green copper carbonate,or malachite--but chalcolyrite predominates--as long as the copper stains persist--and the copper and gold ride along in these narrow seams--your On the right comtact--and have a good lead to possible pay dirt deeper down--avoid the magnetic iron--it will not go down very far--as your not going to make any money with an iron mine--your best bet is silver,lead,gold and copper..

CHEMICAL BLOWPIPE AND MINERALIGHT REACTIONS.

HYDROCHOLORIC ACID Fair effervescent action from calcite..
NITRIC ACID Very active;sulfide reactions,with white precipitate from Ag-Pb / sulfides.
STREAK PLATE COLOR Dark red to greenish black;FeS and Fe oxides
MAGNET REACTION Highy-from magnetic iron(Fe_3O_4) MAGNET (Roasted) Very magnetic..
MINERALIGHT x
BLOWPIPE (With Flux) Sulfur fumes;with all iron and sulfides altered to magnetic
BLOWPIPE (Flame Color) Red(with Hcl acid) from calcite;blue from copper /iron..
BLOWPIPE (With Cobalt Nitrate) Pink from magnesium;slight blue from aluminum..
MICROSCOPE The various types of pyrite readily distingusihed,especially the pale yellow iron pyrite--with copper and gold bearing pyrite finer-grained and dark bronze to mustard yellow--malachite a pale green--hematite a dark red..

APPROXIMATE NON-METALLIC VALUES PER TON

MICA		Form	
CALCIUM 10.5%		Form	Carbonate (calcite)
SULPHUR 12%	$ 2.20	Form	Pyrites in various forms..
QUARTZ 27%		Form	Pyriteous Silicates..
FELDSPAR 12%		Form	Orthoclase (KAlSi)
MAGNESIUM 7.6%		Form	Oxide.
FERROMAGNESIAN	13%	Form	Augite,pyroxenite--diopside..
		Form	
		Form	
		Form	

APPROXIMATE METALLIC VALUES PER TON

GOLD (Au) 0.11-Oz	$ 3.85	Form	Auriferous pyrite..
LEAD (Pb) 0.7%	1.75	Form	Galena--associated with argentite..
ZINC (Zn)		Form	
IRON (Fe) 24%		Form	Pyrite,18%;Hematite--limonite,2%;Magnetite,
SILVER (Ag) 1.7-Oz	1.54	Form	Argentite(in narrow seams in the quartz-/14%
COPPER (Cu) 1.8%	7.06	Form	Chalcopyrite--/ not in the quartzite)
ARESNIC (As) 0.		Form	x malachite traces..
TUNGSTEN (W)		Form	
VANADIUM (V)		Form	
CHROMIUM (Cr) 0.7%		Form	Oxide..
MANGANESE (Mn) 1.3%		Form	Dioxide..
		Form	
		Form	
		Form	

Combined Approximate Values per ton, $ 16.40...

NOTE: All tests are "Acid" Assays, and are approximate. For Gold, only, a FIRE ASSAY is recommended. Utra-Violet Ray Reactions Checked with "MINERALIGHT." All Samples pulverized to 60 mesh. Oil Mirbane used to bring out colors in Microscope Samples which are magnified (about 50 times original size. Blowpipe Tests made on Charcoal Sticks to about 1400-C Temperature.

Geo. Gibbons Hayes

THE OLD ROCK HOUND ANALYST.