DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1128

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:	Gawen	Date	5/9/51
To:	Lyon	Date	11/5/51
To:	Reports and Records	Date	NOV 6 1951
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CONTROLLED DOCUMENT

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

NOV 6 1951

Memorandum

To: Reports and Records

From: Director, Supply Division

Subject: Application for Exploration Aid of Mr. S. Curtis, 4500 North Central Avenue, Phoenix, Arizona, DMA-1128, 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This application is being withdrawn in accordance with a letter sent to the applicant at the end of August allowing him 60 days in which to show a desire to continue with his application.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 MF-100 with 3 answer sheets attached
3 Letters to S. O. Curtis from
L. F. Strobel, May 10, 1951
J. B. Gowen, June 5, 1951
T. Lyon, Sept. 5, 1951 (2 copies)

Tom Lyon
Tom Lyon, Director
Supply Division

Attachment

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

Wayne Gowen

Memorandum

NOV 6 1951

To: Reports and Records

From: Director, Supply Division

Subject: **Application for Exploration Aid of Mr. S. Curtis, 4500 North Central Avenue, Phoenix, Arizona, DMA-1128, 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This application is being withdrawn in accordance with a letter sent to the applicant at the end of August allowing him 60 days in which to show a desire to continue with his application.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.

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Tom Lyon
Tom Lyon, Director
Supply Division

Attachment
RVWaugh:rw
11-2-51

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

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

October 4, 1951

Mr. S. O. Curtis
4500 North Central Avenue
Phoenix, Arizona

Re:DMA-1128

My dear Mr. Curtis:

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 8, 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.

SEP 5 1951

A.E.C.

Mr. S. O. Curtis
4500 North Central Avenue
Phoenix, Arizona

Re: DMA Docket 1128

Dear Mr. Curtis:

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,

SIGNED

Tom Lyon, Director
Supply Division

Attch.
8/31/51

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

RVWaugh:pk

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

File Copy
Surname
Bowen

SEP 5 1951

Mr. S. O. Curtis
4500 North Central Avenue
Phoenix, Arizona

Re: DMA Docket 1128

Dear Mr. Curtis:

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,

SIGNED

Tom Lyon, Director
Supply Division

J 7-9-5

Attch.
8/31/51

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

RVWaugh:pk

FILE COPY
SURNAME:

Gowen

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

June 5, 1951

Re: Docket No. DMA-1128

Mr. S. O. Curtis
4500 North Central Avenue
Phoenix, Arizona

Dear Mr. Curtis:

The Copper Branch of the Defense Minerals Administration has studied your application for a loan which you submitted on Form MF-100. In order to proceed with your application for a production loan we need more information such as costs of mining, milling and freight and smelter charges. We would also need maps showing the work that has been done, the proposed work and assays of ore samples. You should show measured ore reserves of sufficient grade and tonnage to amortize the loan in a given time.

In case you cannot supply this information and desire to file an application for an exploratory loan, we are enclosing copies of press releases dated April 11 and May 14, 1951; a copy of the pertinent regulations MO-5; one copy of Form MF-100 and five copies of Form MF-103.

If you decide to file an application under the exploration program, please answer all questions. The more information you can give us pertaining to your property the more easily and rapidly we can act on your application. It will not be necessary for you to duplicate information you have already supplied.

Very truly yours,

J. B. Gowen

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

Enclosures 9
JWAlt:ba

Copy to Executive Secretary, DMA
Copper Branch
Files

FILE COPY
SURNAME:

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

May 10, 1951

Mr. S. O. Curtis
4500 North Central Avenue
Phoenix, Arizona

Subject: DMA-1128
Re: Loan - Rosalie Copper Mine

My dear Mr. Curtis:

Receipt is acknowledged of your application and attachments of May 4, 1951 for a Government loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1128 and referred to Mr. J. B. Gowen, Chief, Copper Branch, on May 9, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1128.

Sincerely yours,

LANDON F. STROBEL G. E. R.

Landon F. Strobel
Executive Secretary

LFSTROBEL:aec
cc: Strobel-2
Files
Mr. Gowen
Mr. Lyon

Copper 1128

B

May 21, 1951

ALTOONA QUICKSILVER MINING COMPANY

CALIFORNIA

DMA 1128

quicksilver

Owner 1128

RG

Form MF-100
(March 1951)

To Gowen

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

~~LANDON F. STROBEL~~
Jas. Gowen
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-1128

Date received 5/8/51

S.O.CURTIS
4500 North Central Ave
Phoenix,Arizona

Name and address of applicant

Date May 4th,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? Copper
   (*b*) What are the byproducts, if any? Gold & Silver
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. 380'
   (*b*) Linear feet of drifts and crosscuts. 640'
   (*c*) Linear feet of tunnels or adits. 850'
   (*d*) Linear feet of other mine openings (explain briefly). 350'

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. See Atth Sht
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. Attached Sheet
   (*b*) Mining district. Copper Creek Basin
   (*c*) Township, Section, Range. Sections 21 & 28, Twp 9½ North Range 4 East
   (*d*) County, State. Yavapai County, Arizona.
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.

   All # 4 Attached Sheet
5. Number of years in production Attached Sheet

   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. All # 6 Attached Sheet.
7. History: All # 7 Attached Sheet.
   (*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. All # 8 Attached sheet

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)
	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:

All # 9 Attached Sheet

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: All # 10 Attached Sheet

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. See Sheet Attached

12. Ore or Mineral Reserves: See sheet attached

(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: See sheet attached

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

14. Water Supply: See sheet attached

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

15. Power: See sheet attached

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

16. Labor: See sheet attached

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

17. Equipment and Facilities: See sheet attached

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.

see sheet attached.

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 A O Curtis
(Signature of authorized official)

(Date)

Owner
(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

dma-1128

Supplement Sheet

May 4th,1951

Form MF-100

S.O.CURTIS
4500 North Central Avenue
Phoenix,Arizona.

#1. a&b Original sheet
2.a,b,c & d Original Sheet
I have a 12' x 12' Shaft in the mine 40' deep which has about 24' feet of water in it which we would use for mining purpoese.
3. (a) Rosalie Copper Mine located 28 Miles North-East on State and County Highway from Mayer, Yavapai County, Arizona.
b,c, & d on original sheet.
4. (a) During the year 1950 I spent $7,000.00 on the property. I built a road to mine tunnel,leveled off the mine entrance landing, cleaned out the mine tunnel and timbered where needed, installed 600' new 2" steel pipe air line, Installed 400' 16# rail track, bought some $800.00 worth of mining equipment including,(powder, jack-hammer, bits, fuses, hose, hand tools, black-smithing equipment and Misc.) expecting to get some private capitol to continue taking out ore and driving tunnel another 200' beyond the end of the present tunnel under an exposed high-grade lode which is exposed on the surface.
The private capitol failed me and it was necessary to stop operations and at present the property is idle.
(b)I was operating my own property with the guidance of a Licensed Mining Engineer and an expierenced foreman.
5.The property was operated from a prospect in 1901 to 1910 during which years some very high grade copper was shipped or hauled with wagon and teams. The property could be put back in operation within a few weeks (4 or 5) providing funds were available for Compressor, powder and pay-roll.
6. (a) Applicant has had close contact with the mining business for about ten years but I have agreed to hire a Licensed Mining Engineer and an expierenced mining foreman to supervise and operate the actual working of the property. I expect to be in full consultation and expediter for the mining operation.
7. (a,b & c) The property was oribinally filed on during the year 1901 and patented in 1906 by a corporation that spent in actual development and prodution approximately $500,000.00. They did produce and deliver to a smelter some very high-grade copper ore. However the Panic of 1909-10 caused them to shut down operations with the price of copper at about .04¢ I am told. Some of the Ore assayed in values up to 25% copper. The modes of transportation, their remoteness from Smelter facilities, road conditions and sources of supplies were very disheartening. They did have Copper Ore piled in considerable quantities for milling purposes and shut down waiting a more suitable time for putting in a mill. This was never done and during the following years they never did return to the property for an operation but continued to keep up their taxes. There were three other properties in the close area but as to what they actually produced I have no record or authentic information. The assement work is being kept up on those properties however to this date and I am told that they do intend if possible to re-open them. All reports concerning the Rosalie Copper Mine were made many years ago by engineers who are now deceased and so far I have been unable to trace any of them down. I haven't to date located a single person who actually worked on the property when it was in operation.

However in conversation with some few people who are still alive in the area of the mine and knew of it at the time it was operating, they state that is was a very good property and did produce some very good high-grade copper ore and some gold. In fact from a Mr.Cleator who was Statutory Agent for the Corporation the remark is made that it was one of the best properties in the early part of the century.

8. S.O.Curtis, 4500 North Central Ave., Phoenix,Arizona Owner. Estimated worth in real-estate and personal property $20,000.00
9. Individual ownership.
10. (1) Mined out a Boronite Kidney of about 8 tons which assayed with waste material 6% copper and enough gold and silver to get paid for from the Smelter
    (2) Approximately 8½ tons shipped to International Smelting, Miami, Arizona.
    (3) Answered in # 1.
11. With sufficient finances within 60 days we could be shipping 100 tons Copper Ore per month.
12. (a) The Copper minerals are deposited in a quartz formation and is found in Boronite and Malacit, Azurite and pyrites.
    (b) We have sampled the mine at many intervals but up to date I have not spent any money mapping or platting the tunnel. Assays made by reputable assayer average in Copper values from 2% to 29%. The higher values being in the oxide ore and deeper or farther back in the tunnel.
    (c) It is rather hard to determine tonnage since the tunnel was driven back under a mountain about 850' and they did not follow the lode body all the way. However at the extreme end of the tunnel there is a raise to the surface some 350' up which has good ore which averages in assay from 5.5% to 9.6% in copper plus some gold and silver values. This would require more air lines and rail to be taken out.
    There is evidence of some Molybdenum on the hanging wall but we have never assayed for this mineral.
13. It is twenty eight miles to Mayer,Arizona to A.T.&S.F.RR over state and county highway. However it would be just a cheap to ship the ore direct to the smelter by truck and less red-tape than shipp via RR. The county road is usable 95% of the time. Some times in the spring of the year they do have some heavy rains which make it impassable for made one or two days with loaded trucks. Food supply could be obtained within 18 miles. Living quarters for a small crew available adjacent to the property.
14. There is plenty water available for mining on the property and domestic water adjacent to the property.
    However if a mill should be installed water could be had within a mile from a big spring. I would only mine and ship the high-
    $$. grade ores at the present time.
15. My idea would be to use diesle power for the compressor and other mine equipment would be opreated by air. However there is a high voltage power line within two and one half miles from the mine portal which we have investigated and they would furnish us power if we wanted it.
16. For the time being and until we were ready for full or increased production I would only use a: Foreman, 2 Miners, 2 Muchers. This would require approximately a weekly expense of from $275.00 to 350.00 per week for labor. This labor would be done by people who no longer can work in the major mines and it would not take labor from the big mining projects.
    Of course there would be needs for more money for supplies such as: Compressor, pipe,rail,stoper,powder,bits and Misc.

17. Two good cabins in good livable condition with heating and wood cooking range and water for domesctic use.
Mine equipment includes: 600' new 2" pipe, 1200' new 16# rail, air hose, water hose, shovels, picks, turn sheets, mine car, utility car, blacksmithing eqpmt, hand tools, timbering, lumber and misc other essentials. This equipment is all new and in good condition.

18. To my knowledge I have covered so far as my engineer, foremand and my-self know that we would need. Of course in mining as other operations of this nature you never think of everything all at once that you will need when you get started.
We think and feel that with $30,000.00 this property could be a good producer in four months of not less than 50 tons per week.
We wouldn't need all of this money at one time but would want enough to get (compressor, powder, bits, powder and payroll) for a starter. The balance may not be needed at all but we would want enough backlog security that if our plan of operation did not progress with our expected program we could finish it.
The former owners surely didn't spend more than a million (Stock Sold) on this corporate property and then patent it without some just and good reason. After they stopped operations in 1910 they continued to pay their taxes on the patented property for many years. During this time no one else could take over or do anything with the property. It was after the taxes had gone delinquent that I got title to the preoperty.
Most of the original owners are deceased and the ones left are too old to be interested in mining. So little information from the original owners is available.
I have made several attempts to get private capitol on this venture but to date no help.
This property should be given some serious consideration if the U.S.A. really needs and wants copper ore in a hurry.
I have spent my personal capitol and I don't need part of the money for continued development and production but need it all as a loan which I would be will ing to pay back out of 10% of the gross production.
So far as an Engineering report or Geology report is concerned I can readily get that if need be, since any one that can walk and knows mineral ca n plainly see same on the property. Now as to volume under the ground. Probabaly by Diamond drilling we could develop quite considerable. However the stoper and picks can start taking ore out as soon as the equipment is placed on the ground and in place for the work to begin.
I would appreciate my name being listed so that in case of all out war and need of priorities that I will be registered as such.
I am still attempting to get private capitol.
The <u>Income Tax</u> and <u>Investment Tax</u> situation seems to be such that private capitol doesn't want to venture at this time.

Yours very truly,
S.O.Curtis
S.O.Curtis.

4500 North Central Ave.,
Phoenix, Arizona.

BUREAU OF MINES
WASHINGTON, D.C.

MAY 8 10 26 AM '51