FILE COPY
SURNAME:

Barr

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

RWimas

June 29, 1951

cc: Mr. Lyon
Mr. Barr
DMA FILES

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1523K; Steatite tale
Blue Star Mines, Ltd.
637 So. Anderson St.
Los Angeles 23, California

Denial recommended because:

1) Property is represented as being rather extensively developed and in production; need for and justification of additional exploration work not shown.

2) Proposed work program is entirely mining or preparation for mining and does not qualify as Exploration under PO-5.

We are forwarding the entire docket which includes:

1) Review of Application and attachments in duplicate
2) Memo from Executive Office of Field Team, Region IXI to DMA
3) Form DP 153 and attachments in triplicate
4) Form DP 100 and attachments in duplicate

James Barr
James A. Barr, Sr.

Approved:

Tom Lyon

Tom Lyon, Director
Supply Division

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

a. e. l.

June 29, 1951

Memorandum

To: Executive Secretary, DMA

From: Chief, Industrial Minerals Branch, DMA

Subject: DMA-1523X; Steatite talc
Blue Star Mines, Ltd.
667 So. Anderson St.
Los Angeles 23, California

Denial recommended because:

1) Property is represented as being rather extensively developed and in production; need for and justification of additional exploration work not shown.

2) Proposed work program is entirely mining or preparation for mining and does not qualify as Exploration under MO-5.

We are forwarding the entire docket which includes:

1) Review of Application and attachments in duplicate
2) Memo from Executive Office of Field Team, Region III to DMA
3) Form MF 103 and attachments in triplicate
4) Form MF 100 and attachments in duplicate

James A. Barr

James A. Barr, Sr.

Approved:

Tom Lyon

Tom Lyon, Director
Supply Division

FILE COPY
SURNAME:

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

cc: Mr. Strebel
Mr. Lyon
Mr. [illegible]
Field Team Region III (2)
DMA Files

June [illegible], 195[illegible]

[illegible]
[illegible]
Los Angeles [illegible], Calif.

Subject: DMA-[illegible]

Gentlemen:

Your application for aid for an exploration project on [illegible] deposit located at [illegible] Inyo County, California and docketed as DMA-[illegible] has been reviewed by this office.

Exploration projects as defined in [illegible], Regulations Governing [illegible] in Defense Exploration projects, must be confined to [illegible] to search for [illegible] or undeveloped sources of [illegible] [illegible] the work must be confined to a [illegible] delineation and sampling of the ore and may not include work [illegible] primarily for mining or preparation for mining.

A very careful study of your proposal revealed the following:

1) The property has a long history of [illegible] and is [illegible] to [illegible] economic [illegible]. [illegible] of Exploration [illegible] has not been [illegible].

2) The proposed work program as described in your application appears to be entirely mining or preparation for mining and does not come within the scope of Exploration as defined in [illegible].

Under these circumstances, your application for exploration aid to the extent of [illegible] of [illegible] is denied. Should additional information become available, we would be [illegible] to have you resubmit your proposal for consideration.

[illegible] that under certain circumstances [illegible] loans are available for [illegible] purposes. [illegible] of [illegible] can be [illegible] which meet consideration for [illegible] of aid. [illegible] forms are enclosed should you [illegible] to apply.

Sincerely yours,

Tom Lyon

Enclosures

Tom Lyon, Director

RWhisman

cc: Mr. Strobel
Mr. Lyon
Mr. Larr
Field Team Region III (2)
HRA Files

June 20, 1961

Lone Star Gas, Ltd.
607 So. Hudson St.
Los Angeles 33, Calif.

Subject: HA-1523-A

Gentlemen:

Your application for aid for an exploratory project on Contract Area designated as HA-1523-A in Los Angeles County, California and described as HA-1523-A has been received in this office.

Exploratory projects as defined in [illegible], exploratory drilling, seismic and other exploration projects, must be conducted in such manner as to avoid the danger of [illegible] to [illegible]; the [illegible] must be [illegible] to a reasonable [illegible] and [illegible] the [illegible] and include [illegible] presently [illegible] for [illegible].

[illegible] are required in order to [illegible]:

1. The property has a long history of [illegible] and is located in certain [illegible] areas. Past [illegible] and [illegible] of [illegible] have been [illegible].

2. The proposed work program as presented in project application appears to be [illegible] or [illegible] and does not [illegible] the scope of the [illegible] as defined in [illegible].

Under these circumstances, your application for exploratory aid to the extent of $[illegible] is [illegible] to consider. Should additional information be available, we would be glad to have it so that we may [illegible] for consideration.

We regret that we are unable at this time to give favorable consideration to your request. If the [illegible] reserves of [illegible] and [illegible] are substantiated, we would meet consideration for this type of aid. If [illegible] Fund aid [illegible] should you be able to [illegible].

Sincerely yours,

Tom Lyon

Director

RWhisman

FILE COPY
SURNAME:

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

June 15, 1951

Mr. Fern G. Spindler
Blue Star Mines, Ltd.
667 S. Anderson Street
Los Angeles 23, California

Subject: DMA-1523 X
Re: Exploration Loan -
Blue Star Mine

My dear Mr. Spindler:

Receipt is acknowledged of your application and attachments of May 25, 1951 from the BLUE STAR MINES, LTD. for a Government loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1523 X and referred to Mr. James A. Barr, Chief, Industrial Minerals Branch, on June 7, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1523 X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL;aec
cc: Strobel-2
Files
Mr. Barr
Mr. Lyon

Form MF-103
(April 1951)

U. 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-1523X

Date received 6/4/51

Participation

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 29 1951
SAN FRANCISCO, CALIFORNIA

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Name and address of applicant

Date May 25, 1951

FILL IN THIS BLOCK

Date of application May 25, 1951.

Estimated cost $15,000.00

Mineral or metal Talc(Steatite)

Percentage of Government participation 90%

Location of mine Big Pine, Inyo County California.

Date of filing MF-100 May 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. None
7. If lessee, attach a copy of the lease and state if it is in good standing. Not applicable.

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. Sheets attached
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)? As much as $10,000., if necessary to pay our part of the cost.

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

16—64067-1

Questions 1 through 5 answered on form MF-100

## 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. See attached sheet

(*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. See attached sheet

*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.

None

## THE EXPLORATION

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

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

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.

See Smith Emery Report attached to Form MF-100

## 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. See attached sheet

(*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. Should be in operation within 90 days.

## 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.

Blue Star Mines, Ltd. (Name of company) By Fern G. Spindler (Signature of authorized official)

May 25, 1951 (Date) Sec-Treas (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

Questions # 11 thru 14, and 16 thru 18 answered on form MF-100

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF 103
QUESTION 8

## PROFIT AND LOSS STATEMENT
## YEAR ENDING DECEMBER 31, 1950

| | | | |
|---|---|---|---|
| Sales | | $263,514.21 | |
| Less: Sales Discount | | 1,872.67 | $261,641.54 |
| **Cost of Goods Sold** | | | |
| Finished Goods Inventory 1/1/50 | | 25,557.97 | |
| Add: Cost of Goods Manufactured | | 194,967.88 | |
| Purchases | | 6,161.72 | |
| | | 226,687.57 | |
| Less: Finished Goods Inventory 12/31/50 | | 24,000.45 | 202,687.12 |
| | | | 58,954.42 |
| Purchases Discount & Prior Year Adjustment | | | 1,578.82 |
| Sales of Consigned Goods. | | | 259.26 |
| GROSS PROFIT | | | $60,792.50 |
| LESS: Selling Costs | | | |
| Salaries | 5,904.12 | | |
| Commissions | 4,579.81 | | |
| Auto Expenses | 1,495.06 | | |
| Warehouses | 3,474.70 | | |
| Miscellaneous | 1,631.61 | | |
| Payroll Taxes | 203.85 | | |
| Insurance | 246.38 | | |
| Freight | 14,400.20 | | |
| Depreciation | 853.58 | 32,789.31 | |
| General & Administrative Costs | | | |
| Salaries | 16,800.00 | | |
| Telephone & Postage | 721.28 | | |
| Office Supplies | 306.48 | | |
| Truck Expenses | 1,721.86 | | |
| Miscellaneous | 1,596.87 | | |
| Taxes | 1,916.70 | | |
| Insurance | 200.59 | | |
| Depreciation | 784.12 | | |
| Interest | 890.85 | | |
| Legal & Auditing. | 480.00 | | |
| Bad Debts | 135.76 | | |
| Warehouse Maintenance | 1,432.10 | 26,986.72 | 59,776.03 |
| NET PROFIT FOR YEAR 1950 | | | $1,016.47 |

# Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA
TELEPHONE ANgelus 1-1126

FORM MF-103
QUESTION 8

BALANCE SHEET
December 31, 1950.

| | | | |
|---|---|---|---|
| **ASSETS** | | | |
| **Current:** | | | |
| Cash | $5,054.92 | | |
| Accounts Receivable | 19,785.63 | $24,840.55 | |
| Intentories | | | |
| Raw Materials | 10,156.01 | | |
| Finished Goods | 24,000.45 | | |
| Sacks | 3,508.99 | 37,665.45 | $62,506.00 |
| Pallets | | | 1,621.38 |
| **Fixed:** | | | |
| Buildings: | 47,924.58 | | |
| Less: Reserve for Depr. | 20,469.69 | 27,454.89 | |
| Machinery & Eqipment | 50,047.74 | | |
| Less: Reserve for Depr. | 33,301.69 | 16,746.05 | |
| Spur Track | 9,422.46 | | |
| Less: Reserve for Depr | 9,422.46 | | |
| Automotive Equipment | 11,806.62 | | |
| Less: Reserve for Depr. | 6,583.43 | 5,223.19 | |
| Furniture & Fixtures | 1,385.86 | | |
| Less: Reserve for Depr. | 611.10 | 774.76 | 50,198.89 |
| **Land, Mill Sites & Claims** | | | |
| Blue Star Property | 39,631.12 | | |
| Claims, Nevada & Calif. | 21,401.75 | | |
| Power Line Extension | 800.00 | | |
| Miscl. Non-Depreciable Assets | 1,571.06 | | |
| Land..Los Angeles. | 2,500.00 | | |
| Mine Develpments | 23,315.99 | | 65,903.94 |
| | | | 23,315.99 |
| **Deferred Charges** | | | |
| Supplies & Parts | 1,931.59 | | |
| Leaseholds. | 416.32 | | |
| Stock Bonus | 16,200.00 | | |
| Organization Expense | 5,406.95 | | 23,954.86 |
| | TOTAL ASSETS. | | $227.501.06 |

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANgelus 1-1126

FORM MF103
Question 8

BALANCE SHEET
DECEMBER 31, 1950.

| | | | |
|---|---|---|---|
| **Liabilities** | | | |
| Current: | | | |
| Accounts Payable | | $21,616.10 | |
| Payroll Taxes | | 1,652.37 | |
| Accrued Payroll | | 12,851.81 | |
| Commissions | | 553.09 | |
| Notes Payable. | | 3,253.88 | $39,927.25 |
| Fixed: | | | |
| Notes Payable | | 12,466.73 | |
| Farmers & Merchants Bank | | 8,600.00 | |
| Reed Property | | 40,922.25 | 61,988.97 |
| John Spindler | | | |
| TOTAL LIABILITIES | | | $101,916.22 |
| **NET WORTH** | | | |
| Capital Stock: | | | |
| Preferred($1.00 Par) | $35,922.00 | | |
| Common ($1.00 Par) | 35,522.00 | 71,444.00 | |
| Donated Surplus | | 50,000.00 | |
| Earned Surplus 12/31/49 | 3,124.37 | | |
| Add: Profit for year 1950 | 1,016.47 | | |
| | | 4,140.84 | 125,584.84 |
| TOTAL LIABILITIES & NET WORTH | | | $227,501.06 |

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANgelus 1-1126

FORM MF-103

QUESTION: 10

(a) Located in Kidd Mountain.. 9 miles west of Big Pine.

(b) Four claims and two mill sites, namely:

Big Pine
Big Pine Extension
Big Pine #1
Big Pine #2
Big Pine Mill Site
Big Pine Creek Mill Site

Description and legal description are the same.

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF-103

QUESTION # 15.

Ore to be trucked eleven miles to our own well equipped Raymond Mill at Zurich, California and shipped from same point via truck to Southern Pacific R.R.Company

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF -103

QUESTION # 21

We are building road to talc out-crop with immediate prospect of open pit mining.. Production to begin in about 90 days. Untimate plans include tunnels, drifts, and cross-cuts.

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF103

QUESTION 23

(a) Three miners at $1.50 per hour
(b) ~~None~~ one supervisor( Mill superintendent .. $500.00 per month)
(c) None
(d) Bunker(installation) $700.00
(e) Bulldozer$4500.00; Jack hammer$300.00: Timbers(unknown)
(f) None
(g) $60.00 per day
(h) $400.00
(i) None

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-1523X

Date received 6/4/51

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Name and address of applicant

Date 5/25/51

## 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 N (Amortization deduction) of Internal Revenue Code, (5)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (X) 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.

## 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? Talc.
   (*b*) What are the byproducts, if any? Soapstone
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: See attached sheet
   (*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: See attached sheet
   (*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. Not in operation
   (*b*) Are you operating this property as:
   - [X] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin in about 90 days.
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. See attached sheet
7. History: See 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.

| 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) |
|---|---|---|---|---|---|---|---|
| John Spindler Burbank, Calif. | President | 12,000 | 85,000 | 35522 | 35922 | | |
| Fern G. Spindler Burbank, Calif. | Secy-Treas. | 4,800 | ... | ... | ... | | |
| Mabelle M. Getty Hermosa Beach, Calif. | Vice-Pres. | | ... | ... | ... | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 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 | $ 35,522 | $ | $ 1.00 | | |
| Preferred stock | $ 35,922 | $ | $ 1.00 | | |

*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) | NOT APPLICABBE. | | | | |
| 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. Not applicable.

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.

See Smith Emery Report attached.

(*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) | 10,000 to 15,000 tons | | $16.00 approx. | Inapplicable. | $12.00 |
| 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.

Good roads to camp site. 11 miles to Zurich, California, Shipping Point 9 miles to town of Big Pine.

14. Water Supply:

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

Stream runs through camp site.

15. Power:

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

Not applicable.

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.

See attached sheet

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

None.

**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.

Blue Star Mines, Ltd. (Name of company)

By Tom G. Spendlar (Signature of authorized official)

May 25 1951 (Date)

Sec Treas. (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

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-100

QUESTION: 2.

Blue Star Mine.. Open pit and underground workings.
Old Names Were: White Star, Kidd Mountain #1, and
Larkspur # 1.

(a) None
(b) None
(c) None
(d) None

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Form: MP-100

QUESTION 3.

(a) 8 miles west of Big Pine, California: 11 miles west of Zurich, California, shipping point.

(b) Kidd Mountain District

(c) North Slope of Kidd Mountain., Sierra Nevada Range, Calif.

(d) Inyo County, California.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MP-100

Question 6.

(a) Twenty years in the talc business.
(b) Mining Engineer, Charles V. Harris.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23, California.

FORM MP-100

QUESTION: 7

(a) Not applicable

(b) Started operations in 1931. In continuous production until 1943 when it became prohibitive to obtain timber due to cost. Production averaged about fifteen tons perday.

(C) Smith Emery Report of 1931.. See attached copy of same.

BLUE STAR MINES, LTD.
667 Sol Anderson St.
Los Angeles, 23,
California.

FORM MP-100
QUESTION # 7 (c)

REPORT OF CONSULTING ENGINEER OF SMITH EMERY COMPANY, Jan. 1, 1931.

## Mining Facilities

At the end of the truck road on the White Star No. 3 claim there is an ore bin capable of holding 50 tons of talc.

This is connected by a gravity tramway which traverses the White Star No. 2 claim, with another smaller loading bin. The length of the tramway is approximately twelve hundred feet in length. The loaded car descending hauls the empty car to the upper loading bin. A heavy sheave drum with powerful braking mechanism is situated at the upper end. All machinery and bins are properly housed. A tunnel connects the upper loading bin with an ore chute situated one hundred and twenty feet from the entrance. This ore chute is opened to the surface. All talc mined passes through this chute to a mine car, thence to the upper ore bin. This eliminates much unnecessary handling.

## TALC OCCURRENCES

The main talc occurrence is on the Talc Chief Claim. In the Kidd Mountain No. 1, Larkspur No. 1 and White Star Claims are outcrops of talc not yet developed to any extent. Hence, these as a source of talc may, for the present, be considered problematical.

## DEVELOPMENT

At present much talc of good quality is exposed by open cuts on the surface of the Talc Chief Claim for a distance of three hundred feet along the outcrop; further to the east, talc is exposed in three places by open cuts. A shaft has been sunk on the main exposure. An upraise from the tunnel level has been connected with the shaft. An ore chute runway has been constructed at the tunnel level. This tunnel is in one hundred thirty-five feet from its entrance. Owing to the talc being of a very heavy nature and to the seepage from the surface, it was found necessary to use heavy mine timbers the entire length of the tunnel.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM WE-100
Question 7(c) Continued.

GEOLOGY

The talc occurs in Serpentine, which appears to form the foot-wall. A Calcareous deposit of White Crystalline Calcium Carbonate forms the hanging wall. The general character of the Calcareous deposit indicates intense solfataric action, which probably played a prominent part in the metamorphosis of the Serpentine to a Steatite Talc. The Serpentine itself probably owes its present existence to the same solfataric action. The Serpentine is surrounded completely by granite which undoubtedly supplied the silicic acid necessary tot the metasilicated, Serpentine and Steatite(Talc). The Serpentine forms an irregular circle, its periphery being about eight hundred feet wide east and west, and about six hundred feet wide north and south. On the north side, the Serpentine, is at its greatest thickness, about one hundred feet thick. As it circles around the Calcareous deposit. it gradually narrows until on the south side it appears to be only few feet in thickness. The Calcareous deposit previously mentioned forms a plug or core. This deposit is roughly circular and is about five hundred feet in diameter. The Talc vein conforms generally to the contact of the Serpentine and Calcareous deposit. The average width of the Talc vein is about four feet. It is exposed for a continuous length of three hundred feet, and is developed to a depth of seventy-five feet which is the distance from the surface outcrop to the bottom of the tunnel level. Considerable development will have to be performed to determine the extent of the talc deposit. At present about seventy-two hundred tons are actually in sight.

QUALITY OF TALC

The average quality is a clear greenish high grade Soapstone out of which can be sorted by hand a very high grade Steatite free from lime and iron, in much demand by the cosmetic trade which is willing to pay a good price for this grade of talc. The second grade is in great demand by vulcanizers and the rubber trade generally, which pays a very satisfactory price for this talc which is marketed as Rubbermakers Soapstone.

CONCLUSION

The property is fully equipped and developed to enable the immediate mining of about seventy-two hundred tons of talc. This will take the stoping down to the tunnel level. With this work, the general direction of the vein will be determined, and from the knowledge gained, the future development of the deposit will be indicated. In all probability a winze should be sunk to a depth of at least one hundred feet below the tunnel level to determine the feasibility of driving a tunnel at a lower level.

**********

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-100

QUESTION # 17.

Camp house in good repaid.
Major pieces of equipment controlled and in serviceable condition for this operation are: Trucks (two)
Air compressor
Jack hamrer
Bunker, ready for installation.

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1523 X

Commodity Talc (steatite)

Total Amount $15,000 ±

Govt. Participation 90%

1. Name and Address of Applicant Blue Star Mines, Ltd.
667 So. Anderson St. Los Angeles 23, California

2. Location of Property 9 mi. West of Big Pine, Inyo County, California.

3. Mineral or metal Talc (steatite) Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good
b) Poor
c) None
d) Don't know—needs field examination - See attached sheet

From the amount of ore the applicant has and his intended plan of development this must be a fair talc prospect. From the description of the proposed work it appears that it is all development work and very little if any tion of the deposit is proposed.

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Owner.

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

Question (4)

Application DMA-1523 X-Blue Star Mines Ltd

This application will have to be denied as an exploration loan since the proposed work is development and will not explore the geology of the deposit any more than ordinary development work.

It is possible that the applicant could use diamond drilling as an exploration project, but even then it might be considered as development of the vein at depth.

If the applicant applies for a development loan, the project will have to be vetted by the field team.

J A Bedden 6/14/51

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Not given

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes.

Is a field check needed on this point? No

10. Exhibit A. (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? No

If not, what part of it is? Project is described as road building to permit open pit mining. Later plans call for tunnels, drilling + cross-cutting - apparently for development.

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? not given

f) Should more information be requested from applicant? Not necessary

g) Is a field examination necessary to complete Exhibit A? No

11. Exhibit B (question 23-d)*

a) Is it applicable? No - Bunker installation not exploration

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? No - not exploration

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No - not exploration.

14. Exhibit E (question 23-c)*

a) Is it applicable? None contemplated

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? - Not exploration - time probably sufficient for work proposed

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: Donald M. Purdy

B of M

Date 6/11/51



97692

6/11/51

Document No - DMA. 1523 X

Recommendation -

The work proposed is for development + production purposes & if applicant can pay the $10,000 which is offered he can do what work is necessary for the project.

JMB

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA 1523 X

Commodity Talc (steatite)

Total Amount $15,000.00

Govt. Participation 90%

1. Name and Address of Applicant Blue Star Mines, Ltd.
667 So. Anderson St. Los Angeles 23, California

2. Location of Property 9 mi. West of Big Pine, Inyo County, California.

3. Mineral or metal Talc (steatite) Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) Good
b) Poor
c) None
d) Don't know—needs field examination See attached sheet

From the amount of ore the applicant has and his intended plan of development this must be a rain-tope prospect. From the description of the proposed work it appears that it is all development work and very little if any geologic exploration of the property is proposed.

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? Owner

Does the lease have sufficient time to run to cover a future productive period?

*question numbers are those of MF-103

Question (4)

Application DMA-152 3X-Blue Star Mines Ltd

This application will have to be denied as an exploration loan as the proposed work is development and will not explore the geology of the deposit any more than ordinary development work.

It is possible that the applicant could use diamond drilling on an exploration project, but even then it would be considered as development of the vein at depth.

If the applicant applies for a development loan, the project will have to be inspected by the field team.

J. Preston 6/14/81

7. Are subordination agreements necessary? No

a) MF-201? _____

b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

a) Available manpower Yes

b) Equipment and supplies Yes
(Question 14 plus general knowledge of availability)*

c) Accessibility (question 12)* Yes

d) Water (question 13)* Yes

e) Power (question 13)* Not given

Is a field check needed on any of these points? No

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* Yes.

Is a field check needed on this point? No

10. Exhibit A: (questions 21 and 22)*

a) Is the project adequately described? No

If not, are there sufficient data given so that you can describe the project? No If so, attach a draft.

b) Is there an adequate map or sketch of the proposed work? No

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? No

If not, what part of it is? Project is described as road building to permit open pit mining. Later plans call for tunnels, drifting + cross-cutting - apparently for development.

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed? No

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? No If so, attach a draft.

e) Are the cost estimates reasonable? not given

f) Should more information be requested from applicant? Not necessary

g) Is a field examination necessary to complete Exhibit A? No

11. Exhibit B (question 23-d)*

a) Is it applicable? No - Bunker installation not exploration

b) If so, are sufficient data furnished? — If so, attach a draft.

c) Is a field check needed? No

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? No - not exploration

b) Sufficient data?_____ If so, attach a draft.

c) Are rents and charges reasonable?_____

d) Is a field check needed? No

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? No

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? No

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? No - not exploration.

14. Exhibit E (question 23-c)*

a) Is it applicable? None contemplated

b) Sufficient data? —

c) Reasonable? —

d) Field check needed? No

15. In your judgment, can the proposed work be done in the proposed time? Not exploration - time probably sufficient for work proposed.

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: Donald McCarty

B of M.

Date 6/11/51



97692

6/11/51

Do[illegible]#16 - DMA. 1523 X

Recommendation -

The work proposed if for development & production purposes & if applicant can pay the $10,000 which is offered he can do what work is necessary for the project.

[illegible]

Defense Minerals Administration
Reference Slip

Date 6/7

To: 1. Barr
2. Hasbury
3.
4.

DMA 1523X

For Action ✓
Reply
Information
Remarks:

Sender LANDON F. STROBEL
DN

3
Mr. Strobel

DMA 1523X

Forwarded to

Branch

Date

Sender

2
Mr. Strobel

DMA 1523X

Forwarded to

Branch

Date

Sender

1
Mr. Strobel

DMA 1523X

Forwarded to

Branch

Date

Sender

92758

Dma-1523X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Region III

1415 Appraisers Bldg.
630 Sansome Street
San Francisco 11, Calif.

May 31, 1951

Memorandum

To: Defense Minerals Administration, Washington, D. C.

From: Executive Officer, DMA Field Team, Region III

Subject: Application for Aid for an Exploration Project

The attached application was received in this office on May 29, 1951.

Applicant: Blue Star Mines, Ltd.
667 So. Anderson St.
Los Angeles 23, California

Date of Application: May 25, 1951

Estimated Cost: $15,000.00

Mineral or Metal: Talc (Steatite)

Percentage of Government Participation: 90%

Location of Mine: Big Pine, Inyo County, California

H. C. Miller

H. C. Miller
Executive Officer, DMA Field Team
Region III

P.S. Set MF-100 also attached.

| Refer to | Noted | Date |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| Answered | | |

DEPARTMENT OF INTERIOR
BUREAU OF MINES
REGION III
RECEIVED
MAY 2 9 1951
SAN FRANCISCO, CALIFORNIA

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-1593X

Date received 6/4/51

Participation

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Name and address of applicant

Date May 25, 1951.

FILL IN THIS BLOCK

Date of application May 25, 1951.

Estimated cost $15,000.00

Mineral or metal Talc (Steatite)

Percentage of Government participation 90%

Location of mine Big Pine, Inyo County California.

Date of filing MF-100 May 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. None
7. If lessee, attach a copy of the lease and state if it is in good standing. Not applicable

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. Sheets attached
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)? As much as $10,000., if necessary to pay our part of the cost

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

16—64067-1

Questions 1 through 5 answered on form MF-100

## 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. See attached sheet

(*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. See attached sheet

*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.
None

## THE EXPLORATION

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

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

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.
See Smith Emery Report attached to Form MF-100

## 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. See attached sheet

(*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. Should be in operation within 90 days.

## 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.

Blue Star Mines, Ltd. (Name of company)

By Geo. T. Spendler (Signature of authorized official)

May 25, 1951 (Date)

Sec. Treas. (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

Questions # 11 thru 14, and 16 thru 18 answered on form MF-100

FORM MF 103
QUESTION 8

BLUE STAR MINES, LTD.
667 So. Anderson Street.
Los Angeles, 23,
California.

## PROFIT AND LOSS STATEMENT
## YEAR ENDING DECEMBER 31, 1950

| | | | |
|---|---|---|---|
| Sales | | $263,514.21 | |
| Less: Sales Discount | | 1,872.67 | $261,641.54 |
| **Cost of Goods Sold** | | | |
| Finished Goods Inventory 1/1/50 | | 25,557.97 | |
| Add: Cost of Goods Manufactured | | 194,967.88 | |
| Purchases | | 6,161.72 | |
| | | 226,687.57 | |
| Less: Finished Goods Inventory 12/31/50 | | 24,000.45 | 202,687.12 |
| | | | 58,954.42 |
| Purchases Discount & Prior Year Adjustment | | | 1,578.82 |
| Sales of Consigned Goods. | | | 259.26 |
| | GROSS PROFIT | | $60,792.50 |
| LESS: Selling Costs | | | |
| Salaries | 5,904.12 | | |
| Commissions | 4,579.81 | | |
| Auto Expenses | 1,495.06 | | |
| Warehouses | 3,474.70 | | |
| Miscellaneous | 1,631.61 | | |
| Payroll Taxes | 203.85 | | |
| Insurance | 246.38 | | |
| Freight | 14,400.20 | | |
| Depreciation | 853.58 | 32,789.31 | |
| General & Administrative Costs | | | |
| Salaries | 16,800.00 | | |
| Telephone & Postage | 721.28 | | |
| Office Supplies | 306.48 | | |
| Truck Expenses | 1,721.86 | | |
| Miscellaneous | 1,596.87 | | |
| Taxes | 1,916.70 | | |
| Insurance | 200.59 | | |
| Depreciation | 784.12 | | |
| Interest | 890.85 | | |
| Legal & Auditing. | 480.00 | | |
| Bad Debts | 135.76 | | |
| Warehouse Maintenance | 1,432.10 | 26,986.72 | 59,776.03 |
| | NET PROFIT FOR YEAR 1950 | | $1,016.47 |

FORM MF 103

QUESTION 8

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

BALANCE SHEET
December 31, 1950.

| | | | |
|---|---|---|---|
| **ASSETS** | | | |
| **Current:** | | | |
| Cash | $5,054.92 | | |
| Accounts Receivable | 19,785.63 | $24,840.55 | |
| Intentories | | | |
| Raw Materials | 10,156.01 | | |
| Finished Goods | 25,000.45 | | |
| Sacks | 3,508.99 | 37,665.45 | $62,506.00 |
| Pallets | | | 1,621.38 |
| **Fixed:** | | | |
| Buildings: | 47,924.58 | | |
| Less: Reserve for Depr. | 20,469.69 | 27,454.89 | |
| Machinery & Eqipment | 50,047.74 | | |
| Less: Reserve for Depr. | 33,301.69 | 16,746.05 | |
| Spur Track | 9,422.46 | | |
| Less: Reserve for Depr | 9,422.46 | | |
| Automotive Equipment | 11,806.62 | | |
| Less: Reserve for Depr. | 6,583.43 | 5,223.19 | |
| Furniture & Fixtures | 1,385.86 | | |
| Less: Reserve for Depr. | 611.10 | 774.76 | 50,198.89 |
| **Land, Mill Sites & Claims** | | | |
| Blue Star Property | 39,631.12 | | |
| Claims, Nevada & Calif. | 21,401.75 | | |
| Power Line Extension | 800.00 | | |
| Miscl. Non-Depreciable Assets | 1,571.06 | | |
| Land..Los Angeles. | 2,500.00 | | |
| Mine Develppments | 23,315.99 | | 65,903.94 |
| | | | 23,315.99 |
| **Deferred Charges** | | | |
| Supplies & Parts | 1,931.59 | | |
| Leaseholds. | 416.32 | | |
| Stock Bonus | 16,200.00 | | |
| Organization Expense | 5,406.95 | | 23,954.86 |
| | TOTAL ASSETS. | | $227.501.06 |

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF 103
QUESTION 8

## BALANCE SHEET
## DECEMBER 31, 1950.

**Liabilities**

**Current:**

| | | |
|---|---|---|
| Accounts Payable | $21,616.10 | |
| Payroll Taxes | 1,652.37 | |
| Accrued Payroll | 12,851.81 | |
| Commissions | 553.09 | |
| Notes Payable. | 3,253.89 | $39,927.25 |

**Fixed:**

| | | |
|---|---|---|
| Notes Payable | 12,466.73 | |
| Farmers & Merchants Bank | 8,600.00 | |
| Reed Property | 40,922.25 | 61,988.97 |
| John Spindler | | |
| TOTAL LIABILITIES | | $101,916.22 |

**NET WORTH**

| | | | |
|---|---|---|---|
| Capital Stock: | | | |
| Preferred ($1.00 Par) | $35,922.00 | | |
| Common ($1.00 Par) | 35,522.00 | 71,444.00 | |
| Donated Surplus | | 50,000.00 | |
| Earned Surplus 12/31/49 | 3,124.37 | | |
| Add: Profit for year 1950 | 1,016.47 | | |
| | | 4,140.84 | 125,584.84 |
| TOTAL LIABILITIES & NET WORTH | | | $227,501.06 |

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MP-103

QUESTION: 10

(a) Located in Kidd Mountain.. 9 miles west of Big Pine.

(b) Four claims and two mill sites, namely:

Big Pine
Big Pine Extension
Big Pine #1
Big Pine #2
Big Pine Mill Site
Big Pine Creek Mill Site

Description and legal description are the same.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-103

QUESTION # 15.

Ore to to trucked eleven miles to our own well equipped Raymond Mill at Zurich, California and shipped from same point via truck to Southern Pacific R.R.Company

BLUE STAR MINES,LTD.
667 Sol Anderson St.,
Los Angeles, 23,
California.

FORM MF -103

QUESTION # 21

We are building road to talc out-crop with immediate prospect of open pit mining.. Production to begin in about 90 days. Ultimate plans include tunnels, drifts, and cross-cuts.

BLUE STAR MINES,LTD.

667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF103

QUESTION 23

(a) Three miners at $1.50 per hour
(b) ~~None~~ one supervisor( Mill superintendent .. $500.00 per month)
(c) None
(d) Bunker(installation) $700.00
(e) Bulldozer $4500.00; Jack hammer $300.00: Timbers(unknown)
(f) None
(g) $60.00 per day
(h) $400.00
(i) None

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-1523X

Date received 6/4/51

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Name and address of applicant

Date 5/25/51

## 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)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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.

## 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? Talc
   (*b*) What are the byproducts, if any? Soapstone
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: See attached sheet
   (*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: See attached sheet
   (*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 not in operation
   (*b*) Are you operating this property as:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production none

   If not in production or operation, estimated date when production will begin in about 90 days
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. See attached sheet
7. History: See 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.

| 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) |
|---|---|---|---|---|---|---|---|
| John Spindler<br>Burbank, Calif. | President | 12,000 | 85,000 | 35522 | 35922 | | |
| Fern G. Spindler<br>Burbank, Calif. | Secy-Treas. | 4,800 | ... | ... | ... | | |
| Mabelle M. Getty<br>Hermosa Beach, Calif. | Vice Pres. | | ... | ... | ... | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 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 | $ 35,522 | $ | $ 1.00 | | |
| Preferred stock | $ 35,922. | $ | $ 1.00 | | |

*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) | NOT APPLICABLE. | | | | |
| 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. Not applicable.

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. See Smith Emery Report attached.

(*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) | 10,000 to 15,000 tons | | $16.00 approx. | Inapplicable | $12.00 |
| 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.

Good roads to camp site. 11 miles to Zurich, Calif. Shipping point. 9 miles to Town of Big Pine.

14. Water Supply:

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

Stream runs through camp site

15. Power:

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

Not applicable.

16. Labor:

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

Not applicable.

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.

See attached sheet

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

None.

**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.

Blue Star Mines Ltd
(Name of company)

By Fern G. Spindler
(Signature of authorized official)

May 25, 1951
(Date)

Secy Treas.
(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

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANgelus 1-1126

FORM MF-100

QUESTION: 2.

Blue Star Mine.. Open pit and underground workings.
Old Names Were: White Star, Kidd Mountain #1, and Larkspur # 1.

(a) None
(b) None
(c) None
(d) None

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

Form: MF-100

QUESTION 3.

(a) 9 miles west of Big Pine, California: 11 miles west of Zurich, California, shipping point.

(b) Kidd Mountain District

(c) North Slope of Kidd Mountain.. Sierra Nevada Range, Calif.

(d) Inyo County, California.

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF-100

Question 6.

(a)Twenty years in the talc business.
(b)Mining Engineer, Charles V. Harris.

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF-100

QUESTION: 7

(a) Not applicable

(b) Started operations in 1931. In continuous production until 1943 when it became prohibitive to obtain timber due to cost. Production averaged about fifteen tons perday.

(C) Smith Emery Report of 1931.. See attached copy of same.

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF-100
QUESTION # 7 (c)

REPORT OF CONSULTING ENGINEER OF SMITH EMERY COMPANY, Jan.1, 1931.

Mining Facilities

At the end of the truck road on the White Star No. 3 claim there is an ore bin capable of holding 50 tons of talc.

This is connected by a gravity tramway which traverses the White Star No. 2 claim, with another smaller loading bin. The length of the tramway is approximately twelve hundred feet in length. The loaded car descending hauls the empty car to the upper loading bin. A heavy sheave drum with powerful braking mechanism is situated at the upper end, All machinery and bins are properly housed. A tunnel connects the upper loading bin with an ore chute situated one hundred and twenty feet from the entrance. This ore chute is opened to the surface, All talc mined passes through this chute to a mine car, thence to the upper ore bin. This eliminates much unnecessary handling.

TALC OCCURRENCES

The main talc occurrence is on the Talc Cheif Claim. In the Kidd Mountain No. 1, Larkspur No. 1 and White Star Claims are outcrops of talc not yet developed to any extent. Hence, these as a source of talc may, for the present, be considered problematical.

DEVELOPMENT

At present much talc of good quality is exposed by open cuts on the surface of the Talc Cheif Claim for a distance of three hundred feet along the outcrop; further to the east, talc is exposed in three places by open cuts. A shaft has been sunk on the main exposure. An upraise from the tunnel level has been connected with the shaft. An ore chute runway has been constructed at the tunnel level. This tunnel is in one hundred thirty-five feet from its entrance. Owing to the talc being of a very heavy nature and to the seepage from the surface, it was found necessary to use heavy mine timbers the entire length of the tunnel.

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF-100
Question #7(c) Continued.

## GEOLOGY

The talc occurs in Serpentine, which appears to form the footwall. A Calcareous deposit of White Crystalline Calcium Carbonate forms the hanging wall. The general character of the Calcareous deposit indicates intense solfataric action, which probably played a prominent part in the metamorphosis of the Serpentine to a Steatite Talc. The Serpentine itself probably owes its present existence to the same solfataric action. The Serpentine is surrounded completely by granite which undoubtedly supplied the silicic acid necessary to the metasilicated, Serpentine and Steatite(Talc). The Serpentine forms an irregular circle, its periphery being about eight hundred feet wide east and west, and about six hundred feet wide north and south. On the north side, the Serpentine, is at its greatest thickness, about one hundred feet thick. As it circles around the Calcareous deposit. it gradually narrows until on the south side it appears to be only few feet in thickness. The Calcareous deposit previously mentioned forms a plug or core. This deposit is roughly circular and is about five hundred feet in diameter. The Talc vein conforms generally to the contact of the Serpentine and Calcareous deposit. The average width of the Talf vein is about four feet. It is exposed for a continuous length of three hundred feet, and is developed to a depth of seventy-five feet which is the distance from the surface outcrop to the bottom of the tunnel level. Considerable development will have to be performed to determine the extent of the talc deposit. At present about seventy-two hundred tons are actually in sight.

## QUALITY OF TALC

The average quality is a clear greenish high grade Soapstone out of which can be sorted by hand a very high grade Steatite free from lime and iron, in much demand by the cosmetic trade which is willing to pay a good price for this grade of talc. The second grade is in great demand by vulcanizers and the rubber trade generally, which pays a very satisfactory price for this talc which is marketed as Rubbermakers Soapstone.

## CONCLUSION

The property is fully equipped and developed to enable the immediate mining of about seventy-two hundred tons of talc. This will take the stoping down to the tunnel level. With this work, the general direction of the vein will be determined, and from the knowledge gained, the future development of the deposit will be indicated. In all probability a winze should be sunk to a depth of at least one hundred feet below the tunnel level to determine the feasibility of driving a tunnel at a lower level.

**********

Blue Star Mines, Ltd.

667 SOUTH ANDERSON STREET • LOS ANGELES 23 • CALIFORNIA

TELEPHONE ANGELUS 1-1126

FORM MF-100

QUESTION # 17.

Camp house in good repaid.
Major pieces of equipment controlled and in serviceable condition for this operation are: Trucks (two)
Air compressor
Jack hammer
Bunker, ready for installation.

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 - 1523 X

Date received 6/4/51

Participation

BLUE STAR MINES, LTD.
667So. Anderson St.,
Los Angeles, 23,
California.

Name and address of applicant

Date May 25, 1951.

FILL IN THIS BLOCK

Date of application May 25, 1951.

Estimated cost $15,000.00

Mineral or metal Talc(Steatite)

Percentage of Government participation 90%

Location of mine Big Pine, Inyo County California.

Date of filing MF-100 May 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. None
7. If lessee, attach a copy of the lease and state if it is in good standing. Not applicable

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. Sheets attached
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)? As much as $10,000., if necessary to pay our part of the cost.

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

16—64067-1

Questions 1 through 5 answered on form MF-100

## 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. See attached sheet

(*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. See attached sheet

*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.
None

## THE EXPLORATION

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

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

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.
See Smith Emery Report attached to Form MF-100

## 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. See attached sheet

(*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. Should be in operation within 90 days.

## 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.

Blue Star Mines, Ltd. (Name of company) By Jean G. Spindler (Signature of authorized official)

May 25, 1957 (Date) Secy Treas (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

Questions # 11 thru 14, and 16 thru 18 answered on form MF-100

BLUE STAR MINES, LTD.
667 So. Anderson Street.
Los Angeles, 23,
California.

FORM MF 103
QUESTION 8

## PROFIT AND LOSS STATEMENT
## YEAR ENDING DECEMBER 31, 1950

| | | | |
|---|---|---|---|
| Sales | | $263,514.21 | |
| Less: Sales Discount | | 1,872.67 | $261,641.54 |
| **Cost of Goods Sold** | | | |
| Finished Goods Inventory 1/1/50 | | 25,537.97 | |
| Add: Cost of Goods Manufactured | | 194,967.88 | |
| Purchases | | 6,161.72 | |
| | | 226,687.57 | |
| Less: Finished Goods Inventory 12/31/50 | | 24,000.45 | 202,687.12 |
| | | | 58,954.42 |
| Purchases Discount & Prior Year Adjustment | | | 1,578.82 |
| Sales of Consigned Goods. | | | 259.26 |
| | GROSS PROFIT | | $60,792.50 |
| LESS: Selling Costs | | | |
| Salaries | 5,904.12 | | |
| Commissions | 4,579.81 | | |
| Auto Expenses | 1,495.06 | | |
| Warehouses | 3,474.70 | | |
| Miscellaneous | 1,631.61 | | |
| Payroll Taxes | 203.85 | | |
| Insurance | 246.38 | | |
| Freight | 14,400.20 | | |
| Depreciation | 853.58 | 32,789.31 | |
| General & Administrative Costs | | | |
| Salaries | 16,800.00 | | |
| Telephone & Postage | 721.28 | | |
| Office Supplies | 306.48 | | |
| Truck Expenses | 1,721.86 | | |
| Miscellaneous | 1,586.87 | | |
| Taxes | 1,916.70 | | |
| Insurance | 200.59 | | |
| Depreciation | 784.12 | | |
| Interest | 890.85 | | |
| Legal & Auditing. | 480.00 | | |
| Bad Debts | 135.76 | | |
| Warehouse Maintenance | 1,432.10 | 26,986.72 | 59,776.03 |
| | NET PROFIT F R YEAR 1950 | | $1,016.47 |

FORM MF 103
QUESTION 8

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

## BALANCE SHEET
## December 31, 1950.

**ASSETS**

| | | | |
|---|---|---|---|
| **Current:** | | | |
| Cash | $5,054.92 | | |
| Accounts Receivable | 19,785.63 | $24,840.55 | |
| Intentories | | | |
| Raw Materials | 10,156.01 | | |
| Finished Goods | 28,000.45 | | |
| Sacks | 3,508.99 | 32,665.45 | $62,506.00 |
| Pallets | | | 1,621.38 |
| **Fixed:** | | | |
| Buildings: | 47,924.58 | | |
| Less: Reserve for Depr. | 20,469.69 | 27,454.89 | |
| Machinery & Eqipment | 50,047.74 | | |
| Less: Reserve for Depr. | 33,301.69 | 16,746.05 | |
| Spur Track | 9,422.46 | | |
| Less: Reserve for Depr | 9,422.46 | | |
| Automotive Equipment | 11,806.62 | | |
| Less: Reserve for Depr. | 6,583.43 | 5,223.19 | |
| Furniture & Fixtures | 1,385.86 | | |
| Less: Reserve for Depr. | 611.10 | 774.76 | 50,198.89 |
| **Land, Mill Sites & Claims** | | | |
| Blue Star Property | 39,631.12 | | |
| Claims, Nevada & Calif. | 21,401.75 | | |
| Power Line Extension | 800.00 | | |
| Misel. Non-Depreciable Assets | 1,571.06 | | |
| Land..Los Angeles. | 2,500.00 | | |
| Mine Develppments | 23,315.99 | | 65,903.94 |
| | | | 23,315.99 |
| **Deferred Charges** | | | |
| Supplies & Parts | 1,931.59 | | |
| Leaseholds. | 416.32 | | |
| Stock Bonus | 16,200.00 | | |
| Organization Expense | 5,406.95 | | 23,954.86 |
| | TOTAL ASSETS. | | $227,501.06 |

FORM MF103
QUESTION 8

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

## BALANCE SHEET
## DECEMBER 31, 1950.

**Liabilities**

Current:

| | | |
|---|---|---|
| Accounts Payable | $21,616.10 | |
| Payroll Taxes | 1,652.37 | |
| Accrued Payroll | 12,851.81 | |
| Commissions | 553.09 | |
| Notes Payable. | 3,253.88 | $39,927.25 |

Fixed:

| | | |
|---|---|---|
| Notes Payable | 12,466.73 | |
| Farmers & Merchants Bank | 8,600.00 | |
| Reed Property | 40,922.25 | 61,988.97 |
| John Spindler | | |
| TOTAL LIABILITIES | | $101,916.22 |

NET WORTH

| | | | |
|---|---|---|---|
| Capital Stock: | | | |
| Preferred($1.00 Par) | $35,922.00 | | |
| Common ($1.00 Par) | 35,522.00 | 71,444.00 | |
| Donated Surplus | | 50,000.00 | |
| Earned Surplus 12/31/49 | 3,124.37 | | |
| Add: Profit for year 1950 | 1,016.47 | | |
| | | 4,140.84 | 125,584.84 |
| TOTAL LIABILITIES & NET WORTH | | | $227,501.06 |

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MP-103

QUESTION: 10

(a) Located in Kidd Mountain.. 9 miles west of Big Pine.

(b) Four claims and two mill sites, namely:

Big Pine
Big Pine Extension
Big Pine #1
Big Pine #2
Big Pine Mill Site
Big Pine Creek Mill Site

Description and legal description are the same.

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-103

QUESTION # 15.

Ore to be trucked eleven miles to our own well equipped Raymond Mill at Zurich, California and shipped from same point via truck to Southern Pacific R.R.Company

BLUE STAR MINES, LTD.
667 Sol Anderson St.,
Los Angeles, 23,
California.

FORM MF -103

QUESTION # 21

We are building road to talc out-crop with immediate prospect of open pit mining.. Production to begin in about 90 days. Untimate plans include tunnels, drifts, and cross-cuts.

BLUE STAR MINES,LTD.

667 So. Anderson St.,
Los Angeles, 23,
California.

FORM NP103

QUESTION 23

(a)Three miners at $1.50 per hour
(b) ~~None~~ one supervisor( Mill superintendent .. $500.00 per month)
(c) None
(d) Bunker(installation) $700.00
(e) Bulldozer $4500.00; Jack hammer $300.00: Timbers(unknown)
(f) None
(g) $60.00 per day
(h) $400.00
(i) None

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 - 1523X

Date received 6/4/51

Participation

BLUE STAR MINES, LTD.
667 So. Anderson St..
Los Angeles, 23,
California.

Name and address of applicant

Date May 25, 1951.

FILL IN THIS BLOCK

Date of application May 25, 1951.

Estimated cost $15,000.00

Mineral or metal Talc(Steatite)

Percentage of Government participation 90%

Location of mine Big Pine, Inyo County California.

Date of filing MF-100 May 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. None
7. If lessee, attach a copy of the lease and state if it is in good standing. Not applicable.

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. Sheets attached.
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)? As much as $10,000., if necessary to pay our part of the cost.

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

16—64067-1

Questions 1 through 5 answered on form MF-100

## 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. See attached sheet

(*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. See attached sheet

*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.
None

## THE EXPLORATION

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

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

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.
See Smith Emery Report attached to Form MF-100

## 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. See attached sheet

(*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. Should be in operation within 90 days.

## 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.

Blue Star Mines, Ltd. (Name of company) By Sam G. Spendlee (Signature of authorized official)

May 25, 1951 (Date) Sec-Treas. (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

Questions #11 thru 14, and 16 thru 18 answered on form MF-100

BLUE STAR MINES, LTD.
667 So. Anderson Street.
Los Angeles, 23,
California.

FORM MF103
QUESTION 8

PROFIT AND LOSS STATEMENT
YEAR ENDING DECEMBER 31, 1950

| | | | |
|---|---|---|---|
| Sales | | $263,514.21 | |
| Less: Sales Discount | | 1,872.67 | $261,641.54 |
| **Cost of Goods Sold** | | | |
| Finished Goods Inventory 1/1/50 | | 25,537.97 | |
| Add: Cost of Goods Manufactured | | 194,967.88 | |
| Purchases | | 6,161.72 | |
| | | 226,687.57 | |
| Less: Finished Goods Inventory 12/31/50 | | 24,000.45 | 202,687.12 |
| | | | 58,954.42 |
| Purchases Discount & Prior Year Adjustment | | | 1,578.82 |
| Sales of Consigned Goods. | | | 259.26 |
| | GROSS PROFIT | | $60,792.50 |
| LESS: **Selling Costs** | | | |
| Salaries | 5,904.12 | | |
| Commissions | 4,579.81 | | |
| Auto Expenses | 1,495.06 | | |
| Warehouses | 3,474.70 | | |
| Miscellaneous | 1,631.61 | | |
| Payroll Taxes | 205.85 | | |
| Insurance | 246.38 | | |
| Freight | 14,400.20 | | |
| Depreciation | 852.58 | 32,789.31 | |
| **General & Administrative Costs** | | | |
| Salaries | 16,800.00 | | |
| Telephone & Postage | 721.28 | | |
| Office Supplies | 306.48 | | |
| Truck Expenses | 1,721.86 | | |
| Miscellaneous | 1,596.87 | | |
| Taxes | 1,916.70 | | |
| Insurance | 200.59 | | |
| Depreciation | 784.12 | | |
| Interest | 850.85 | | |
| Legal & Auditing. | 480.00 | | |
| Bad Debts | 136.76 | | |
| Warehouse Maintenance | 1,432.10 | 26,986.72 | 59,776.03 |
| | NET PROFIT F R YEAR 1950 | | $1,016.47 |

FORM MF103
QUESTION 8

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

BALANCE SHEET
December 31, 1950.

| | | | |
|---|---|---|---|
| **ASSETS** | | | |
| **Current:** | | | |
| Cash | $5,054.92 | | |
| Accounts Receivable | 19,785.63 | $24,840.55 | |
| Inventories | | | |
| Raw Materials | 10,156.01 | | |
| Finished Goods | 28,000.45 | | |
| Sacks | 3,508.99 | 39,665.45 | $62,506.00 |
| Pallets | | | 1,621.38 |
| **Fixed:** | | | |
| Buildings: | 47,924.58 | | |
| Less: Reserve for Depr. | 20,469.69 | 27,454.89 | |
| Machinery & Equipment | 50,047.74 | | |
| Less: Reserve for Depr. | 33,301.69 | 16,746.05 | |
| Spur Track | 9,422.46 | | |
| Less: Reserve for Depr | 9,422.46 | | |
| Automotive Equipment | 11,806.62 | | |
| Less: Reserve for Depr. | 6,583.43 | 5,223.19 | |
| Furniture & Fixtures | 1,385.86 | | |
| Less: Reserve for Depr. | 611.10 | 774.76 | 50,198.89 |
| **Land, Mill Sites & Claims** | | | |
| Blue Star Property | 30,631.12 | | |
| Claims, Nevada & Calif. | 21,401.75 | | |
| Power Line Extension | 800.00 | | |
| Misel. Non-Depreciable Assets | 1,571.06 | | |
| Land..Los Angeles. | 2,500.00 | | |
| **Mine Developments** | 23,315.99 | | 65,903.94 |
| | | | 23,315.99 |
| **Deferred Charges** | | | |
| Supplies & Parts | 1,931.59 | | |
| Leaseholds. | 416.32 | | |
| Stock Bonus | 16,200.00 | | |
| Organization Expense | 5,408.95 | | 23,956.86 |
| | TOTAL ASSETS. | | $227,501.06 |

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF103
Question 8

## BALANCE SHEET
## DECEMBER 31, 1950.

**Liabilities**

**Current:**

| | | |
|---|---|---|
| Accounts Payable | $21,616.10 | |
| Payroll Taxes | 1,652.37 | |
| Accrued Payroll | 12,851.81 | |
| Commissions | 553.09 | |
| Notes Payable. | 3,253.88 | $39,927.25 |

**Fixed:**

| | | |
|---|---|---|
| Notes Payable | 12,466.73 | |
| Farmers & Merchants Bank | 8,600.00 | |
| Reed Property | 40,922.25 | 61,988.97 |
| John Spindler | | |
| TOTAL LIABILITIES | | $101,916.22 |

**NET WORTH**

| | | | |
|---|---|---|---|
| Capital Stock: | | | |
| Preferred($1.00 Par) | $35,922.00 | | |
| Common ($1.00 Par) | 35,522.00 | 71,444.00 | |
| Donated Surplus | | 50,000.00 | |
| Earned Surplus 12/31/49 | 3,124.37 | | |
| Add: Profit for year 1950 | 1,016.47 | | |
| | | 4,140.84 | 125,584.84 |
| TOTAL LIABILITIES & NET WORTH | | | $227,501.06 |

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-103

QUESTION: 10

(a) Located in Kidd Mountain.. 9 miles west of Big Pine.

(b) Four claims and two mill sites, namely:

Big Pine
Big Pine Extension
Big Pine #1
Big Pine #2
Big Pine Mill Site
Big Pine Creek Mill Site

Description and legal description are the same.

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-103

QUESTION # 15.

Ore to be trucked eleven miles to our own well equipped Raymond Mill at Zurich, California and shipped from same point via truck to Southern Pacific R.R.Company

BLUE STAR MINES,LTD.
667 Sol Anderson St.,
Los Angeles, 23,
California.

FORM MF -103

QUESTION # 21

We are building road to talc out-crop with immediate prospect of open pit mining.. Production to begin in about 90 days. Untimate plans include tunnels, drifts, and cross-cuts.

BLUE STAR MINES,LTD.

667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF103

QUESTION 23

(a) Three miners at $1.50 per hour
(b) ~~None~~ one supervisor( Mill superintendent .. $500.00 per month)
(c) None
(d) Bunker(installation) $700.00
(e) Bulldozer$4500.00; Jack hammer$300.00: Timbers(unknown)
(f) None
(g) $60.00 per day
(h) $400.00
(i) None

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-1523X

Date received 6/4/51

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Name and address of applicant

Date 5/25/51

## 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 of (Amortization Acceleration Authorization Act of 1950)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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.

## 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? Talc
   (*b*) What are the byproducts, if any? Soapstone
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: See attached sheet
   (*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: See attached sheet
   (*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. Not in operation
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production None
   If not in production or operation, estimated date when production will begin in about 90 days
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. See attached sheet
7. History: See 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.

| 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) |
|---|---|---|---|---|---|---|---|
| John Spindler Burbank, Calif. | President | 12,000 | 85,000 | 35522 | 35922 | | |
| Fern G. Dpindler Burbank, Calif. | SecyTreas. | 4,800 | --- | ... | ... | | |
| Mabelle M. Getty Hermosa Beach, Calif. | Vice.Pres. | | ... | ... | ... | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 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 | $ 35,522 | $ | $ 1.00 | | |
| Preferred stock | $ 35,922 | $ | $ 1.00 | | |

*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) | Not applicable | | | | |
| 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. Not applicable

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.

See Smith Emery Report attached

16—63792-1

(*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) | 10,000 to 15,000 tons | | $16.00 approx. | Inapplicable | $12.00 |
| 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.

Good roads to camp site. 11 miles to Zurich, shipping point 9 miles to town of Big Pine.

14. Water Supply:

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

Stream runs through camp site.

15. Power: Not applicable

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

16. Labor: Not applicable.

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

17. Equipment and Facilities: See attached sheet

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.

None.

**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.

Blue Star Mines, Ltd. (Name of company)

By Tom G. Spandler (Signature of authorized official)

May 25 195 (Date)

Sec Treas (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

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-100

QUESTION: 2.

Blue Star Mine.. Open pit and underground workings.
Old Names Were: White Star, Kidd Mountain #1, and
Larkspur # 1.

(a) None
(b) None
(c) None
(d) None

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Form: MF-100

QUESTION 3.

(a) 9 miles west of Big Pine, California: 11 miles west of Zurich, California, shipping point.

(b) Kidd Mountain District

(c) North Slope of Kidd Mountain.. Sierra Nevada Range, Calif.

(d) Inyo County, California.

BLUE STAR MINES,LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-100

Question 6.

(a)Twenty years in the talc business.
(b)Mining Engineer, Charles V. Harris.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23, California.

FORM MF-100

QUESTION: 7

(a) Not applicable

(b) Started operations in 1931. In continuous production until 1943 when it became prohibitive to obtain timber due to cost. Production averaged about fifteen tons perday.

(C) Smith Emery Report of 1931.. See attached copy of same.

BLUE STAR MINES, LTD.
667 Sol Anderson St.
Los Angeles, 23,
California.

FORM MF-100
QUESTION # 7 (c)

REPORT OF CONSULTING ENGINEER OF SMITH EMERY COMPANY, Jan. 1, 1931.

## Mining Facilities

At the end of the truck road on the White Star No. 3 claim there is an ore bin capable of holding 50 tons of talc.

This is connected by a gravity tramway which traverses the White Star No. 2 claim, with another smaller loading bin. The length of the tramway is approximately twelve hundred feet in length. The loaded car descending hauls the empty car to the upper loading bin. A heavy sheave drum with powerful braking mechanism is situated at the upper end. All machinery and bins are properly housed. A tunnel connects the upper loading bin with an ore chute situated one hundred and twenty feet from the entrance. This ore chute is opened to the surface. All talc mined passes through this chute to a mine car, thence to the upper ore bin. This eliminates much unnecessary handling.

## TALC OCCURRENCES

The main talc occurrence is on the Talc Chief Claim. In the Kidd Mountain No. 1, Markapur No. 1 and White Star Claims are outcrops of talc not yet developed to any extent. Hence, these as a source of talc may, for the present, be considered problematical.

## DEVELOPMENT

At present much talc of good quality is exposed by open cuts on the surface of the Talc Chief Claim for a distance of three hundred feet along the outcrop; further to the east, talc is exposed in three places by open cuts. A shaft has been sunk on the main exposure. An upraise from the tunnel level has been connected with the shaft. An ore chute runway has been constructed at the tunnel level. This tunnel is in one hundred thirty-five feet from its entrance. Owing to the talc being of a very heavy nature and to the seepage from the surface, it was found necessary to use heavy mine timbers the entire length of the tunnel.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM WE-190
Question 7 (c) Continued.

GEOLOGY

The talc occurs in Serpentine, which appears to form the foot-wall. A Calcareous deposit of White Crystalline Calcium Carbonate forms the hanging wall. The general character of the Calcareous deposit indicates intense solfataric action, which probably played a prominent part in the metamorphosis of the Serpentine to a Steatite Talc. The Serpentine itself probably owes its present existence to the same solfataric action. The Serpentine is surrounded completely by granite which undoubtedly supplied the silicic acid necessary to the metasilicated, Serpentine and Steatite(Talc). The Serpentine forms an irregular circle, its periphery being about eight hundred feet wide east and west, and about six hundred feet wide north and south. On the north side, the Serpentine, is at its greatest thickness, about one hundred feet thick. As it circles around the Calcareous deposit. it gradually narrows until on the south side it appears to be only few feet in thickness. The Calcareous deposit previously mentioned forms a plug or core. This deposit is roughly circular and is about five hundred feet in diameter. The Talc vein conforms generally to the contact of the Serpentine and Calcareous deposit. The average width of the Talf vein is about four feet. It is exposed for a continuous length of three hundred feet, and is developed to a depth of seventy-five feet which is the distance from the surface outcrop to the bottom of the tunnel level. Considerable development will have to be performed to determine the extent of the talc deposit. At present about seventy-two hundred tons are actually in sight.

QUALITY OF TALC

The average quality is a clear greenish high grade Soapstone out of which can be sorted by hand a very high grade Steatite free from lime and iron, in much demand by the cosmetic trade which is willing to pay a good price for this grade of talc. The second grade is in great demand by vulcanizers and the rubber trade generally, which pays a very satisfactory price for this talc which is marketed as Rubbermakers Soapstone.

CONCLUSION

The property is fully equipped and developed to enable the immediate mining of about seventy-two hundred tons of talc. This will take the stoping down to the tunnel level. With this work, the general direction of the vein will be determined, and from the knowledge gained, the future development of the deposit will be indicated. In all probability a winze should be sunk to a depth of at least one hundred feet below the tunnel level to determine the feasibility of driving a tunnel at a lower level.

**********

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-100

QUESTION # 17.

Camp house in good repaid.
Major pieces of equipment controlled and in serviceable condition for this operation are: Trucks (two)
Air compressor
Jack hammer
Bunker, ready for installation.

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-1623X

Date received 6/4/51

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

Name and address of applicant

Date 5/25/51

## 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 of (Amortization)~~ priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) 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.

## 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? Talc.
   (*b*) What are the byproducts, if any? Soapstone.
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: See attached sheet
   (*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: See attached sheet
   (*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. Not in operation
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production None

   If not in production or operation, estimated date when production will begin in about 90 days.
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. See attached sheet
7. History: See 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.

| 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) |
|---|---|---|---|---|---|---|---|
| John Spindler Burbank, Calif. | President | 12,000 | 85,000 | 35522 | 35922 | | |
| Fern G. Spindler Burbank, Calif. | Secy-Treas. | 4,800 | ... | ... | ... | | |
| Mabelle M. Getty Hermosa Beach, Calif. | Vice Pres. | | ... | ... | ... | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | 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 | $ 35,522. | $ | $ 1.00 | | |
| Preferred stock | $ 35,922. | $ | $ 1.00 | | |

*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) | NOT | APLICABLE. | | | |
| 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. Not applicable.

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. See Smith Emery Report attached.

(*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) | 10,000 to 15,000 tons | | $16.00 Approx. | Inapplicable. | $12.00 |
| 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.

Good roads to camp site. 11 Miles to Zurich, Shipping point. 9 Miles to town of Big Pine.

14. Water Supply:

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

Stream runs through camp site

15. Power:

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

Not applicable.

16. Labor: Not applicable.

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

17. Equipment and Facilities:

See attached sheet

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.

None.

**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.

Blue Star Mines, Ltd. (Name of company)

By Jean G. Spindler (Signature of authorized official)

May 25, 1951 (Date)

Secy Treas (Title)

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

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
California.

FORM MF-100

QUESTION: 2.

Blue Star Mine.. Open pit and underground workings.
Old Names Were: White Star, Kidd Mountain #1, and
Larkspur # 1.

(a) None
(b) None
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BLUE STAR MINES,LTD.
667 So. Anderson St.,
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Form: MF-100

QUESTION 3.

(a) 9 miles west of Big Pine, California: 11 miles west of Zurich, California, shipping point.

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(c) North Slope of Kidd Mountain.. Sierra Nevada Range, Calif.

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BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23,
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FORM MF-100

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(a) Twenty years in the talc business.
(b) Mining Engineer, Charles V. Harris.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
Los Angeles, 23, California.

FORM MP-100

QUESTION: 7

(a) Not applicable

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(C) Smith Emery Report of 1931.. See attached copy of same.

BLUE STAR MINES, LTD.
667 Sol Anderson St.
Los Angeles, 23,
California.

FORM MF-100
QUESTION # 7 (c)

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## Mining Facilities

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The main talc occurrence is on the Talc Cheif Claim. In the Kidd Mountain No. 1, Larkspur No. 1 aNd White Star Claims are outcrops of talc not yet developed to any extent. Hence, these as a source of talc may, for the present, be considered problematical.

## DEVELOPMENT

At present much talc of good quality is exposed by open cuts on the surface of the Talc Cheif Claim for a distance of three hundred feet along the outcrop; further to the east, talc is exposed in three places by open cuts. A shaft has been sunk on the main exposure. An upraise from the tunnel level has been connected with the shaft. An ore chute runway has been constructed at the tunnel level. This tunnel is in one hundred thirty-five feet from its entrance. Owing to the talc being of a very heavy nature and to the seepage from the surface, it was found necessary to use heavy mine timbers the entire length of the tunnel.

BLUE STAR MINES, LTD.
667 So. Anderson St.,
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FORM MF-100
Question #7(c) Continued.

## GEOLOGY

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FORM MF-100

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