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

a, E.C.

June 22, 1951

MEMORANDUM

To: Landon F. Strobel, Executive Secretary

Through: Director, Supply Division

From: Minor and Rare Metals Branch

Subject: Rare Earths-Lead & Zinc
DMA docket 749x

Under date of April 30, 1951 the Robert E. Mining and Development Company, 1250 Roslyn St., Denver 7, Colorado submitted an exploration application (DMA 749x) for a project in the amount of $22,000; government participation in the amount of $19,800 or 90%.

The applicant does not present sufficient data to indicate that the proposed project merits further consideration. Mr. J. J. Norton of Geological Survey and Otto Herres of DMA are on record that application for lead, zinc and rare earths should be denied. Also reviewed by VanAlstine for monazite and denied.

The applicant so advised under date of June 20, (copy of letter attached) that there is insufficient evidence to justify recommending his proposal and consequently the application denied.

Attached find:
(a) two copies form MF-103
(b) two copies form MF-100
(c) memo of Otto Herres dated May 7
(d) memo of J. J. Norton dated May 22
(e) Review of application dated June 12, all of which is returned herewith.

Approved
Tom Lyon
Director Supply Division
Attachment

Weston Bourret
Weston Bourret, Chief
Minor and Rare Metals Branch

FILE COPY
SURNAME:

Bourret

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

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MEMORANDUM

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Weston Bourret M.H.
Weston Bourret, Chief
Minor and Rare Metals Branch

Tom Lyon
Attachment
WBourret/bf
cc: Adm. Reading File, Lyon, Strobel, Field Team (2), Kaiser-Hosted, Otto Herres, Norton, Bourret, Files

Dmia 749

856

FILE COPY
SURNAME:

Bourret

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

AIR MAIL

June 20, 1951

Mr. A. A. Kuhl, President
Robert E. Mining And Development Co.
1250 Rossland Street
Denver 7, Colorado

Re: Rare Earths, Lead & Zinc
Clear Creek, Colorado
DMA 749x

Dear Mr. Kuhl:

Your application of February 26, 1951 for an exploration project in the amount of $22,000 has been reviewed by both the Lead-Zinc and the Minor and Rare Metals Branch, Supply Division.

After careful study and consideration by this agency and its field engineers we find that there is insufficient evidence of mineralization to justify recommending your proposal. For this reason we regret to advise that your request for government assistance must be denied.

Yours very truly,

Tom Lyon

Tom Lyon, Director
Supply Division

WBourret/bf
cc: Adm. Reading File
Lyon
Strobel
Field Team (2)
Keiser-Hosted
Otto Herrera
~~Herrera~~
Norton
Bourret
Files

DMA 749

858

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-749X

Commodity Rare earths, Lead, Zinc

Total Amount $22,000.00

Govt. Participation 90%

1. Name and Address of Applicant Robert E. Mining and Development Co. 1250 Roslyn St., Denver 7, Colo.

2. Location of Property Montana Mining District, Clear Creek Co., Colo. "Township 26"

3. Mineral or metal Rare earths, lead, zinc Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

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

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

a) Good _____

b) Poor } Poor to none

c) None }

d) Don't know—needs field examination _____

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

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

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

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

*question numbers are those of MF-103

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 9/6

REFERRED TO:

1. Mr. Brussel
2.
3.
4.

FOR:

✓ Action
Approval
Comment
Conference
Consideration
Filing
Instructions
Investigation
Initials
Mailing
Previous correspondence
Recommendation
Record of
Referring to
Reply for signature of
Rewriting
Signature
Suggestions
Your information

REMARKS: This application was returned just today from Mr. Bass. Please excuse the delay.

Check (X) before the items needing attention.

LANDON F. STROBEL

Initials of sender.

GPO 16—63815-1

7. Are subordination agreements necessary?_____

a) MF-201?_____

b) MF-202_____

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

a) Available manpower_____

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

c) Accessibility (question 12)*_____

d) Water (question 13)*_____

e) Power (question 13)*_____

Is a field check needed on any of these points?_____

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

Is a field check needed on this point?_____

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

a) Is the project adequately described? No

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

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

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Doubtful.

If not, what part of it is?_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant? No

g) Is a field examination necessary to complete Exhibit A? Not desirable

11. Exhibit B (question 23-d)*

a) Is it applicable?_____

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

c) Is a field check needed?_____

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

a) Is it applicable?_____

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

c) Are rents and charges reasonable?_____

d) Is a field check needed?_____ _____

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

a) Are there sufficient data?_____

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

c) Is the schedule excessive for the work proposed?_____

d) Are the proposed wages and salaries reasonable?_____

e) Is a field check needed?_____

14. Exhibit E (question 23-c)*

a) Is it applicable? _____

b) Sufficient data? _____

c) Reasonable? _____

d) Field check needed? _____

15. In your judgment, can the proposed work be done in the proposed time? _____

(All exploration must be completed within two years)

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

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

Applicant does not present enough data to indicate that the proposed exploration project merits field examination. Norton of USGS (Memo of May 22, 1951) and Otto Herres of DMA (Memo of May 7, 1951) are on record that application for exploration for rare earths, lead, and zinc should be denied.

Reviewed by: Ralph E. Van Alstine
U.S. Geol. Survey

Date 6/12/51

97692

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. DMA-749X

Commodity Rare earths, Lead, Zinc

Total Amount $22,000.00

Govt. Participation 90%

1. Name and Address of Applicant Robert E. Mining and Development Co. 1250 Roslyn St., Denver 7, Colo.

2. Location of Property Montana Mining District, Clear Creek Co., Colo. "Township 26"

3. Mineral or metal Rare earths, lead, zinc Is it listed in Section 9 of MO-5? Yes

If not, application will be rejected.

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

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

a) Good

b) Poor } Poor to none

c) None }

d) Don't know—needs field examination

e) Is there an alternative and favorable project? No
(If so, attach an explanation)

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

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

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

*question numbers are those of MF-103

7. Are subordination agreements necessary?_____

a) MF-201?_____

b) MF-202_____

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

a) Available manpower_____

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

c) Accessibility (question 12)*_____

d) Water (question 13)*_____

e) Power (question 13)*_____

Is a field check needed on any of these points?_____

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

Is a field check needed on this point?_____

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

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

c) Is the proposed work "exploration" under the definition of Section 8, MO-5? Doubtful.

If not, what part of it is?_____

Is this part a worthwhile exploration project?_____

d) Are the cost estimates detailed?_____

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data?_____ If so, attach a draft.

e) Are the cost estimates reasonable?_____

f) Should more information be requested from applicant? No

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a) Is it applicable?_____

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

c) Is a field check needed?_____

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c) Is the schedule excessive for the work proposed?_____

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e) Is a field check needed?_____

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c) Reasonable? _____

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(All exploration must be completed within two years)

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

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Reviewed by: Ralph E. Van Alstine
U.S. Geol. Survey

Date 6/12/51

97692

IN REPLY REFER TO:

G-MD-JJN

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

May 22, 1951

Jack now handle

Memorandum

To: James A. Barr, Sr., Chairman
Nonmetallics Commodity Committee

From: J. J. Norton

Subject: Application DMA-749 from Robert E. Mining and Development Company, Clear Creek, Colorado, for exploration for lead, zinc, and rare earths.

I concur in your plan to deny funds for rare earth exploration by the Robert E. Mining and Development Company, DMA-749, on the grounds that the applicant does not present data to show that the exploration is worth while.

I have conferred with Mr. Edward P. Kaiser of our Denver office, who has some acquaintance with work that has been done on rare earths and uranium in Clear Creek County. He believes that this application is not worth further consideration unless the applicant can provide more data.

I am sending a copy of this memorandum to Mr. Bourret, who I am told handles rare-earth applications.

J J Norton

J. J. Norton

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTER
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 749 X

Date received 5/11/51

Participation

Robert E, Mining & Development Co.
1250 Roslyn St.
Denver 7 Colo.

Name and address of applicant

Date April 30 51

FILL IN THIS BLOCK

Date of application Feb. 26 51

Estimated cost $22,000. To complete

Mineral or metal Lead, Zinc Silver & Rare Earths

Percentage of Government participation 90%

Location of mine ~~Montana Mining District Clear~~ Creek Co. Colo.

Date of filing MF-100 Feb. 26 51

DMA Docket Number, if available 749 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? Partnership
*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. In Original Application
*5. Are you the owner or the lessee of the property? Owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

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

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

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

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

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

Above Questions Answered in Original Request

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.

Robert E, Mining & Development Co (Name of company) By A. A. Kuhl (Signature of authorized official)

April 30 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

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTER

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 - 749X

Date received 5/11/51

Participation

Robert E, Mining & Development Co.
1250 Roslyn St.
Denver 7 Colo.

Name and address of applicant

Date April 30 51

FILL IN THIS BLOCK

Date of application Feb. 26 51

Estimated cost $22,000. To complete

Mineral or metal Lead, Zinc Silver & Rare Earths

Percentage of Government participation 90%

Location of mine Montana Mining District Clear Creek Co. Colo.

Date of filing MF-100 Feb. 26 51

DMA Docket Number, if available 749 X

INSTRUCTIONS

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THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Partnership

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*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. In Original Application

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

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

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

16—64067-1

THE PROPERTY

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

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

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

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*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.

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(*a*) Describe the ore or mineral deposits briefly.

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THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

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(*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.

Above Questions Answered in Original Request

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.

Robert E, Mining & Development Co (Name of company) By *W. A. Kell* (Signature of authorized official)

April 30 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

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-749X

Date received 5/11/51

Robert E, Mining & Development Co.
1250 Roslyn St.
Denver 7 Colo.

Name and address of applicant

Date 4.30.51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization 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? Lead Zinc & Silver
   (*b*) What are the byproducts, if any? None
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. None
   (*b*) Linear feet of drifts and crosscuts. About 700 Ft.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. No Describe any pumping problems. Give size or productive capacity. 100 tons.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. # 3 miles
   (*b*) Mining district. Montana.
   (*c*) Township, Section, Range. Township 26
   (*d*) County, State. Clear Creek Co. Colorado.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. No
   (*b*) Are you operating this property as:
   ☒ Owner.
   ☐ Lessee.
   ☐ Contractor.
5. Number of years in production Unknown
   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)
[illegible]							
A.A. Kuhl							
1250 [illegible]	[illegible]						
William Drury							
Lawson Cole		None					
Eugene Johnson							
Lawson Cole		None					
Charles Johnson							
Lawson Cole		None					
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)		None	None	None	
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. Very Good Dirt Road used by owner mining co. near Grand Island, 2 miles to pavement and town

14. Water Supply: Running Water 300 Ft. from portal And is sufficient for our use

State source and quantity of water available for operations and whether sufficient for all seasons of year. Spring Water and runs year round

15. Power: We plan to use Diesel Power and later transfer to Generator

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

16. Labor: We have sufficient labor in community.

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

17. Equipment and Facilities: None

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.

Robert E. Mining & Development Co.
(Name of company)

By R. R. Kuehl
(Signature of authorized official)

April 30 1958
(Date)

Pres.
(Title)

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

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

Form MF-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-749X

Date received 5/11/51

Robert E, Mining & Development Co.
1250 Roslyn St.
Denver 7 Colo.

Name and address of applicant

Date 4.30.51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization 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? Lead Zinc & Silver
   (*b*) What are the byproducts, if any? None
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. None
   (*b*) Linear feet of drifts and crosscuts. About 700 Ft.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. No Describe any pumping problems. Give size or productive capacity. 100 tons.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. # 3 miles
   (*b*) Mining district. Montana.
   (*c*) Township, Section, Range. Township 26
   (*d*) County, State. Clear Creek Co. Colorado.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. No
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production Unknown
   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)
Partners							
A.A.Kuhl							
1250 Evelyn St. Denver	Pres.						
William Drury							
Lawson Cole.		None					
Ragnar Johnson							
Lawson Cole.		None					
Charles Johnson							
Lawson Cole.		None					
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)		None	None	None	
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. Very Good Dirt Road Used by either mining Co. Year around Road. 3 miles to pavement and town

14. Water Supply: Running Water 300 Ft. from portal And is sufficent for our use

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

Spring Water and runs year round

15. Power: We plan to use Diesal Power and later transfer to Generator

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

16. Labor: We have sufficent Labor in community.

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

17. Equipment and Facilities: None

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.

Robert E. Mining & Development Co.
(Name of company)

By J. A. Stuckel
(Signature of authorized official)

April 30 1958
(Date)

Pres.
(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

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

May 7, 1951

MEMORANDUM

To: Executive Secretary, D.M.A.

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

Re: Docket DMA-749 X
Commodity: Lead-Zinc

Subject: Denial of application for exploration loan -
Robert E. Mining and Development Co.
Clear Creek County, Colorado

The applicant has indicated that he is unable to provide his share of the funds for carrying out the exploration program for lead and zinc. The applicant does not have machinery that could be used for rental purposes in providing a part of the funds for the program. The amount of labor that could be substituted in lieu of cash requirements would not be adequate to meet the applicant's share of the costs.

The lead-zinc branch, therefore recommends that the application be denied as an exploration project for lead and zinc.

The application submitted on Form MF-103 mentions the possibilities of exploring for rare earths and indicates that the application is also for this purpose. It is, therefore, further recommended that the docket be referred to the appropriate commodity committee for consideration.

/s/ Otto Herres

Otto Herres, Chief
Lead-Zinc Branch

Approved:

/s/ Tom Lyon

Director, Supply Division

Robert E.Mining & Developm[illegible] Co
1250 Roslyn
Denver 7,Colo.

April,30,51

Defence Minerals Adminstration.
Washington 25,D,C,
Dear Mr.Herres.

In Reference to DMA-749

We are very willing to do all we can to do our part as far as we are able we are all working people and do not have any ready cash to put in this development program and do not have any machinery to use We are willing to put up part of our labor at prevaling rates in our comunity to off set some of our part and would gladly give all the net smelter returns untill the loan is paid off in full we have put a short round in the floor where we intend to sink our shaft and we honestly beleive the Ore will pay at least half the sinking costs.We are nearly sure of the Lead Zinc and Silver But ourE Exploration is mostly for Pitch Blend which has showed up in many of the Mines in our comunity in small amounts we have a very good counter reading in some parts of the mine and the talc formation we have looks very promising for a deposit of pitch blend,We have a streak of talc nearly 30 ins. in width I make these statments on the strength of some rare earths streaks I have seen and on the advice of A Mr. Anderson Who is with the Atomic Commision in Denver And a Geoligest from Columbia University Who was in our comunity last spring Examining a deposit of Rare Earths I Uncovered in a Mine about 1 mile from our mine ,

I think I could form a corp. and raise some money but it has been my experence in mining that to get any money we would have to give control and then the money is nearlya always used to pay salaries of officers and lawers and none of it realy goes to the actual development of the mines. I have lost a several very good properties that I have spent years to gather by giving away the control and all of them are tied up in lidigation and will never do any body any good. I can honestly say that that is the big trouble with mining in Colo. today People have been taken by stock promotors and have seen there money spent for fancy buildings,big mills and big salaries and no actual mining done. Myself and partners are ready to mine our mine and would like to have it mined in a good mining fashion we have all had experence with sucesfull mines and are able to manage this mine to get the most work done for the least money spent.We would be happy to get 10,000 Dollors to start and get our shaft down to where we would have more proof of what reserves in ore we acturly have.We would like very much to be able to get started to mine while the weather is warm and not have to fight the snow. I will say again we will do anything and everything possible to make this a sucess.

Very truly yours,

A. A. Kuhl

A.A.Kuhl Pres.
Robert E,Mining & Development Co.

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-749 X

Date received 5/11/51

Participation

Robert E, Mining & Development Co.
1250 Roslyn St.
Denver 7 Colo.

Name and address of applicant

Date April 30 51

FILL IN THIS BLOCK

Date of application Feb. 26 51

Estimated cost $22,000. To complete

Mineral or metal Lead, Zinc Silver & Rare Earths

Percentage of Government participation 90%

Location of mine Montana Mining District Clear Creek Co. Colo.

Date of filing MF-100 Feb. 26 51

DMA Docket Number, if available 749 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? Partnership

*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. In Original Application

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

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

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

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

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

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

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

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

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

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

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

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

Above Questions Answered in Original Request

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.

Robert E, Mining & Development Co (Company) — By R. A. Kuhl (Signature of authorized official)

April 30 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

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-749X

Date received 5/11/51

Robert E. Mining & Development Co.
1250 Roslyn St.
Denver 7 Colo.

Name and address of applicant

Date 4.30.51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124-A (Amortization 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? Lead Zinc & Silver
   (*b*) What are the byproducts, if any? None
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. None
   (*b*) Linear feet of drifts and crosscuts. About 700 Ft.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. No Describe any pumping problems. Give size or productive capacity. 100 tons.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. # 3 miles
   (*b*) Mining district. Montana.
   (*c*) Township, Section, Range. Township 26
   (*d*) County, State. Clear Creek Co. Colorado.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. No
   (*b*) Are you operating this property as:
   - ☑ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production Unknown
   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)
Partners							
A.A.Kuhl							
1250 Poslyn St. Denver	Pres.	K.					
William Drury							
Lawson Cole.		None					
Ragnar Johnson							
Lawson Cole.		None					
Charles Johnson							
Lawson Cole.		None					
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)		None	None	None	
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. Very Good Dirt Road Used by Gather mining Co. Year around Road. 3 miles to pavement and town

14. Water Supply: Running Water 300 Ft. from portal And is sufficent for our use

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

Spring Water and runs year round

15. Power: We plan to use Diesel Power and later transfer to Generator

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

16. Labor: We have sufficent Labor in community.

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

17. Equipment and Facilities: None

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.

Robert E. Mining & Development Co.
(Name of company)

By A. A. Kuehl
(Signature of authorized official)

April 30 1958
(Date)

Pres.
(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

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

APR 12 1951

In reply please
refer to MMA-743

Mr. A. A. Kuhl
Robert E. Mining & Development Company
1250 Evelyn
Denver, Colorado

Dear Mr. Kuhl:

One of the purposes of the Defense Production Act of 1950 is the encouragement of exploration, development and mining of strategic minerals and metals. Where an applicant has proven reserves of strategic materials, Federal aid in mining can be given through procurement contracts for such materials as are in short supply. On the strength of these contracts, the applicant can obtain private financing in most instances.

The program recently approved for encouragement of exploration of strategic materials calls for participation on the part of the applicant. For zinc, lead and copper 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 cancelled 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.

A review of your application (MMA-743) for financial aid in reopening the portal and main drift and sinking a shaft on your property indicates that your proposal may be considered under this exploration program. Details concerning expenditures that will be considered chargeable to exploration aid will be subject to a final determination by negotiation, but as a preliminary appraisal we believe that the program will apply to your entire request of $2[illegible],000.

Before we can proceed further with consideration of your application, which may or may not require a field examination, please indicate your willingness to provide your share of the funds needed to carry out the proposed exploration. Any modification of your original proposal that you may wish to make will be considered, but you should be specific concerning the work you wish to undertake.

Very truly yours,

Otto Herres

Director, Chief
Lead-Zinc Branch

RJLyons:mmp 4 3/23/51
Copies to: 2 copies to J. H. East, Jr
Region IV
Chief, Lead-Zinc Br.
McKnight 4204 GSA
L. E. Moon

Enclosures: A. H. Mote
L. F. Strobel
C. O. Mittendorf
Files

LANDON F. STROBEL

HERRES
3-2-51
MAR - 2 1951
dmw
749

Mr. A. A. Kuhl
1250 Roslyn
Denver, Colorado

February 26, 1951

Defence Minerals Adminstration
Interior Building
Washington 25, D. C.

Dear sir:

Regarding mining loan for Robert E. Mining and Development Company

1. Company under which mine is to be opperated, Robert E. Mining And Development Company. This mine was operated for a number of years by two individuals Mr. Watts and Mr. Stemble. One of these men worked the mine while the other grubstaked him. So it was a one man operation working intirely by hand. These men were original locators of this calim. Th s claim has not been worked since 1936.

2. No records of past production available. History and work done. A tunnel was driven some 300 feet to intersect the vien. All mining done was to follow high grade silver streaks leaving all base metels which are good enough to mill at present prices. There has never been a mill run made from this claim all ore mined was hand sorted and t e high grade packed off mule back. No work was ever done under the tunnel level which is approxmently 200 feet under the surface. History of other producers in the area show better base metels at greater depths down as deep as 900 feet the portal to this mine has been down for a number of years. We had a dozer work for three days to open the portal to make it safe to enter and make an excamination of the mine. We found the vein to be from 3 feet to 8 feet wide at places assaying as much as 10% lead and 11.6% zink with 8oz. silver

3. Proposed work. Clean up and timber portal. Clean up main drift, lay tracks and lines, put up several temporary building to house the equipment. Approxmently 30 days will be required to finish up on the dead work around and in the mine. Our plans are to sink a shaft on the ore to about 100 feet then drift off to the extent of the ore shute blocking out a considerable block of good mill dirt and all indications are that we will incounter some good smelting ore by doing some sorting at the ore bin. We have istimated the cost of sinking this shaft to be approxmently $60 per foot which does not include the sale of ore taken from sinking the shaft. Others expences are as follows:

Machinery	$10,000
Timber and supplies	$3,500
Payroll	$8,500

Regarding mining loan for Robert E. Mining and Development Company. Feb. 26, 1951

A. Explained in above paragraphs.

B. We have no equipment on hand.

C. Air compressor, hoist, stopers, jack hammer, drifters, mine cars, rail, air line, and timber.

D. None working.

E. There are four of us in the company who are all experenced miners which will be the force untill the shaft is down. We can get a number of experinced miners in our localty as we expand our operations.

F. Ore will have to be milled and we can have it milled at either the Silver Spruce mill at Idaho Springs a distance fo 8 miles or at the Clear Creek Corperation Mill a distance of 4 miles. Both Mills have selective floation. All ore will have to be transported by truck at a cost of 65 cents per ton.

G. We expect to get our production to about 50 tons a day in ninty days.

H. We expect to be in full production from four to six months.

I. The roads to the mine are very good and can be used the year around. We have a several rather steep hrades but can easily be reached by passenger cars. The road is being used by two other mining companys working in the same vinicity and is kept clear of snow in the winter months for hauling ore.

J. We can operate on 5 to 7 cent lead and zink with our grade of ore.

4. No exact estimate can be made on ore reserves. The possibilities are for thousands of tons of good grade mill ore. This is based on producers around us which are such producers as the Joe Renolds, American Sisters, Bellevue, Millington, Senator and Blueridge which have produced into the millions in lead zink and silver. The mountain is criss crossed by many good strong veins.

5. No known reports available.

6. My partners and myself have managed mines in our past experence.

7. We have not attempted to finance this mine

This property is open for inspe tion by any of your engineers for and information you may need.

Sincerly yours,

A. A. Kuhl

A. A. KUHL PRESIDENT

AAK:MK

FILE COPY
SURNAME:

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

alBrokaw
McKnight
Mote
Herres

Memorandum L. F. Strobel May 7, 1951

To: Executive Secretary, D.M.A.

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

Re: Docket DMA-749
Commodity: Lead-zinc

Subject: Denial of application for exploration loan -
Robert E. Mining and Development Co.
Clear Creek County, Colorado

The applicant has indicated that he is unable to provide his share of the funds for carrying out the exploration program for lead and zinc. The applicant does not have machinery that could be used for rental purposes in providing a part of the funds for the program. The amount of labor that could be substituted in lieu of cash requirements would not be adequate to meet the applicant's share of the costs.

The Lead-Zinc Branch, therefore recommends that the application be denied as an exploration project for lead and zinc.

The application submitted on Form MF-103 mentions the possibilities of exploring for rare earths and indicates that the application is also for this purpose. It is, therefore, further recommended that the docket be referred to the appropriate commodity committee for consideration.

ALBrokaw:emp G 5/7/51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight
L. B. Moon
R. H. Mote
L. F. Strobel
T. Lyon
Files

Otto Herres

Otto Herres, Chief
Lead-Zinc Branch

Tom Lyon
ad

Docket 749

856

FILE COPY
SURNAME:

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

alBrokaw
McKnight
Moon
Mote
Strobel

May 7, 1951

Re: Docket DMA-749

Mr. A. A. Kuhl, President
Robert E. Mining and Development Company
1250 Roslyn
Denver 7, Colorado

Dear Mr. Kuhl:

Your application (DMA-749) for an exploration loan has been reviewed by the Lead-Zinc Branch of the Defense Minerals Administration. Since your application and covering letter states that you are unable to provide fifty per cent of the funds necessary to carry out the project for lead and zinc exploration, it is, therefore, mandatory that your application be denied.

The application will be given further consideration as a possible exploration project for the rare earths. Future action on your proposal will be initiated by the committee handling the applications for this commodity group.

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

Very truly yours,

Tom Lyon
Tom Lyon, Director
Supply Division

ALBrokaw:emp G 5/7/51
Copies to: J.H.East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
T. Lyon
Files

Dmar 749

856

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

G-MD-JJN

May 22, 1951

Memorandum

To: James A. Barr, Sr., Chairman
Nonmetallics Commodity Committee

From: J. J. Norton

Subject: Application DMA-749 from Robert E. Mining and Development Company, Clear Creek, Colorado, for exploration for lead, zinc, and rare earths.

I concur in your plan to deny funds for rare earth exploration by the Robert E. Mining and Development Company, DMA-749, on the grounds that the applicant does not present data to show that the exploration is worthwhile.

I have conferred with Mr. Edward F. Keiser of our Denver office, who has some acquaintance with work that has been done on rare earths and uranium in Clear Creek County. He believes that this application is not worth further consideration unless the applicant can provide more data.

I am sending a copy of this memorandum to Mr. Bourret, who I am told handles rare-earth applications.

JJNorton:jeh
G-5/22/51

copy to: Director's Reading file, Rm. 4212
Branch files, Rm. 4212 GSA Bldg.
Mr. Bourret
JJNorton
DMA files ✓

Dma-749 X

Robert E.Mining & Developme Co
3250 Roslyn
Denver 7,Colo.

April,30,51

Defence Minerals Administration.
Washington 25,D,C,
Dear Mr.Herres.

In Reference to DMA-749

We are very willing to do all we can to do our part as far as we are able we are all working people and do not have any ready cash to put in this development program and do not have any machinery to use We are willing to put up part of our labor at prevaling rates in our community to off set some of our part and would gladly give all the net smelter returns untill the loan is paid off in full we have put a short round in the floor where we intend to sink our shaft and we honestly beleive the Ore will pay at least half the sinking costs.We are nearly sure of the lead Zinc and Silver But ourE Exploration is mostly for Pitch Blend which has showed up in many of the Mines in our community in small accounts we have a very good counter reading in some parts of the mine and the talc formation we have looks very promising for a deposit of pitch blend,We have a streak of talc nearly 30 ins. in width I make these statments on the strength of some rare earths streaks I have seen and on the advice of A Mr. Anderson Who is with the Atomic Commision in Denver And a Geoligest from Columbia University Who was in our community last spring Examining a deposit of Rare Earths I Uncovered in a Mine about 1 mile from our mine ,

I think I could form a corp. and raise some money but it has been my experence in mining that to get any money we would have to give control and then the money is nearlya always used to pay salaries of officers and lawers and none of it realy goes to the actual development of the mines. I have lost a several very good properties that I have spent years to gather by giving away the control and all of them are tied up in lidigation and will never do any body any good. I can honestly say that that is the big trouble with mining in Colo. today People have been taken by stock promoters and have seen there money spent for fancy buildings,big mills and big salaries and no actual mining done. Myself and partners are ready to mine our mine and would like to have it mined in a good mining fashion we have all had experence with sucesfull mines and are able to manage this mine to get the most work done for the least money spent.We would be happy to get 10,000 Dollors to start and get our shaft down to where we would have more proof of what reserves in ore we acturly have.We would like very much to be able to get started to mine while the weather is warm and not have to fight the snow. I will say again we will do anything and everything possible to make this a sucess.

Dma-749 (Bonus)

Very truly yours,

A.A.Kuhl

A.A.Kuhl Pres.
Robert E,Mining & Development Co.

856

Form MF-193
(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-749 X

Date received 5/11/51

Participation

Robert E, Mining & Development Co.
1250 Roslyn St.
Denver 7 Colo.

Name and address of applicant

Date April 30 51

FILL IN THIS BLOCK

Date of application Feb. 26 51

Estimated cost $22,000. To complete

Mineral or metal Lead, Zinc Silver & Rare Earths

Percentage of Government participation 90%

Location of mine Montana Mining District Clear Creek Co. Colo.

Date of filing MF-100 Feb. 26 51

DMA Docket Number, if available 749 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? Partnership
*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. In Original Application
*5. Are you the owner or the lessee of the property? Owner
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None
7. If lessee, attach a copy of the lease and state if it is in good standing.

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

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

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

16—64067-1

THE PROPERTY

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

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

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

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

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

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

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

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

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties.

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

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

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

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

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

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

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

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

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent.

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.

(*i*) Cost of power, water, utilities, and any other items not provided for above.

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

Above Questions Answered in Original Request

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.

Robert E, Mining & Development Co (Company)

By A. G. [illegible] (Signature of authorized official)

April 30 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

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-749 X

Date received 5/11/51

Name and address of applicant

Robert K. Mining & Development Co.
1250 Kalyn St.
Denver 7 Colo.

Date 4.30.51

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) Necessity Certificate pursuant to the provisions of Sec. 124–A (Amortization 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? Lead Zinc & Silver
   (*b*) What are the byproducts, if any? None
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. None
   (*b*) Linear feet of drifts and crosscuts. About 700 Ft.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).
   Indicate whether mine is flooded or not. No Describe any pumping problems. Give size or productive capacity. 150 tons.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 3 miles
   (*b*) Mining district. Montana.
   (*c*) Township, Section, Range. Township 26
   (*d*) County, State. Clear Creek Co. Colorado.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. No
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production Unknown
   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)
Partners							
A.A.Kuhl 1250 Roslyn St. Denver	Pres.	None					
William Drury Lawson Colo.		None					
Raggner Johnson Lawson Colo.		None					
Charles Johnson Lawson Colo.		None					
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)		None	None	None	
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

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

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

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. Very Good Dirt Road Used by Gather mining Co. Year around Road. 3 miles to pavement and town

14. Water Supply: Running Water 300 Ft. from portal And is sufficent for our use

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

Spring Water and runs year round

15. Power: We plan to use Diesel Power and later transfer to Generator

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

16. Labor: We have sufficent Labor in community.

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

17. Equipment and Facilities: None

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.

Robert E. Mining & Development Co.
(Name of company)

By [signature]
(Signature of authorized official)

April 30 1958
(Date)

Pres.
(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

Robert E.Mining & Development Co
1250 Roslyn
Denver 7,Colo.

Mr. Bennett
~~LANDON F. STROBEL~~
~~Mr. Bank~~

April,30,51

Defence Mimerals Adminstration.
Washington 25,D,C,
Dear Mr.Herres.

Denied 5/7/51
Otto Herres/Frank Lynch

In Reference to DMA-749

We are verv willing to do all we can to do our part as far as we are able we are all working people and do not have any ready cash to put in this development program and do not have any machinery to use We are willing to put up part of our labor at prevaling rates in our comunity to off set some of our part and would gladly give all the net smelter returns untill the loan is paid off ln full we have put a short round in the floor where we intend to sink our shaft and we honestly beleive the Ore will pay at least half the sinking costs.We are nearly sure of the Lead Zinc and Silver But ourE Exploration is mostly for Pitch Blend which has showed up in many of the Mines in our community in small amounts we have a very good counter reading in some parts of the mine and the talc formation we have looks very promising for a deposit of pitch blend,We have a streak of talc nearly 30 ins. in width I make these statments on the strength of some rare earths streaks I have seen and on the advice of A Mr. Anderson Who is with the Atomic Commision in Denver And a Geoligest from Columbia University Who was in our community last spring Excamining a deposit of Rare Earths I Uncovered in a Mine about 1 mile from our mine ,

I think I could form a corp. and raise some money but it has been my experence in mining that to get any money we would have to give control and then the money is nearly always used to pay salaries of officers and lawers and none of it realy goes to the actual development of the mines. I have lost a several very good properties that I have spent years to gather by giving away the control and all of them are tied up in lidigation and will never do any body any good. I can honestly say that that is the big trouble with mining in Colo. today People have been taken by stock promotors and have seen there money spent for fancy buildings,big mills and big salaries and no actual mining done. Myself and partners are ready to mine our mine and would like to have it mined in a good mining fashion we have all had experence with sucesfull mines and are able to manage this mine to get the most work done for the least money spent.We would be happy to get 10,000 Dollors to start and get our shaft down to where we would have more proof of what reserves in ore we acturly have.We would like very much to be able to get started to mine while the weather is warm and not have to fight the snow. I will say again we will do anything and everything possible to make this a sucess.

Very truly yours,
A.A.Kuhl
A.A.Kuhl Pres.
Robert E,Mining & Development Co.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 2 - 1951
LANDON F. STROBEL
Executive Secretary

MAY 2 1951

Robert E.Mining & Developmene Co
1250 Roslyn
Denver 7,Colo.

April,30,51

Defence Minerals Adminstration.
Washington 25,D,C,
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In Reference to DMA-749

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Very truly yours,

A.A.Kuhl

A.A.Kuhl Pres.
Robert E,Mining & Development Co.

FILE COPY
SURNAME:

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

APR 12 1951

Lyons (EJL)
McKnight
Herres
Mote

In reply please refer to DMA-749.

Mr. A. A. Kuhl
Robert E. Mining & Development Company
1250 Roslyn
Denver, Colorado

Dear Mr. Kuhl:

One of the purposes of the Defense Production Act of 1950 is the encouragement of exploration, development and mining of strategic minerals and metals. Where an applicant has proven reserves of strategic materials, Federal aid in mining can be given through procurement contracts for such materials as are in short supply. On the strength of these contracts, the applicant can obtain private financing in most instances.

The program recently approved for encouragement of exploration of strategic materials calls for participation on the part of the applicant. For zinc, lead and copper 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.

A review of your application (DMA-749) for financial aid in reopening the portal and main drift and sinking a shaft on your property indicates that your proposal may be considered under this exploration program. Details concerning expenditures that will be considered chargeable to exploration aid will be subject to a final determination by negotiation, but as a preliminary appraisal we believe that the program will apply to your entire request of $22,000.

Before we can proceed further with consideration of your application, which may or may not require a field examination, please indicate your willingness to provide your share of the funds needed to carry out the proposed exploration. Any modification of your original proposal that you may wish to make will be considered, but you should be specific concerning the work you wish to undertake.

EJLyons:emp G 3/23/51

Very truly yours,

Otto Herres

OTTO HERRES, Chief
Lead-Zinc Branch

Copies to: 2 copies to J. H. East, Jr
Region IV
Chief, Lead-Zinc Br.
McKnight 4204 GSA
L. B. Moon
R. H. Mote
L. F. Strobel
C. O. Mittendorf
Files

Enclosures

Copy 1/49

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