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

June 22, 1951

Memorandum

Re: Docket DMA-947
Lead, fluorspar

To: Executive Secretary, D. M. A.

From: Chief, Lead-Zinc Branch, D. M. A.

Subject: Denial of exploration loan on DMA-947
Albemarle Lead Corporation,
Mine 3 miles southeast of Nipton, California

Request is for an exploration loan of $15,000 to $35,000, the Government putting up 50%, to explore the property for lead-silver; plus $300 for trenching a fluorspar vein.

There is a shaft 110 ft. deep on the lead-silver part of the property, with drift workings at 3 levels reported to total 200 feet. Mine was opened in 1905 by prospectors who "discovered silver and explored in a crude way for the vein". Applicant reports some lead mining in the first world war (of which there is no recognizable record in Mineral Resources) and $30,000 worth of lead and silver produced "about 1940" (total production of the district including this mine, 1938-43 inclusive, was 1400 lbs. of lead and 2,652 oz. of silver, according to Minerals Yearbook). Applicant reports that samples from the dump of the shaft assay 25 oz. silver, 6% lead.

The vein has never been found, and the applicant states that "the present shaft is obviously in the exact opposite direction from which it should have been started". Applicant proposes to find the vein by random diamond drilling. Application is very amateurish as to almost complete lack of description of geology and ore occurrence, and as to proposed plan of exploration.

The prospect is in an area covered by an unpublished report of D. F. Hewett of the U. G. Geological Survey. It is in an area of pre-Cambrian granite, gneiss and schist which the report describes as being unfavorable for lead occurrence, although there are numerous occurrences in limestone in the general area, attesting a wide distribution of lead.

The fluorspar is little more than mentioned as a vein on which applicant would like to do $300 worth of trenching.

Because of the lack of any evidence presented of a significant occurrence of lead, and because of the unfavorable geologic environment, it is recommended that the exploration loan be denied and that the attached letter be sent to applicant. Fluorspar is included in the denial because of meagerness of evidence presented concerning its occurrence and the insignificant exploration proposed on it.

Returned herewith are the following:

3 copies Form MF-100 with attachments

3 copies Form MF-103 with attachments

Letter of April 4 to Deputy Administrator with attached copy of Bureau of Mines' "Statement of Facts".

Letter of May 26 to Otto Herres, with 3 attached photos.

Otto Herres

Otto Herres, Chief
Lead-Zinc Branch

Approved:

Tom Lyon

Director, Supply Division

FILE COPY
SURNAME:

McKnight
Herrick

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

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Otto Herres

Otto Herres, Chief
Lead-Zinc Branch

Approved: Tom Lyon

Director, Supply Division

ETMcKNIGHT:emp
6/22/51 G

Copies to: H. C. Miller, Region III (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directorsr. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

June 7, 1951

Mr. Harry O. Hoyt
President
Albermarle Lead Corporation
2543 Kelton Avenue
Los Angeles 64, California

Subject: 947X
Re: Exploration Loan
Albermarle Lead Mine

My dear Mr. Hoyt:

Receipt is acknowledged of your application and attachments of April 4, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-947X and was referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 1, 1951.

In any future correspondence relating to your application, kindly refer to DMA-947X.

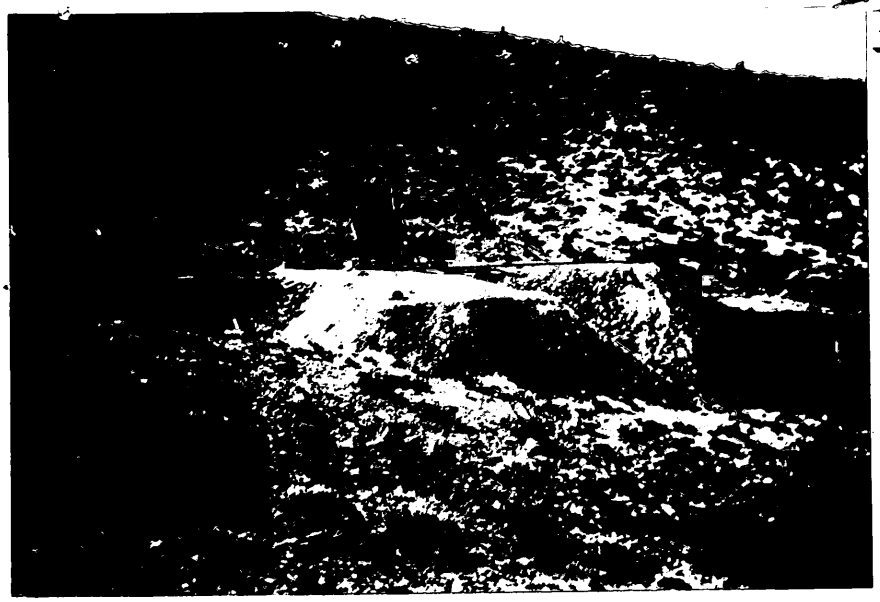
Sincerely yours,

LANDON F. STROBEL
js

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel
✓Files
Herres
Lyon

#1



#2

#3

ALBERMARLE LEAD CORPORATION DMA-947X

Incorporated Under the Laws of Nevada

MINE OFFICE—NIPTON, CALIFORNIA

Harry O. Hoyt, *President*
Charles W. Morris, *Vice President*
D. Gerrard Hoyt, *Secretary*
Larry E. Layos, *Treasurer*

Clarence D. Breeze, *Resident Agent*
109 South Third Street, Las Vegas, Nevada

May 26, 1951

U. S. Department of Interior
Defense Minerals Administration
Washingto 25
D. C.

Attention: Otto Herres, Chief Lead-Zinc Branch

Dear Mr. Herres:

Thank you for your letter of April 16 1951 with forms MF-100 and MF-103. Kindly refer to DMA-947X

We have applied for an exploration loan primarily because we have reason to believe that strategic and rare minerals may be on our property. To strengthen our application, we have known values of lead and fluorspar.

We do not know how to go after beryl, cobalt, columbium, nickel, tin, etc. Of course many of the metals will not be found there, such as tin and nickel, for example. But if they were there we would not know it. It is a valuable set of mining claims; in particular, every assay is very high in silver.

We have been in contact with two users of fluorspar and because we are close in to Fontana and Torrance are certain we could sell all the fluorspar at a profit. We look to the fluorspar to provide the money necessary for a careful development of the entire twelve claims. It may be that the first item to be taken up, if the Government is willing to help us, would be to determine the extent of the fluorspar vein. I don't know whether this would come under your division or not.

It would certainly be advisable to have an engineer of your selection inspect the property. Some of us would be pleased to meet him at his convenience.

Would you kindly reply to the below address rather than to Nipton.

Thanking you for your consideration, I am,

Yours very truly,

enc's.

Harry O. Hoyt

HOH:KTM

Pres. Albermarle Lead Corporation
2543 Kelton Avenue
Los Angeles 64, Calif.

JUN 2 1951

5

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 947X

Date received 5-31-51

Participation

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $15,000 - $35,000

Mineral or metal Lead, Silver & Fluorspar

Percentage of Government participation 50%

Location of mine Near Nipton, California

Vanderbilt Mining District

Date of filing MF-100 May 26, 1951

DMA Docket Number, if available 947 X

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

See separate sheets for all answers, this page.

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

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

*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: For above questions see MF-100

	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.) See MF-100

(*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.

See extra page- MF-100, Page 11, #18

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? See extra page 5

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. See extra page 6

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 extra page 7

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. For all questions in this see extra page 8.

(*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. See extra page 9

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.

Albermarle Lead Corporation (Name of company) By Harry O. Hyt (Signature of authorized official)

May 26, 1951 (Date) President (Title)

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

*Same as footnote on page 1.

16—64007-1 U. S. GOVERNMENT PRINTING OFFICE

ALBERMARLE LEAD CORPORATION

1. See MF-100
2. See MF-100
3. See MF-100
4. See MF-100
5. See MF-100

6. There are no claims, liens nor encumbrances against the property.

7. Inapplicable.

8. The corporation has been inactive since the purchase except, by subscription from its stockholders, location work and assessment work has been done and recorded at San Bernadino.

9. Applicant is ready and willing to provide money as required in Section 9 of Mineral Order 5.

FILE COPY
SURNAME

McKnight
Mote
Strobel

June 22, 1951

Re: Docket DMA-947

Mr. Harry O. Hoyt
2543 Kelton Avenue
Los Angeles 64, California

Dear Mr. Hoyt:

Your application for an exploration loan to diamond drill the Albermarle Lead Claims near Nipton, California, has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration.

Not enough evidence as to the probable presence of lead in significant amounts on your property has been submitted in your application to warrant an expenditure of Government funds appropriated for increasing mineral supplies for national defense. You point out that the lead vein has not been discovered and you propose to locate it by random diamond drilling. This is not a specific enough project to be endorsed by the Defense Minerals Administration. Furthermore, the rock formations known to occur in "Lead Hill" are old granites, gneisses and schists that are not geologically favorable for the occurrence of lead in tonnages that would have any strategic significance. Rich silver deposits can occur with minor lead in such formations. The production from the Vanderbilt district that you mention around 1940 was largely in silver, which has no strategic worth.

The description of fluorspar on your property is too indefinite to justify the small loan that you have requested to explore it.

We wish to thank you for bringing this property to our attention.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division
H.C. Miller Region II

ETMcKNIGHT:emp
G 6/22/51 Copies to:
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

10.

(a) Vanderbilt Mining District. (This outmoded description is still being used. So far as we have been able to discover, no one can define its boundaries) It consists of two patented claims, Albermarle No 1 and Albermarle No.2 and twelve surrounding claims, not patented.

The claims are, as nearly as we can determine, in Township 15 North and Township 16 North; Range 15 East and Range 17 East - S.B.M.

(b) Same.

11. MF-100
12. MF-100
13. MF-100
14. MF-100
15. MF-100
16. MF-100
17. MF-100
18. MF-100

19. This was answered on MF-100, PAGE 11 - No. 18.

20. The primary exploration will be for lead and to determine the extent of the fluorspar vein.

As a secondary exploration, we have reason to believe these claims might have strategic and rare minerals. There has been a discovery near the property of rare minerals and no single location for many miles around is so highly mineralized.

21. The engineers have estimated that it would take between six months and a year in which to discover the vein of lead and/or silver.

This work will require core drilling and men and material equipment are available nearby.

To determine the size of the fluorspar vein would be rather simple, largely by trenching.

22.

There are three reasons why the exploration should uncover commercial ore bodies:

(1) The present shaft on Albermarle #1 has produced about $30,000 in lead and silver despite the fact that the shaft is 90 degrees wrong.

(2) The dumps assay high in both lead and silver.

(3) The very rich mineralization of the area covered by the claims.

No proposed opening is presented because the proper place for such opening should be determined through core drilling. It is possible that even a cursory examination would indicate attempting to find a continuous vein on one of the outcroppings would be advisable.

The property was purchased in the first place because it had been a producer in recent years.

A number of assays were made by the corporation which were high in lead and very high in silver. The samples were taken on various levels in the mine and from the surafce and the dumps.

ALBERMARLE LEAD CORPORATION

23

(a) Core drilling to discover lead and/or silver vein would be contracted. It has been determined that the cost of core drilling under contract can be secured at four ($4.00) dollars per foot.

To determine the extent of the flurospar vein two laborers for trenching would be required. Laborers can be secured at Nipton, near the mine, for twelve and one-half dollars ($12.50) per day. It is estimated this work can be done in two weeks at a total cost of three hundred dollars, ($300.00).

(b) Inapplicable as work is contracted
(c) " " " " "
(d) " " " " "
(e) " " " " "
(f) " " " " "
(g) " " " " "
(h) " " " " "

(i) Undoubtedly there will be some incidental expenses for water possibly, building a latrine, etc. It is impossible to estimate the exact amount.

ALBERMARLE LEAD CORPORATION

24 Engineers have estimated that the cost of the core drilling would run roughly fifteen hundred ($1500) dollars a month, possibly as high as two thousand ($2000) dollars a month. It is believed that due to the nature of the geology that core drilling would not be difficult. There is no evidence of quartz, however, some difficult drilling in igneous rock may be expected.

An excellent engineer, Elmer B. McCartney, who is one of the stockholders, believes he could determine the value of the exploration within six months in this terrain. It is planned to have him supervise the work at no salary.

It is estimated that total cost of the work would be between fifteen and thirty-five thousand dollars.

It should be pointed out that if the vein of flurospar is uncovered the corporation has an immediate market for this mineral and any contribution from the government for this exploratory work could be immediately discontinued, the corproation carrying the core drilling expenses as soon as practicable.

One of the incidental expenses should be testing for strategic and rare minerals.

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 947X

Date received 5-31-51

Participation

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $15,000 - $35,000

Mineral or metal Lead, Silver & Fluorspar

Percentage of Government participation 50%

Location of mine Near Nipton, California

Vanderbilt Mining District

Date of filing MF-100 May 26, 1951

DMA Docket Number, if available 947X

INSTRUCTIONS

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THE APPLICANT

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*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.

See separate sheets for all answers, this page.

*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

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    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. **See separate sheet**

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

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

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

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

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

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

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

*17. Production:
    (*a*) If mine is in production, furnish the following information: **For above questions see MF-100**

	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. **See MF-100**
    (*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.

See extra page- MF-100, Page 11, #18

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? **See extra page 5**

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. **See extra page 6**

    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 extra page 7**

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each. **For all questions in this**
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings. **see extra page 8.**
    (*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.

See extra page 9

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.

Albermarle Lead Corporation (Name of company) By Harry A. Hoff (Signature of authorized official)

May 26, 1951 (Date) **President** (Title)

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

*Same as footnote on page 1.

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

ALBERMARLE LEAD CORPORATION

1. See MF-100
2. See MF-100
3. See MF-100
4. See MF-100
5. See MF-100

6. There are no claims, liens nor encumbrances against the property.

7. Inapplicable.

8. The corporation has been inactive since the purchase except, by subscription from its stockholders, location work and assessment work has been done and recorded at San Bernadino.

9. Applicant is ready and willing to provide money as required in Section 9 of Mineral Order 5.

10.

(a) Vanderbilt Mining District. (This outmoded description is still being used. So far as we have been able to discover, no one can define its boundaries) It consists of two patented claims, Albermarle No 1 and Albermarle No.2 and twelve surrounding claims, not patented.

The claims are, as nearly as we can determine, in Township 15 North and Township 16 North; Range 15 East and Range 17 East - S.B.M.

(b) Same.

11. MF-100
12. MF-100
13. MF-100
14. MF-100
15. MF-100
16. MF-100
17. MF-100
18. MF-100

19. This was answered on MF-100, PAGE 11 - No. 18.

20.

The primary exploration will be for lead and to determine the extent of the fluorspar vein.

As a secondary exploration, we have reason to believe these claims might have strategic and rare minerals. There has been a discovery near the property of rare minerals and no single location for many miles around is so highly mineralized.

21. The engineers have estimated that it would take between six months and a year in which to discover the vein of lead and/or silver.

This work will require core drilling and men and material equipment are available nearby.

To determine the size of the fluorspar vein would be rather simple, largely by trenching.

22.

There are three reasons why the exploration should uncover commercial ore bodies:

(1) The present shaft on Albermarle #1 has produced about $30,000 in lead and silver despite the fact that the shaft is 90 degrees wrong.

(2) The dumps assay high in both lead and silver.

(3) The very rich mineralization of the area covered by the claims.

No proposed opening is presented because the proper place for such opening should be determined through core drilling. It is possible that even a cursory examination would indicate attempting to find a continuous vein on one of the outcroppings would be advisable.

The property was purchased in the first place because it had been a producer in recent years.

A number of assays were made by the corporation which were high in lead and very high in silver. The samples were taken on various levels in the mine and from the surafce and the dumps.

ALBERMARLE LEAD CORPORATION

23

(a) Core drilling to discover lead and/or silver vein would be contracted. It has been determined that the cost of core drilling under contract can be secured at four ($4.00) dollars per foot.

To determine the extent of the fluorspar vein two laborers for trenching would be required. Laborers can be secured at Nipton, near the mine, for twelve and one-half dollars ($12.50) per day. It is estimated this work can be done in two weeks at a total cost of three hundred dollars, ($300.00).

(b) Inapplicable as work is contracted
(c) " " " " "
(d) " " " " "
(e) " " " " "
(f) " " " " "
(g) " " " " "
(h) " " " " "

(i) Undoubtedly there will be some incidental expenses for water possibly, building a latrine, etc. It is impossible to estimate the exact amount.

ALBERMARLE LEAD CORPORATION

24 Engineers have estimated that the cost of the core drilling would run roughly fifteen hundred ($1500) dollars a month, possibly as high as two thousand ($2000) dollars a month. It is believed that due to the nature of the geology that core drilling would not be difficult. There is no evidence of quartz, however, some difficult drilling in igneous rock may be expected.

An excellent engineer, Elmer B. McCartney, who is one of the stockholders, believes he could determine the value of the exploration within six months in this terrain. It is planned to have him supervise the work at no salary.

It is estimated that total cost of the work would be between fifteen and thirty-five thousand dollars.

It should be pointed out that if the vein of fluorspar is uncovered the corporation has an immediate market for this mineral and any contribution from the government for this exploratory work could be immediately discontinued, the corporation carrying the core drilling expenses as soon as practicable.

One of the incidental expenses should be testing for strategic and rare minerals.

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 947X

Date received 5-31-51

Participation

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $15,000 - $35,000

Mineral or metal Lead, Silver & Fluorspar

Percentage of Government participation 50%

Location of mine Near Nipton, California

Vanderbilt Mining District

Date of filing MF-100 May 26, 1951

DMA Docket Number, if available 947 X

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.

See separate sheets for all answers, this page.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

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

16—64067-1

THE PROPERTY

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

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

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information: For above questions see MF-100

	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. See MF-100
    (*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.

See extra page- MF-100, Page 11, #18

THE E

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? See extra page 5
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. See extra page 6

    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 extra page 7

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each. For all questions in this
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings. see extra page 8.
    (*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.

See extra page 9

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.

Albermarle Lead Corporation (Name of company)

By Harry O. Hyt (Signature of authorized official)

May 26, 1951 (Date)

President (Title)

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

*Same as footnote on page 1.

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

ALBERMARLE LEAD CORPORATION

1. See MF-100
2. See MF-100
3. See MF-100
4. See MF-100
5. See MF-100

6. There are no claims, liens nor encumbrances against the property.

7. Inapplicable.

8. The corporation has been inactive since the purchase except, by subscription from its stockholders, location work and assessment work has been done and recorded at San Bernadino.

9. Applicant is ready and willing to provide money as required in Section 9 of Mineral Order 5.

10.

(a) Vanderbilt Mining District. (This outmoded description is still being used. So far as we have been able to discover, no one can define its boundaries) It consists of two patented claims, Albermarle No 1 and Albermarle No.2 and twelve surrounding claims, not patented.

The claims are, as nearly as we can determine, in Township 15 North and Township 16 North; Range 15 East and Range 17 East - S.B.M.

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As a secondary exploration, we have reason to believe these claims might have strategic and rare minerals. There has been a discovery near the property of rare minerals and no single location for many miles around is so highly mineralized.

21. The engineers have estimated that it would take between six months and a year in which to discover the vein of lead and/or silver.

This work will require core drilling and men and material equipment are available nearby.

To determine the size of the fluorspar vein would be rather simple, largely by trenching.

22. There are three reasons why the exploration should uncover commercial ore bodies:

(1) The present shaft on Albermarle #1 has produced about $30,000 in lead and silver despite the fact that the shaft is 90 degrees wrong.

(2) The dumps assay high in both lead and silver.

(3) The very rich mineralization of the area covered by the claims.

No proposed opening is presented because the proper place for such opening should be determined through core drilling. It is possible that even a cursory examination would indicate attempting to find a continuous vein on one of the outcroppings would be advisable.

The property was purchased in the first place because it had been a producer in recent years.

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ALBERMARLE LEAD CORPORATION

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(b) Inapplicable as work is contracted
(c) " " " " "
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(i) Undoubtedly there will be some incidental expenses for water possibly, building a latrine, etc. It is impossible to estimate the exact amount.

ALBERMARLE LEAD CORPORATION

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An excellent engineer, Elmer B. McCartney, who is one of the stockholders, believes he could determine the value of the exploration within six months in this terrain. It is planned to have him supervise the work at no salary.

It is estimated that total cost of the work would be between fifteen and thirty-five thousand dollars.

It should be pointed out that if the vein of fluorspar is uncovered the corporation has an immediate market for this mineral and any contribution from the government for this exploratory work could be immediately discontinued, the corporation carrying the core drilling expenses as soon as practicable.

One of the incidental expenses should be testing for strategic and rare minerals.

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 947

Date received J-31-51

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

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

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

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Harry O. Hoyt 2949 Holton Ave. L.A.64	President "D"	None	20,000	20,000	None	None	None
Charles W. Morris 11769 Chenault St.L.A.49	Vice-Pres. "D"	"	50,000	30,000	"	"	"
Larry E. Layos 6349 Biloxi Ave,N.Hollywood	Treasurer "D"	"	125,000	30,000	"	"	"
D. Gerrard Hoyt 3615 Major St.Mar Vista	Secretary "D"	"	15,000	30,000	"	"	"
W.Lee Smith 1725 Camino Palmero,L.A.	Director	"	50,000	30,000	"	"	"
Elmer B.McCartney 1205 W.Minnehaha Parkway Minneapolis,Minn	Director	"	100,000	30,000	"	"	"
Cedric L.Sanders 1125 S. Lapeer Dr. L.A.	Director	"	50,000	30,000	"	"	"
	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 300,000	$ 300,000	$ 300,000	$ 1.00	300,000	
Preferred stock NONE	$ —	$ —	$ —	—	

*Indicate period covered.

10. Production: NONE

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.)	X	X	X	X	X
2. Quantity of product processed (specify unit of measure and type of process)	X	X	X	X	X
3. Quantity and grade of product sold or shipped (specify units of measure)	X	X	X	X	X

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. X

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. A number of surface, dump and shaft assays have been made by Smith-Emery Co. all running an average of 25 ounces of silver 6% lead. In addition the[illegible] good vein of fluospar (fa[illegible]

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) ---- no ----	—	—	—	—	—
Indicated (probable) ---- — ----	—	—	—	—	—

(*c*) If placer: **Inapplicable**

(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. **See additional page.**

14. Water Supply:

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

Good water supply at Nipton, 3 miles from mine.

15. Power:

State amount of power used, rate per hour, and source thereof. **Edison Company High Line from Hoover dam passes through the property.**

16. Labor: **None**

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

Albermarle Lead Corporation
(Name of company)

By [signature]
(Signature of authorized official)

May 26, 1951
(Date)

President
(Title)

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

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

ALBERMARLE LEAD CORPORATION

1.

(a) Inapplicable

(b) Inapplicable

ALBERMARLE LEAD CORPORATION

2. Albermarle Lead Mine (old name) Old workings

(a) 110 feet
(b) 200 feet approximately on three levels
(c) None
(d) 125 feet approximately

ALBERMARLE LEAD CORPORATION

3. (a) Three miles SE Nipton, California.

(b) Vanderbilt Mining District

(c) Township 15 North, Township 16 North
Range 16 East and Range 17 East
S.B.M.

(d) County of San Bernardino, State of California

ALBERMARLE LEAD CORPORATION

4. (a) Not operated now

(b) Owner

ALBERMARLE LEAD CORPORATION

5. Under the old Albermarle Lead Mine the property was intermittently mined for about thirty years.

It is not being operated now and the object of this application is for the purpose of securing assistance from the Government to re-open operations.

ALBEMARLE LEAD CORPORATION

6. (a) Property is owned by a corporation with nine stockholders. They are all successful business and professional men. One member, Edward M. Martin, has for forty years been a mining-news editor, a writer of mines and mining for the Los Angeles Times, the Los Angeles Examiner and other papers and magazines. He has been a part owner in a number of mines in this general district, knows most mining men and the history of many mines.

(b) Elmer B. McCartney, a graduate of the Columbia School of Mines, class of 1909. In addition to an extended career as a mining engineer in the Southwest and in Montana, he has been until recently one of the principal owners of the Toro Manufacturing Company of Minneapolis, Minnesota. His business career has been highly successful.

ALBERMARLE LEAD CORPORATION

7. (a) About 1905, two prospectors discovered what is known generally as "Lead Hill". Lead at the time of discovery was worth about four cents a pound. They were after gold which they knew was in the district, the rich Vanderbilt mines at Nyanpah, just a few miles south and at Searchlight, about the same distance east. They "gophered" their claims and discovered silver and explored in a crude way for the vein. They abandoned the claims and other prospectors came and went.

One group of prospectors was on the ground when the First World War broke out. Like all of the others, they had found lead and with the price of lead up, mined and sold some. With the war over, lead dropped back to five cents a pound and they left. Nothing more was done until 1942 and a second World War was being fought. Lead was a critical material and the U. S. Army proceeded to stock pile it at Jean, Nevada, about fifteen miles north.

About three miles from the Albermarle claims is the little town of Nipton, on the Main Line of the Union Pacific Railroad. A coal miner from Wales named Harry Trehearn settled in Nipton and in time became its most important figure, head of the schoolboard, the U. S. Mail contractor and distributor, Justice of the Peace, owner of the Nipton mercantile company, gas station, hotel, cottages and controlled the lives of all who lived there and worked in the neighborhood. All of them got into debt to him, sooner or later, and that included many miners in the district who purchased supplies, powder and tools. Trehearn, who died a year ago, became a rich man in a barren land.

In 1942, Trehearn remembered the price of lead had gone up in the previous war, was even more important. One set of prospectors had sunk a shaft down about fifty feet and taken out about $30,000 in silver and lead. Trehearn knew this because everything shipped went through Nipton and he was Nipton. So Trehearn located and patented Albermarle #1 and Albermarle #2 claims.

Edward M. Martin, one of the stockholders of the present corporation, at the suggestion of a well known mining engineer took a bond and lease from Trehearn and in 1948, located several other claims nearby and induced a man named William Noack to invest $6,400 in the mine, $2,000 going to Trehearn for a ten year lease for his claims. The balance of the money went into cleaning out the mine, extending the shaft and purchasing materials, compressor, pipes, etc.

7. Cont'd-

(a) Because of a death, Noack decided to sell his interest in the mine. He was a Colonel in the Reserves and had been called back for some refresher work in the east. Martin induced the present stockholders to buy Noack out. This was done and a house rented at Nipton for Headquarters. A Nevada corporation was formed with Judge Clarence D. Breeze, Resident Agent, 109 So. Third Street, Las Vegas, Nevada.

(b) The territory around, in a strip about thirty by fifty miles, running from northwest to southeast is highly mineralized. There are many mines in this quadrangle and stock piling has been resumed at Jean for lead and zinc. It might be pointed out that near Wheaton Springs, about ten miles away some rare minerals have been discovered. No assays have been made for beryl, cobalt, tungsten, columbium, cryolite, etc. In fact it is doubted if anyone has attempted to discover any other than a few basic metals such as gold, silver, copper, etc. in this district. This should be done.

(c) A number of mining engineers have gone over the property and have been amazed at the rich assays but no attempt has been made to secure recommended exploration and development planning. The present shaft is obviously in the exact opposite direction from which it should have been started. There are three veins, outcropping which should have told even prospectors doing their "gophering" that they were wrong.

A vein of Fluorspar has been located which calls for trenching, probably. The market for Fluorspar is nearby, at Fontana, California with the Kaiser Steel Company.

ALBEMARLE LEAD CORPORATION

8. On MF-100

9. On MF-100

10. On MF-100

11. On MF-100

12. On MF-100

13. There is a fair desert road, 2.3 miles from mine to the good highway from Nipton to Searchlight. From this junction to Nipton it is 3.7 miles to Nipton. A bulldozer could make a good, straight road from the mine, down an easy grade to Nipton in two days.

    At Nipton there is an excellent loading platform which is in daily use.

14. On MF-100

15. On MF-100

16. On MF-100

17. When the property was purchased we acquired a compressor, pipe, tools, cable, dump truck, rails, etc. which cost originally two or three thousand dollars. All are serviceable except the compressor (new) from which some parts have been stolen. It would not be difficult or expensive to put it back into good condition.

18.

We had a field headquarters which burned down and with it some of our equipment.

Enclosed with this are three pictures.

(1) Shows entrance to shaft & dumps.

(2) A general view of terrain, character of desert road in foreground, the gentle grade up to the mine in the background.

(3) A view of the hoist frame at entrance to shaft and dumps.

The dumps should be (are estimated to be by two engineers) valuable. Certainly specimens taken at random assay very high in lead and silver.

The fluorspar vein is one two other claims, not shown in the pictures but adjoin this claim.

Our feeling in the matter is that some definite attempt should be made to ascertain whether or not there are other more strategic minerals on these claims. Possibly no single region in California is more highly mineralized.

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 942X

Date received 5-31-51

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

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

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

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Harry O. Hoyt 2543 Kelton Ave. L.A.64	President "D"	None	25,000	20,000	None	None	None
Charles W. Norris 11769 Chenault St.L.A.49	Vice-Pres. "D"	"	50,000	30,000	"	"	"
Larry E. Layos 4949 Biloxi Ave,N.Hollywood	Treasurer "D"	"	100,000	30,000	"	"	"
D. Gerrard Hoyt 3615 Maier St.Mar Vista	Secretary "D"	"	15,000	30,000	"	"	"
W.Lee Smith 1725 Camino Palmero,L.A.	Director	"	50,000	30,000	"	"	"
Elmer B.McCartney 1205 W.Minnehaha Parkway	Director	"	100,000	30,000	"	"	"
Minneapolis,Minn Cedric E.Sanders 1125 S. Lapeer Dr. L.A.	Director	"	50,000	30,000	"	"	"
	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 500,000	$ 300,000	$ 300,000	$ 1.00	300,000	
Preferred stock NONE	$ —	$ —	$ —	—	

*Indicate period covered.

10. Production: NONE

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.)	X	X	X	X	X
2. Quantity of product processed (specify unit of measure and type of process)	X	X	X	X	X
3. Quantity and grade of product sold or shipped (specify units of measure)	X	X	X	X	X

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. X

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. A number of surface, dump and shaft assays have been made by Smith-Emery Co all running an average of 25 ounces of silver and better than 6% lead. In addition there is a good vein of fluorspar (CaF_2) assaying 81.40%

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. **No proven vein of lead**

(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) None	—	—	—	—	—
Indicated (probable) —	—	—	—	—	—

(c) If placer: **Inapplicable**

(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. **See additional page**

14. Water Supply: **Good water supply at Nipton, 3 miles from mine**

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

15. Power:

State amount of power used, rate per hour, and source thereof. **Edison Company High Line from Hoover dam passes through the property.**

16. Labor: **None**

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

Albermarle Lead Corporation (Name of company)

By Harry C. Hoff (Signature of authorized official)

May 26, 1951 (Date)

President (Title)

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

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

ALBERMARLE LEAD CORPORATION

1.

(a) Inapplicable

(b) Inapplicable

ALBERMARLE LEAD CORPORATION

2. Albermarle Lead Mine (old name) Old workings

(a) 110 feet
(b) 200 feet approximately on three levels
(c) None
(d) 125 feet approximately

ALBERMARLE LEAD CORPORATION

3. (a) Three miles SE Nipton, California.

   (b) Vanderbilt Mining District

   (c) Township 15 North, Township 16 North
   Range 16 East and Range 17 East
   S.B.M.

   (d) County of San Bernardino, State of California

ALBERMARLE LEAD CORPORATION

4. (a) Not operated now

(b) Owner

ALBERMARLE LEAD CORPORATION

5. Under the old Albermarle Lead Mine the property was intermittantly mined for about thirty years.

It is not being operated now and the object of this application is for the purpose of securing assistance from the Government to re-open operations.

ALBERMARLE LEAD CORPORATION

6. (a) Property is owned by a corporation with nine stockholders. They are all successful business and professional men. One member, Edward M. Martin, has for forty years been a mining-news editor, a writer of mines and mining for the Los Angeles Times, the Los Angeles Examiner and other papers and magazines. He has been a part owner in a number of mines in this general district, knows most mining men and the history of many mines.

(b) Elmer B. McCartney, a graduate of the Columbia School of Mines, class of 1909. In addition to an extended career as a mining engineer in the Southwest and in Montana, he has been until recently one of the principal owners of the Toro Manufacturing Company of Minneapolis, Minnesota. His business career has been highly successful.

ALBERMARLE LEAD CORPORATION

7. (a) About 1905, two prospectors discovered what is known generally as "Lead Hill". Lead at the time of discovery was worth about four cents a pound. They were after gold which they knew was in the district, the rich Vanderbilt mines at Ivanpah, just a few miles south and at Searchlight, about the same distance east. They "gophered" their claims and discovered silver and explored in a crude way for the vein. They abandoned the claims and other prospectors came and went.

One group of prospectors was on the ground when the First World War broke out. Like all of the others, they had found lead and with the price of lead up, mined and sold some. With the war over, lead dropped back to five cents a pound and they left. Nothing more was done until 1942 and a second World War was being fought. Lead was a critical material and the U. S. Army proceeded to stock pile it at Jean, Nevada, about fifteen miles north.

About three miles from the Albermarle claims is the little town of Nipton, on the Main Line of the Union Pacific Railroad. A coal miner from Wales named Harry Trehearn settled in Nipton and in time became its most important figure, head of the schoolboard, the U. S. Mail contractor and distributor, Justice of the Peace, owner of the Nipton mercantile company, gas station, hotel, cottages and controlled the lives of all who lived there and worked in the neighborhood. All of them got into debt to him, sooner or later, and that included many miners in the district who purchased supplies, powder and tools. Trehearn, who died a year ago, became a rich man in a barren land.

In 1942, Trehearn remembered the price of lead had gone up in the previous war, was even more important. One set of prospectors had sunk a shaft down about fifty feet and taken out about $30,000 in silver and lead. Trehearn knew this because everything shipped went through Nipton and he was Nipton. So Trehearn located and patented Albermarle #1 and Albermarle #2 claims.

Edward M. Martin, one of the stockholders of the present corporation, at the suggestion of a well known mining engineer took a bond and lease from Trehearn and in 1948, located several other claims nearby and induced a man named William Noack to invest $6,400 in the mine, $2,000 going to Trehearn for a ten year lease for his claims. The balance of the money went into cleaning out the mine, extending the shaft and purchasing materials, compressor, pipes, etc.

7. Cont'd-

(a) Because of a death, Noack decided to sell his interest in the mine. He was a Colonel in the Reserves and had been called back for some refresher work in the east. Martin induced the present stockholders to buy Noack out. This was done and a house rented at Nipton for Headquarters. A Nevada corporation was formed with Judge Clarence D. Breeze, Resident Agent, 109 So. Third Street, Las Vegas, Navada.

(b) The territory around, in a strip about thirty by fifty miles, running from northwest to southeast is highly mineralized. There are many mines in this quadrangle and stock piling has been resumed at Jean for lead and zinc. It might be pointed out that near Wheaton Springs, about ten miles away some rare minerals have been discovered. No assays have been made for beryl, cobalt, tungsten, columbium, cryolite, etc. In fact it is doubted if anyone has attempted to discover any other than a few basic metals such as gold, silver, copper, etc. in this district. This should be done.

(c) A number of mining engineers have gone over the property and have been amazed at the rich assays but no attempt has been made to secure recommended exploration and development planning. The present shaft is obviously in the exact opposite direction from which it should have been started. There are three veins, outcropping which should have told even prospectors doing their "gophering" that they were wrong.

A vein of Fluorspar has been located which calls for trenching, probably. The market for Fluorspar is nearby, at Fontana, California with the Kaiser Steel Company.

ALBERMARLE LEAD CORPORATION

8. On MF-100

9. On MF-100

10. On MF-100

11. On MF-100

12. On MF-100

13. There is a fair desert road, 2.3 miles from mine to the good highway from Nipton to Searchlight. From this junction to Nipton it is 3.7 miles to Nipton. A bulldozer could make a good, straight road from the mine, down an easy grade to Nipton in two days.

    At Nipton there is an excellent loading platform which is in daily use.

14. On MF-100

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17. When the property was purchased we acquired a compressor, pipe, tools, cable, dump truck, rails, etc. which cost originally two or three thousand dollars. All are serviceable except the compressor (new) from which some parts have been stolen. It would not be difficult or expensive to put it back into good condition.

18. We had a field headquarters which burned down and with it come of our equipment.

Enclosed with this are three pictures.

(1) Shows entrance to shaft & dumps.

(2) A general view of terrain, character of desert road in foreground, the gentle grade up to the mine in the background.

(3) A view of the hoist frame at entrance to shaft and dumps.

The dumps should be (are estimated to be by two engineers) valuable. Certainly specimens taken at random assay very high in lead and silver.

The fluorspar vein is one two other claims, not shown in the pictures but adjoin this claim.

Our feeling in the matter is that some definite attempt should be made to ascertain whether or not there are other more strategic minerals on these claims. Possibly no single region in California is more highly mineralized.

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 947X

Date received 5-31-51

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

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

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

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Harry O. Hoyt 2543 Kelton Ave. L.A.64	President "D"	None	$25,000	20,000	None	None	None
Charles W. Norris 11769 Chenault St.L.A.49	Vice-Pres."D"	"	50,000	30,000	"	"	"
Larry E. Layos 4949 Biloxi Ave,N.Hollywood	Treasurer "D"	"	100,000	30,000	"	"	"
D. Gerrard Hoyt 3615 Maier St.Mar Vista	Secretary "D"	"	15,000	30,000	"	"	"
W.Lee Smith 1725 Camino Palmero,L.A.	Director	"	50,000	30,000	"	"	"
Elmer B.McCartney 1205 W.Minnehaha Parkway	Director	"	100,000	30,000	"	"	"
Minneapolis,Minn Cedric E.Sanders 1125 S. Lapeer Dr. L.A.	Director	"	50,000	30,000	"	"	"
	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 500,000	$ 300,000	$ 300,000	$ 1.00	300,000	
Preferred stock NONE	$ —	$ —	$ —	—	

*Indicate period covered.

10. Production: NONE

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.)	X	X	X	X	X
2. Quantity of product processed (specify unit of measure and type of process)	X	X	X	X	X
3. Quantity and grade of product sold or shipped (specify units of measure)	X	X	X	X	X

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. X

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. A number of surface, dump and shaft assays have been made by Smith-Emery Co. all running an average of 25 ounces of silver and better than [illegible] good vein of [illegible] (CaFe) [illegible]

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. **No proved vein of lead.**

(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) None	—	—	—	—	—
Indicated (probable) —	—	—	—	—	—

(*c*) If placer: **In applicable**

(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. **See additional page**

14. Water Supply: **Good water supply at Nipton, 3 miles from mine.**

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

15. Power:

State amount of power used, rate per hour, and source thereof. **Edison Company High Line from Hoover dam passes through the property.**

16. Labor: **None**

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

Albermarle Lead Corporation
(Name of company)

By [signature]
(Signature of authorized official)

May 26, 1951
(Date)

President
(Title)

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

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

ALBERMARLE LEAD CORPORATION

1.

(a) Inapplicable

(b) Inapplicable

ALBERMARLE LEAD CORPORATION

2. Albermarle Lead Mine (old name) Old workings

(a) 110 feet
(b) 200 feet approximately on three levels
(c) None
(d) 125 feet approximately

ALBERMARLE LEAD CORPORATION

3. (a) Three miles SE Nipton, California.

(b) Vanderbilt Mining District

(c) Township 15 North, Township 16 North
Range 16 East and Range 17 East
S.B.M.

(d) County of San Bernardino, State of California

ALBERMARLE LEAD CORPORATION

4. (a) Not operated now

(b) Owner

ALBERMARLE LEAD CORPORATION

5. Under the old Albermarle Lead Mine the property was intermittantly mined for about thirty years.

It is not being operated now and the object of this application is for the purpose of securing assistance from the Government to re-open operations.

ALBEMARLE LEAD CORPORATION

6. (a) Property is owned by a corporation with nine stockholders. They are all successful business and professional men. One member, Edward M. Martin, has for forty years been a mining-news editor, a writer of mines and mining for the Los Angeles Times, the Los Angeles Examiner and other papers and magazines. He has been a part owner in a number of mines in this general district, knows most mining men and the history of many mines.

(b) Elmer B. McCartney, a graduate of the Columbia School of Mines, class of 1909. In addition to an extended career as a mining engineer in the Southwest and in Montana, he has been until recently one of the principal owners of the Toro Manufacturing Company of Minneapolis, Minnesota. His business career has been highly successful.

ALBERMARLE LEAD CORPORATION

7. (a) About 1905, two prospectors discovered what is known generally as "Lead Hill". Lead at the time of discovery was worth about four cents a pound. They were after gold which they knew was in the district, the rich Vanderbilt mines at Ivanpah, just a few miles south and at Searchlight, about the same distance east. They "gophered" their claims and discovered silver and explored in a crude way for the vein. They abandoned the claims and other prospectors came and went.

One group of prospectors was on the ground when the First World War broke out. Like all of the others, they had found lead and with the price of lead up, mined and sold some. With the war over, lead dropped back to five cents a pound and they left. Nothing more was done until 1942 and a second World War was being fought. Lead was a critical material and the U. S. Army proceeded to stock pile it at Jean, Nevada, about fifteen miles north.

About three miles from the Albermarle claims is the little town of Nipton, on the Main Line of the Union Pacific Railroad. A coal miner from Wales named Harry Trehearn settled in Nipton and in time became its most important figure, head of the schoolboard, the U. S. Mail contractor and distributor, Justice of the Peace, owner of the Nipton mercantile company, gas station, hotel, cottages and controlled the lives of all who lived there and worked in the neighborhood. All of them got into debt to him, sooner or later, and that included many miners in the district who purchased supplies, powder and tools. Trehearn, who died a year ago, became a rich man in a barren land.

In 1942, Trehearn remembered the price of lead had gone up in the previous war, was even more important. One set of prospectors had sunk a shaft down about fifty feet and taken out about $30,000 in silver and lead. Trehearn knew this because everything shipped went through Nipton and he was Nipton. So Trehearn located and patented Albermarle #1 and Albermarle #2 claims.

Edward M. Martin, one of the stockholders of the present corporation, at the suggestion of a well known mining engineer took a bond and lease from Trehearn and in 1948, located several other claims nearby and induced a man named William Noack to invest $6,400 in the mine, $2,000 going to Trehearn for a ten year lease for his claims. The balance of the money went into cleaning out the mine, extending the shaft and purchasing materials, compressor, pipes, etc.

7. Cont'd-

(a) Because of a death, Noack decided to sell his interest in the mine. He was a Colonel in the Reserves and had been called back for some refresher work in the east. Martin induced the present stockholders to buy Noack out. This was done and a house rented at Nipton for Headquarters. A Nevada corporation was formed with Judge Clarence D. Breese, Resident Agent, 109 So. Third Street, Las Vegas, Nevada.

(b) The territory around, in a strip about thirty by fifty miles, running from northwest to southeast is highly mineralized. There are many mines in this quadrangle and stock piling has been resumed at Jean for lead and zinc. It might be pointed out that near Wheaton Springs, about ten miles away some rare minerals have been discovered. No assays have been made for beryl, cobalt, tungsten, columbium, cryolite, etc. In fact it is doubted if anyone has attempted to discover any other than a few basic metals such as gold, silver, copper, etc. in this district. This should be done.

(c) A number of mining engineers have gone over the property and have been amazed at the rich assays but no attempt has been made to secure recommended exploration and development planning. The present shaft is obviously in the exact opposite direction from which it should have been started. There are three veins, outcropping which should have told even prospectors doing their "gophering" that they were wrong.

A vein of Fluorspar has been located which calls for trenching, probably. The market for Fluorspar is nearby, at Fontana, California with the Kaiser Steel Company.

ALBERMARLE LEAD CORPORATION

8. On MF-100

9. On MF-100

10. On MF-100

11. On MF-100

12. On MF-100

13. There is a fair desert road, 2.3 miles from mine to the good highway from Nipton to Searchlight. From this junction to Nipton it is 3.7 miles to Nipton. A bulldozer could make a good, straight road from the mine, down an easy grade to Nipton in two days.

    At Nipton there is an excellent loading platform which is in daily use.

14. On MF-100

15. On MF-100

16. On MF-100

17.

When the property was purchased we acquired a compressor, pipe, tools, cable, dump truck, rails, etc. which cost originally two or three thousand dollars. All are serviceable except the compressor (new) from which some parts have been stolen. It would not be difficult or expensive to put it back into good condition.

18.

We had a field headquarters which burned down and with it some of our equipment.

Enclosed with this are three pictures.

(1) Shows entrance to shaft & dumps.

(2) A general view of terrain, character of desert road in foreground, the gentle grade up to the mine in the background.

(3) A view of the hoist frame at entrance to shaft and dumps.

The dumps should be (are estimated to be by two engineers) valuable. Certainly specimens taken at random assay very high in lead and silver.

The fluorspar vein is one two other claims, not shown in the pictures but adjoin this claim.

Our feeling in the matter is that some definite attempt should be made to ascertain whether or not there are other more strategic minerals on these claims. Possibly no single region in California is more highly mineralized.

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 947X

Date received 5-31-51

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

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

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

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
Harry O. Hoyt 2543 Kolton Ave. L.A.64	President "D"	None	25,000	20,000	None	None	None
Charles W. Norris 11769 Chenault St.L.A.49	Vice-Pres. "D"	"	50,000	30,000	"	"	"
Larry E. Leyos 4949 Biloxi Ave.N.Hollywood	Treasurer "D"	"	100,000	30,000	"	"	"
D. Gerrard Hoyt 3615 Moior St.Mar Vista	Secretary "D"	"	15,000	30,000	"	"	"
W.Lee Smith 1725 Camino Palmero,L.A.	Director	"	50,000	30,000	"	"	"
Elmer B.McCartney 1205 W.Minnehaha Parkway Minneapolis,Minn	Director	"	100,000	30,000	"	"	"
Cedric E.Sanders 1125 S. Lapeer Dr. L.A.	Director	"	50,000	30,000	"	"	"
	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 500,000	$ 300,000	$ 300,000	$ 1.00	300,000	
Preferred stock NONE	$ —	$ —	$ —	—	

*Indicate period covered.

10. Production: NONE

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.)	X	X	X	X	X
2. Quantity of product processed (specify unit of measure and type of process)	X	X	X	X	X
3. Quantity and grade of product sold or shipped (specify units of measure)	X	X	X	X	X

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. X

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. A number of surface, dump and shaft assays have been made by Smith-Emery Co. all running an average of 25 ounces of silver and better than 6% lead. In addition there is a good vein of fluorspar (CaF2) assaying 81.40%

16—63792-1

on lead. In addition there is a good vein of fluorspar (CaF_2) assaying 81.40%.

(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) None	—	—	—	—	—
Indicated (probable) —	—	—	—	—	—

(c) If placer: In applicable

(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. See additional page

14. Water Supply: Good water supply at Nipton, 3 miles from mine

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

15. Power:

State amount of power used, rate per hour, and source thereof. Edison Company High Line from Hoover dam passes through the property.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period. None

17. Equipment and Facilities:

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

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

CERTIFICATION

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

Albermarle Lead Corporation (Name of company) By [signature] (Signature of authorized official)

May 26, 1951 (Date) President (Title)

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

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

ALBERMARLE LEAD CORPORATION

1.

(a) Inapplicable

(b) Inapplicable

ALBERMARLE LEAD CORPORATION

2. Albermarle Lead Mine (old name) Old workings

(a) 110 feet
(b) 200 feet approximately on three levels
(c) None
(d) 125 feet approximately

ALBERMARLE LEAD CORPORATION

3. (a) Three miles SE Nipton, California.

(b) Vanderbilt Mining District

(c) Township 15 North, Township 16 North
Range 16 East and Range 17 East
S.B.M.

(d) County of San Bernardino, State of California

ALBERMARLE LEAD CORPORATION

4. (a) Not operated now

(b) Owner

ALBERMARLE LEAD CORPORATION

5. Under the old Albermarle Lead Mine the property was intermittantly mined for about thirty years.

It is not being operated now and the object of this application is for the purpose of securing assistance from the Government to re-open operations.

ALBERMARLE LEAD CORPORATION

6. (a) Property is owned by a corporation with nine stockholders. They are all successful business and professional men. One member, Edward M. Martin, has for forty years been a mining-news editor, a writer of mines and mining for the Los Angeles Times, the Los Angeles Examiner and other papers and magazines. He has been a part owner in a number of mines in this general district, knows most mining men and the history of many mines.

(b) Elmer B. McCartney, a graduate of the Columbia School of Mines, class of 1909. In addition to an extended career as a mining engineer in the Southwest and in Montana, he has been until recently one of the principal owners of the Toro Manufacturing Company of Minneapolis, Minnesota. His business career has been highly successful.

ALBERMARLE LEAD CORPORATION

7. (a) About 1905, two prospectors discovered what is known generally as "Lead Hill". Lead at the time of discovery was worth about four cents a pound. They were after gold which they knew was in the district, the rich Vanderbilt mines at Invanpah, just a few miles south and at Searchlight, about the same distance east. They "gophered" their claims and discovered silver and explored in a crude way for the vein. They abandoned the claims and other prospectors came and went.

One group of prospectors was on the ground when the First World War broke out. Like all of the others, they had found lead and with the price of lead up, mined and sold some. With the war over, lead dropped back to five cents a pound and they left. Nothing more was done until 1942 and a second World War was being fought. Lead was a critical material and the U. S. Army proceeded to stock pile it at Jean, Nevada, about fifteen miles north.

About three miles from the Albermarle claims is the little town of Nipton, on the Main Line of the Union Pacific Railroad. A coal miner from Wales named Harry Trehearn settled in Nipton and in time became its most important figure, head of the schoolboard, the U. S. Mail contractor and distributer, Justice of the Peace, owner of the Nipton mercantile company, gas station, hotel, cottages and controlled the lives of all who lived there and worked in the neighborhood. All of them got into debt to him, sooner or later, and that included many miners in the district who purchased supplies, powder and tools. Trehearn, who died a year ago, became a rich man in a barren land.

In 1942, Trehearn remembered the price of lead had gone up in the previous war, was even more important. One set of prospectors had sunk a shaft down about fifty feet and taken out about $30,000 in silver and lead. Trehearn knew this because everything shipped went through Nipton and he was Nipton. So Trehearn located and patented Albermarle #1 and Albermarle #2 claims.

Edward M. Martin, one of the stockholders of the present corporation, at the suggestion of a well known mining engineer took a bond and lease from Trehearn and in 1948, located several other claims nearby and induced a man named William Noack to invest $6,400 in the mine, $2,000 going to Trehearn for a ten year lease for his claims. The balance of the money went into cleaning out the mine, extending the shaft and purchasing materials, compressor, pipes, etc.

7. Cont'd-

(a) Because of a death, Noack decided to sell his interest in the mine. He was a Colonel in the Reserves and had been called back for some refresher work in the east. Martin induced the present stockholders to buy Noack out. This was done and a house rented at Nipton for Headquarters. A Nevada corporation was formed with Judge Clarence D. Breese, Resident Agent, 109 So. Third Street, Las Vegas, Nevada.

(b) The territory around, in a strip about thirty by fifty miles, running from northwest to southeast is highly mineralized. There are many mines in this quadrangle and stock piling has been resumed at Jean for lead and zinc. It might be pointed out that near Wheaton Springs, about ten miles away some rare minerals have been discovered. No assays have been made for beryl, cobalt, tungsten, columbium, cryolite, etc. In fact it is doubted if anyone has attempted to discover any other than a few basic metals such as gold, silver, copper, etc. in this district. This should be done.

(c) A number of mining engineers have gone over the property and have been amazed at the rich assays but no attempt has been made to secure recommended exploration and development planning. The present shaft is obviously in the exact opposite direction from which it should have been started. There are three veins, outcropping which should have told even prospectors doing their "gophering" that they were wrong.

A vein of Fluorspar has been located which calls for trenching, probably. The market for Fluorspar is nearby, at Fontana, California with the Kaiser Steel Company.

ALBEMARLE LEAD CORPORATION

8. On MF-100

9. On MF-100

10. On MF-100

11. On MF-100

12. On MF-100

13. There is a fair desert road, 2.3 miles from mine to the good highway from Nipton to Searchlight. From this junction to Nipton it is 3.7 miles to Nipton. A bulldozer could make a good, straight road from the mine, down an easy grade to Nipton in two days.

    At Nipton there is an excellent loading platform which is in daily use.

14. On MF-100

15. On MF-100

16. On MF-100

17. When the property was purchased we acquired a compressor, pipe, tools, cable, dump truck, rails, etc. which cost originally two or three thousand dollars. All are serviceable except the compressor (new) from which some parts have been stolen. It would not be difficult or expensive to put it back into good condition.

18.

We had a field headquarters which burned down and with it some of our equipment.

Enclosed with this are three pictures.

(1) Shows entrance to shaft & dumps.

(2) A general view of terrain, character of desert road in foreground, the gentle grade up to the mine in the background.

(3) A view of the hoist frame at entrance to shaft and dumps.

The dumps should be (are estimated to be by two engineers) valuable. Certainly specimens taken at random assay very high in lead and silver.

The fluorspar vein is one two other claims, not shown in the pictures but adjoin this claim.

Our feeling in the matter is that some definite attempt should be made to ascertain whether or not there are other more strategic minerals on these claims. Possibly no single region in California is more highly mineralized.

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-949 X

Date received 5-31-51

Participation

ALBERMARLE LEAD CORPORATION DMA-947
Harry O. Hoyt, President
2543 Kelton Avenue
Los Angeles 64
California

Name and address of applicant

Date May 26, 1951

FILL IN THIS BLOCK

Date of application May 26, 1951

Estimated cost $15,000 - $35,000

Mineral or metal Lead, Silver & Fluorspar

Percentage of Government participation 50%

Location of mine Near Nipton, California

Vanderbilt Mining District

Date of filing MF-100 May 26, 1951

DMA Docket Number, if available 947 X

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

See separate sheets for all answers, this page.

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

16—64067-1

THE PROPERTY

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

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

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

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

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

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

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

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

*17. Production:
    (*a*) If mine is in production, furnish the following information: For above questions see MF-100

	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. See MF-100
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION See MF-100, Page 11, #18

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

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. See extra page 5

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete. See extra page 6

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 extra page 7

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each. For all questions in this
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings. see extra page 8,
    (*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.
See extra page 9

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.

Albermarle Land Corporation (Name of applicant)

By [signature] (Signature of authorized official)

May 26, 1951 (Date)

President (Title)

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

*Same as footnote on page 1.

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

ALBEMARLE LEAD CORPORATION

1. See MF-100
2. See MF-100
3. See MF-100
4. See MF-100
5. See MF-100

6. There are no claims, liens nor encumbrances against the property.

7. Inapplicable.

8. The corporation has been inactive since the purchase except, by subscription from its stockholders, location work and assessment work has been done and recorded at San Bernadino.

9. Applicant is ready and willing to provide money as required in Section 9 of Mineral Order 5.

10.

(a) Vanderbilt Mining District. (This outmoded description is still being used. So far as we have been able to discover, no one can define its boundaries) It consists of two patented claims, Albermarle No 1 and Albermarle No.2 and twelve surrounding claims, not patented.

The claims are, as nearly as we can determine, in Township 15 North and Township 16 North; Range 15 East and Range 17 East - S.B.M.

(b) Same.

11. MF-100
12. MF-100
13. MF-100
14. MF-100
15. MF-100
16. MF-100
17. MF-100
18. MF-100

19. This was answered on MF-100, PAGE 11 - No. 18.

20.

The primary exploration will be for lead and to determine the extent of the fluorspar vein.

As a secondary exploration, we have reason to believe these claims might have strategic and rare minerals. There has been a discovery near the property of rare minerals and no single location for many miles around is so highly mineralized.

21.

The engineers have estimated that it would take between six months and a year in which to discover the vein of lead and/or silver.

This work will require core drilling and men and material equipment are available nearby.

To determine the size of the fluorspar vein would be rather simple, largely by trenching.

22.

There are three reasons why the exploration should uncover commercial ore bodies:

(1) The present shaft on Albermarle #1 has produced about $30,000 in lead and silver despite the fact that the shaft is 90 degrees wrong.

(2) The dumps assay high in both lead and silver.

(3) The very rich mineralization of the area covered by the claims.

No proposed opening is presented because the proper place for such opening should be determined through core drilling. It is possible that even a cursory examination would indicate attempting to find a continuous vein on one of the outcroppings would be advisable.

The property was purchased in the first place because it had been a producer in recent years.

A number of assays were made by the corporation which were high in lead and very high in silver. The samples were taken on various levels in the mine and from the surafce and the dumps.

ALBERMARLE LEAD CORPORATION

23

(a) Core drilling to discover lead and/or silver vein would be contracted. It has been determined that the cost of core drilling under contract can be secured at four ($4.00) dollars per foot.

To determine the extent of the flurospar vein two laborers for trenching would be required. Laborers can be secured at Nipton, near the mine, for twelve and one-half dollars ($12.50) per day. It is estimated this work can be done in two weeks at a total cost of three hundred dollars, ($300.00).

(b) Inapplicable as work is contracted
(c) " " " " "
(d) " " " " "
(e) " " " " "
(f) " " " " "
(g) " " " " "
(h) " " " " "

(i) Undoubtedly there will be some incidental expenses for water possibly, building a latrine, etc. It is impossible to estimate the exact amount.

ALBERMARLE LEAD CORPORATION

24 Engineers have estimated that the cost of the core drilling would run roughly fifteen hundred ($1500) dollars a month, possibly as high as two thousand ($2000) dollars a month. It is believed that due to the nature of the geology that core drilling would not be difficult. There is no evidence of quartz, however, some difficult drilling in igneous rock may be expected.

An excellent engineer, Elmer B. McCartney, who is one of the stockholders, believes he could determine the value of the exploration within six months in this terrain. It is planned to have him supervise the work at no salary.

It is estimated that total cost of the work would be between fifteen and thirty-five thousand dollars.

It should be pointed out that if the vein of fluorspar is uncovered the corporation has an immediate market for this mineral and any contribution from the government for this exploratory work could be immediately discontinued, the corporation carrying the core drilling expenses as soon as practicable.

One of the incidental expenses should be testing for strategic and rare minerals.

FILE COPY
SURNAME:

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

Lyons
McKnight
Harres
Mote

April 16, 1951

In reply please refer to DMA-947

Mr. Harry E. Hoyt, President
Albermarle Lead Corporation
2543 Melton Avenue
Los Angeles 64, California

Dear Mr. Hoyt:

Your application for Government assistance to develop your lead properties in San Bernardino County, California, has been reviewed by the Lead-Zinc Branch, Defense Minerals Administration.

One of the forms of Government aid is the granting of procurement contracts for such materials as are in short supply. The Defense Minerals Administration, however, has not yet formulated a program for lead procurement.

A program has been recently approved for the encouragement of exploration of strategic materials. This program calls for participation on the part of the applicant. For lead deposits it will be necessary to match Government funds on an equal basis. Funds advanced by the Government will be considered a loan, to be repaid if the exploration is profitable, but to be canceled if unsuccessful. The details of the plan, explaining the projects that will be eligible for assistance, the terms and schedules of financing, repayment, and other pertinent information, are enclosed.

If you wish to participate in an exploration program under the conditions set forth in the enclosed regulations, please make formal application on the forms provided. Your proposal, which should be specific as to the work to be undertaken, will be reviewed and perhaps a field examination will be required before funds will be granted.

EJLyons:emp G 4/16/51

Very truly yours,

Otto Herres

OTTO HERRES, Chief
Lead-Zinc Branch

Copies to: H. C. Miller, Region III (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
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Inclosures