DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1667

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

_____

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To:	Supply Div.	Date	Aug 21, 51
To:	Pgm. & Rec.	Date	8/22/51
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1667-X

John M. Lyon

To: Reports and Records Branch

From: LEAD ZINC BRANCH

Date: JUL 6 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to

Type of request changed to:

Denied ☐ Withdrawn ☐

Approved in amount of $

Other action, specify:

On hand. to be denied

FILE COPY 350
SURNAME:

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

AUG 22 1951

McKnight
O'Leary
(F. Mote)

Re: DMA-1667

Mr. John M. Lyon

Dyke, Colorado

A.E.C.

Dear Mr. Lyon:

Your application for an exploration loan of $20,000, to develop your Thunder Mine, has been reviewed by the Defense Minerals Administration.

Under the exploration program being carried on by the Defense Minerals Administration, loans for lead and zinc exploration can be granted only if the applicant is willing to match with an equal amount of money, so that he finances half of the cost. This is not the only requirement, however, for the Government must be convinced that the proposed project stands a good chance of discovering worthwhile tonnages of strategic metals needed in national defense. Your application fails to give much information on the ore occurrence at your mine, but we find that the property is briefly described in U. S. Geological Survey Professional Paper 219, published in 1949. Although your prospect contains some lead, the vein is narrow and there is little reason to hope that further exploration will lead to discovery of any significant tonnage of lead. The California district has been mainly a producer of gold and silver, with comparatively little production by such strategic metals as copper and lead. Under these circumstances, we do not believe it to be a justifiable expenditure of public funds to advance half of the cost of your proposed project, and I regret that your application must be denied.

I wish to thank you for bringing this property to the attention of the Defense Minerals Administration.

Very truly yours,

Tom Lyon

37 8/22

Tom Lyon, Director
Supply Division

ETMcKnight:emp
G 8-20-51
Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records
Directors r. file 4214 GSa
Br. r. file 4214 GSA
Files

AUG 22 1951

Ref: [illegible]A-1657

Mr. John [illegible] Lyon

[illegible]yne, Colorado

Dear Mr. Lyons

Your application for an exploration loan of $70,000, in behalf of your Summer [illegible], has been reviewed by the Defense Minerals Administration.

Under the exploration program being carried on by the Defense Minerals Administration, loans for lead and zinc exploration are provided only if the applicant is able to provide with an equal amount of money, at least one-fourth of the cost. This is not the only requirement, however, for the [illegible] reviewed that the proposed project stands a good [illegible] of [illegible] a profitable mine and strategic metals needed in national defense. Your application [illegible] give [illegible] information [illegible] your mine, and we know the property is briefly described in a geological survey, [illegible] in 1944. Although your prospect contains some lead, the [illegible] there is little reason to [illegible] exploration will lead to discovery of any [illegible] deposits. The [illegible] district has been mainly a producer of gold and silver, with comparatively little production by such strategic metals as copper and lead. Under these circumstances, we do not believe it to be a justifiable expenditure of public funds to advance half of the cost of your proposed project, and I regret that your application must be denied.

I wish to thank you for bringing this property to the attention of the Defense Minerals Administration.

Very truly yours,

[illegible] Lyon

[illegible] Lyon, Director
Purchase Division

[illegible]:mnightstamp
G 8-20-51
Copies to: W. F. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
[illegible] Knight [illegible]
R. [illegible] Hots
Reports & Records
Directors r. file [illegible]
Dr. r. file [illegible]
Files

FILE COPY
SURNAME:

350

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AUG 22 1951

McKnight
O'Leary
(For Mote)
Johnson

Re: DMA-1667
John M. Lyon
Thunder Mine
California (LaPlata) District, Colo.
Exploration loan $20,000
Lead-zinc

G. E. C.

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

Applicant has not indicated that he understands the principle of equal participation on exploration costs, as he has not filled in the percentage of Government participation and has ignored question 9 which concerns his ability to match half of the funds. However, his proposal has little merit from an exploration standpoint, as explained below.

His prospect is described in U. S. Geological Survey Prof. Paper 219 (1949) as two short adits intersecting 3 veins. Two of the veins consist of pyrite cementing a breccia in sandstone, resembling the May Day and other similar gold producers in the district. The third vein is 12 to 18 inches wide and composed of brecciated sandstone, much ~~gangue~~ gouge, and considerable quantities of quartz and coarsely crystallized galena. The production from the property in 1937 was 2 tons of ore that yielded 0.69 oz. gold and 6 Oz. silver. In view of the known gold-silver character of the camp, which has produced $4,360,000 in gold, $1,290,000 in silver, and only $38,000 in lead (358 tons), funds for exploration of the lead vein should be denied, and the attached letter sent to the applicant.

Returned herewith are: 3 copies of DF-103, only one of which is accompanied by a text partially answering the questions on the form.

Gunnard Johnson

BJ 8/22

T. P. Billings, Chief
Lead-Zinc Branch

ETMcKnight:emp
G 8-20-51

Approved:
John Lyon

Director, Supply Division

Copies to: J. H. East, Jr. Region IV (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
Reports & Records Unit
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

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

AUG 22 1951

Memorandum

Re: DMA-1667
John M. Lyen
Thunder Mine
California (LaPlata) District, Colo.
Exploration loan $20,000
Lead-zinc

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

Applicant has not indicated that he understands the principle of equal participation on exploration costs, as he has not filled in the percentage of Government participation and has ignored question 9 which concerns his ability to match half of the funds. However, his proposal has little merit from an exploration standpoint, as explained below.

His prospect is described in U. S. Geological Survey Prof. Paper 219 (1949) as two short adits intersecting 3 veins. Two of the veins consist of pyrite cementing a breccia in sandstone, resembling the May Day and other similar gold producers in the district. The third vein is 12 to 18 inches wide and composed of brecciated sandstone, much gouge, ~~gangue,~~ and considerable quantities of quartz and coarsely crystallized galena. The production from the property in 1937 was 2 tons of ore that yielded 0.69 oz. gold and 6 oz. silver. In view of the known gold-silver character of the camp, which has produced $4,360,000 in gold, $1,290,000 in silver, and only $38,000 in lead (358 tons), funds for exploration of the lead vein should be denied, and the attached letter sent to the applicant.

Returned herewith are: 3 copies of MF-103, only one of which is accompanied by a text partially answering the questions on the form.

T. P. Billings by
T. P. Billings, Chief
Lead-Zinc Branch

Approved
Tom Lyon
Director, Supply Division

AUG 22 1951

Re: [illegible]-1667
John M. Lynn
Thunder Mine
California (LaPlata) District, Colo.
Exploration loan $20,000
Lead-zinc

Memorandum

To: Reports and Records Unit
Administrative Management Div.

From: Chief, Lead-Zinc Branch

Subject: Denial of loan

Applicant has not indicated that he understands the principle of equal participation on exploration costs, as he has not filled in the percentage of Government participation and has ignored question 9 which concerns his ability to match half of the funds. However, his proposal has little merit from an exploration standpoint, as explained below.

His prospect is described in U. S. Geological Survey Prof. Paper 417 (1964) as two short adits intersecting 5 veins. Two of the veins consist of pyrite cementing a breccia in sandstone, resembling the Joy Ray and other similar gold producers in the district. The third vein is 12 to 18 inches wide and composed of brecciated sandstone, much gouge, and considerable quantities of quartz and coarsely crystallized galena. The production from the property in 1957 was 2 tons of ore. That yielded 3.69 oz. gold and 6 oz. silver. In view of the known gold-silver character of the camp, which has produced $4,500,000 in gold, $1,000,000 in silver, and only $35,000 in lead (95 tons), funds for exploration of the lead vein should be denied, and the attached letter sent to the applicant.

Returned herewith are: 3 copies of P-10, only one of which is accompanied by a text partially answering the questions on the form.

Gunnard Johnson

[illegible] Chief
Lead-Zinc Branch

Approved:

[illegible]
Director, Supply Division

[illegible]Knight:mp
8-20-51
Copies to: J. H. Emst, Jr. Region IV (2)
Chief, Lead-Zinc Br.
[illegible] T. McKnight 4214 GSA
[illegible] H. Ivte
Reports & Records Unit
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

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

June 21, 1951

Mr. John M. Lyon
Thunder Mining Company
Dyke, Colorado

Subject: DMA-1667X
Re: Exploration Loan -
The Thunder

My dear Mr. Lyon:

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

The application was assigned Docket Number DMA-1667X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch on June 13, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1667X.

Sincerely yours,

LANDON F. STROBEL
jc

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
✓File
Herres
Lyon

Form [illegible]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/1667X

Date received 6-8-51

Participation

Lyen, John M.
Thunder Mining Company
Dyke, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 8 - 1951
LANDON F. STROBEL
Executive Secretary
Date

Name and address of applicant

FILL IN THIS BLOCK

Date of application June 4

Estimated cost $20,000

Mineral or metal Lead, zinc, silver, gold

Percentage of Government participation

Location of mine 12 miles north east of Moncos Colorado

Date of filing MF-100 June 4

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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.

---------- By ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (Title)

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

*Same as footnote on page 1.

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

LANDON F. STROBEL

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. dpm 1667X

Date received 6-8-51

Participation

INTERIOR DEPT. SECRETARY'S MAIL CENTER 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 8 - 1951
LANDON F. STROBEL
Executive Secretary

TO MINES

Name and address of applicant

John M. Lyon Dyke Colorado

Date

FILL IN THIS BLOCK

Date of application

Estimated cost 20,000

Mineral or metal lead zinc

Percentage of Government participation

Location of mine 12 miles ~~[illegible]~~ north east of Marcos in California mining district of Colorado.

Date of filing MF-100 June 4

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

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

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

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

JUN 13 1951

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.

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.

Thunder Mining Co By John M. Lyon

(Name of company) (Signature of authorized official)

(Date) (Title)

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

*Same as footnote on page 1.

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

I am the operator and finder of the mine.
John M. Lyon ½ intrest
William P. Puett
1008 Bert Murphy Blvd
Bellevue Nebraska

Mrs Ruby Star Tennesse owns ⅓ intrest I dont know her address - but William Puett does.

John Lyon I have had about fifteen years experience in lode mining.

The Thunder mine is located 12 miles north east of Manco Colorado. My Brother inlaw Mr. Charly Starr was the former owner of the mine he passed away a few years ago. There is switch on the ~~Rio Grand~~ Riogrand Southern Rail Road

six and one half miles of the Thunder mine where the ore could be loaded on a car.
The road is in good shape all but the last mile and a half to the mine.
The mine has two tunnels one 125 ft in length the other tunnel is 90 ft in length then there is an other tunnel 140 ft in length on a different vain of ore there is about 200 tons of $40.00 forty dollar ore on the dump.
The Silver Dollar mine has produced a lot of ore also the Red arrow mine produced about a half million in gold and other metals they are both located on a Pass mountain where the Thunder mine is

located.
The reason I'm not operating the Thunder mine is I dont have the money to do it with.
The mineral in the vein are lead, zink, silver, gold, the types of deposits are ore — shoots in the fisher vein
It will take about two months to put the mine in production the portal of the mine is 800 ft above the government road to the mine it will take about 2000 ft of ~~road~~ new road so the ore can be trucked to the shipping place
There is a good cabin on property about 1000 ft from mine.
The cost of miners is $12.50 per day muckers $10.00 per day

There should be a compressor house built cost about $500 five hundred dollars also compressor cost $3 5.00 thirty five hundred dollars. mine cars to cost $500 five hundred dollars mine rails one thousand dollars 200 ft of pipe cost about $75.00 seventy five dollars.

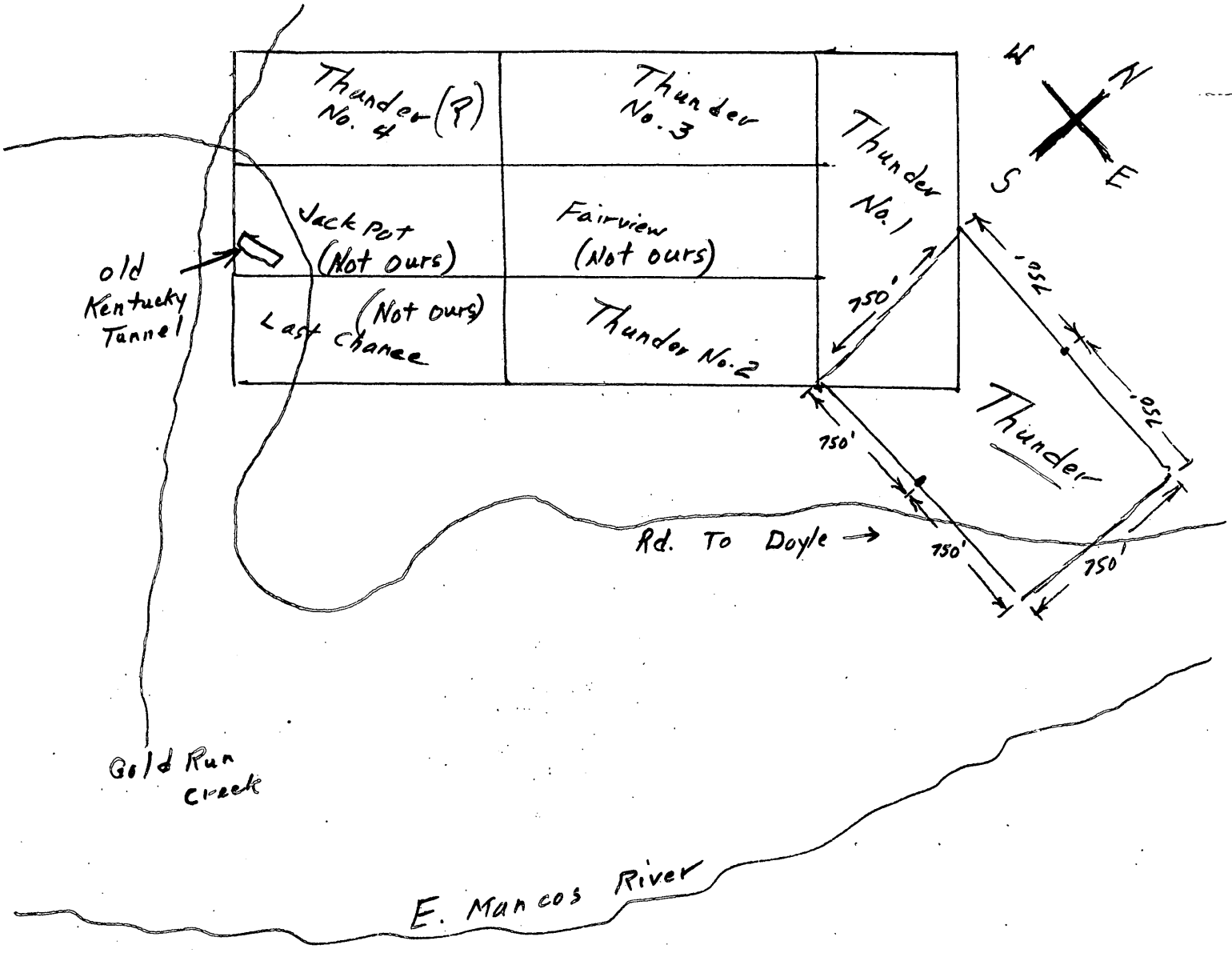
There is a good stream of water all the year it is about one mile and a half north of the mine.

The ore could be shiped to Salt Lake City Utah or to Leadville Colorado.

The ore assays $80.00 per ton average had one assay to run 16.00 lbs lead, 1000 ounces silver, 4 oz gold, 7 percent ~~[illegible]~~ zink to the ton

John —

So assess. work & when I come down this Summer we will recheck all corner locations. Don't worry about them till then. I have not been filing on Thunder No. 4. Maybe we can pick it up again too.



This is a rough sketch of how I believe the claims set. I'm sure of their placement in relation to one another but not too sure of the road, etc. Finding corner marks you can work along lines of above placement of claims.

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 1667 X

Date received 6-8-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 8 - 1951
LANDON F. STROBEL
Executive Secretary

Date

Name and address of applicant

FILL IN THIS BLOCK

Date of application June 4

Estimated cost

Mineral or metal lead, zinc, silver, gold

Percentage of Government participation

Location of mine 12 miles north east of Monarch Colorado

Date of filing MF-100 June 4

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property. non
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.
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    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
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    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
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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.

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.

---------- By ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (Title)

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

*Same as footnote on page 1.

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

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 1667 X

Date received 6-8-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 8 - 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application June 4

Estimated cost

Mineral or metal Lead, zinc, gold, silver

Percentage of Government participation

Location of mine 2 miles north east of Manzos Colorado

Date of filing MF-100 June 4

DMA Docket Number, if available

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