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

a. E. C.

July 5, 1951

Re: DMA-1513X
Mrs. Ida Angel
Lead-silver, mica

Memorandum

To: Reports and Records Unit
Administrative Management Division

From: Chief, Lead-Zinc Branch

Subject: Denial of exploration loan

Application is for loan of $37,875 (or $37,865, if addition is corrected) to explore a vein reported by the applicant to contain "86 oz. in lead, 82 oz. in silver, 20 oz. in gold, traces of mica, monazite and graphite". Mine is in Camas County, Idaho, 40 miles north of Fairfield. Property has a tunnel 34 feet long made prior to 1925.

Of the loan requested, $20,000 is for a mill which is not a permissible item under an exploration program. The only contribution applicant proposes to make to the project, assuming that the rest of it is acceptable exploration, is rental of equipment valued at $8,500 but with a rental value of only $225 per month. She proposes to rent this equipment to the project for 15 months, but this in not coordinated with her manpower requirements which is 7 men for only 2 months. The equipment is no good to the project without men to use it. Applicant has confused the value of equipment with its rental value and assumes that she is making a larger contribution to the project than is the case.

It is recommended that the application be denied and that the attached letter be sent to applicant.

Returned herewith are 3 copies of MF-103, with transmittal letter from Kiilsgaard dated May 28.

Otto Herres
Otto Herres, Chief
Lead-Zinc Branch

Approved:
Sam Lyon
Director, Supply Division

FILE COPY
SURNAME:

McKnight
Otto Herres

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

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Otto Herres

Otto Herres, Chief
Lead-Zinc Branch

Approved:
Tom Lyon

Director, Supply Division

ETMcKNIGHT:emp
G 7/5/51

Copies to: A. E. Weissenborn Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

FILE COPY
SURNAME:

McKnight
Hetzel

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

July 5, 1951

Mrs. Ida Angel

Re: DMA-1513

Fairfield, Idaho

Dear Mrs. Angel:

Your application for a loan of $37,875 to explore the Old Iron Sides Claim in Camas County, Idaho, has been reviewed by the Defense Minerals Administration.

I regret that the information given in your application does not warrant approval of an exploration loan. Following is a breakdown of your proposed expenses:

	Mill		$ 20,000
	Bunkhouse, cook shack, blacksmith, ore bins		5,000
3	Miners at $400)		
2	Muckers at $300)	$2500 for 2 months	5,000
1	Foreman at $500)		
1	Cook at $200)		
	Truck and transportation		3,500
	Hose compressor, 110 cu. ft.)		
	Hammers)	Valued at $8,500	
	Ore car)	Rental value, $225	3,375
	Tracking)	per mo. for 15 mos.	
	Tools)		
	Materials or supplies		500
	Gasoline for power		300
			$ 37,675

Of the amount requested, $20,000 is for a mill which is not a permissible item of expenditure under an exploration loan. If this item is subtracted from the amount requested in your application, the remainder is $17,675. Your share of this expense on a 50-50 participating basis would be $8,837.50. You propose to furnish $8,500 in equipment, but this figure is the value of the equipment and not its rental value which is stated to be $225 per month. For 15 months, the time estimated to accomplish the exploration, the rental would amount to only $3,375. But your manpower, amounting to 7 men, is to be used for only two months, so that the Government could accept rental of equipment as your part of the expenses only for the two months that

you would have workmen on the job. Remaining items of expense, as listed above, are not items that can carry on an exploration program, in the absence of manpower, for 13 additional months during which you would rent equipment to the project.

On the basis of the facts presented herein, we do not believe that the rental of equipment that you have to offer is sufficient to carry out the proposed exploration, and I regret that your project must be denied.

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

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

ETMcKNIGHT:emp
7-5-51 G
Copies to: A. E. Weissenborn Region II (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
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L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

L. F. Strobel

a. E. C.

July 5, 1951

Mrs. Ida Angel

Re: [illegible]-1513

Fairfield, Idaho

Dear Mrs. Angels

Your application for a loan of $37,075 to explore the Old Iron Sides Claim in Camas County, Idaho, has been reviewed by the Defense Minerals Administration.

I regret that the information given in your application does not warrant approval of an exploration loan. Following is a breakdown of your proposed expenses:

Mill		$ 20,000
Bunkhouse, cook shack, blacksmith, ore bins		5,000
5 miners at $400		
2 muckers at $300	$2500 for 2 months	5,000
1 foreman at $500		
1 cook at $200		
Freight and transportation		3,500
Rose compressor, 110 cu. ft.		
Drillers	valued at $[illegible]	
Ore car	Rental value, $225	3,375
Trucking	per mo. for 15 mos.	
Tools		
Materials or supplies		500
Gasoline for power		500
		$ 37,875

Of the amount requested, $20,000 is for a mill which is not a permissible item of expenditure under an exploration loan. If this item is subtracted from the amount requested in your application, the remainder is $17,875. Your share of this expense on a 50-50 participating basis would be $8,937.50. You propose to furnish $2,500 in equipment, but this figure is the value of the equipment and not its rental value which is stated to be $225 per month. For 15 months, the time estimated to accomplish the exploration, the rental would amount to only $3,375. But your manpower, amounting to 7 men, is to be used for only two months, so that the Government would accept rental of equipment as your part of the expense only for the two months that

[illegible] would have [illegible] on the job [illegible] items of expense, as listed above, are [illegible] these [illegible] carry on an exploration program, in the absence of manpower, for 13 additional months during which [illegible] would rent equipment to the projects.

[illegible] the basis of the facts presented herein, we do not believe that the rental of equipment that you have to offer is sufficient to carry out the proposed exploration, and I regret that your project must be denied.

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

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

[illegible]:[illegible]:[illegible]:emp
7-5-51
Copies to: [illegible] Weissenborn [illegible]
Chief, Lead-Zinc Br.
[illegible] T. McKnight [illegible]
[illegible] H. [illegible]
[illegible] Strobel
Directors r. file [illegible]
Br. r. file [illegible]
Files

FILE COPY
SURNAME:

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

June 15, 1951

Miss Ida Angel
Fairfield
Idaho

Subject: DMA-1513 X
Re: Exploration Loan -
Old Iron Sides Mine

My dear Miss Angel:

Receipt is acknowledged of your application and attachments of May 19, 1951 for a Government loan under the Defense Production Act of 1950.

The application was assigned Docket Number 1513 X and referred to Mr. Otto Herres, Chief, Lead-Zinc Branch, on June 7, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1513 X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL/aec
cc: Strobel-2
Mr. Lyon
Mr. Herres
Files

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. dma 1513 X

Date received 6-1-51

Participation

Ida Angel
Fairfield
Idaho

Name and address of applicant

Date May 19-51

FILL IN THIS BLOCK

Date of application May 19 1951

Estimated cost $37,875.00

Mineral or metal Lead, Silver, Mica and other minerals.

Percentage of Government participation $18,937.50

Location of mine Skeleton District

Camas County, Idaho

Date of filing MF-100

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? Individual

*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. None

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 30 years and will engage services of experienced mining men.

*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. None

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. None

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. None

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)? $8,500.00 in equipment----

*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 Refer to attached copy

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 Refer to attached copy

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 Refer to attached copy

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.

Old Iron Silver Mine
(Name of company)

By Ida Angel
(Signature of authorized official)

Aug 1 1955 Silver Mine
(Date)

Owner
(Title)

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

*Same as footnote on page 1.

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

THE PROPERTY

This prospect is a Lead, Silver mine, in unorganized Skeleton District in Camas County, Idaho, located about half way (or a mile from highway) up on side of hill or a hogback, this hogback is all heavily mineralized with two creeks, one on each side, coming from springs above and emptying into the South Boise River.

Exploration work will be on #1 which is about 4000 feet in a northerly direction from junction of Ross Fork and Johnson Creek upon westerly slope of Johnson Creek, Camas County, Idaho.

The name of this mine is called the Old Iron Sides and it is about 40 miles north of Fairfield, Idaho, good roads right up to the last mile, this mile can easily be made with a jeep.

Fairfield is a small town on a branch line of the U. P.R.R.Co. Oiled roads from Fairfield lead to all points of the U.S.

Plenty of water available at all times from creeks which come from springs, one spring right at portel, to operate all equipment for mine the year round. As to power, Gasoline would be the most practable there.

There are no buildings or equipment on ground at present time.

The ore can very easily be hauled to R.R. or Smelter by truck. A Mill installed at the mine would be more cheaper and a larger saving made by concentration of the ore.

A tunnel about 35 feet in which we followed a solid 2 foot high grade shipping vein in a 100 foot ledge of good grade milling ore, this vein dips right into the hill (engineers beleive this indicates a large body of ore), this was assayed in 1925, and the returns were, 86 oz. in Lead, 82 oz. in Silver, 20 oz. in Gold, traces of Mica, Monazite, and Graphite. The ore crops out all over this hill and this tunnel does not have to be timbered as far as we went.

There wasn't much work done up there since 1925, only assessment work. Mr. Angel quit soon as he struck the ledge, but had planned on working it, blocking out ore, but he passed away shortly afterward and I could not do much by myself, but did manage to have some blocked out, then sacked it, but it disappeared.

This mine has the same ledge as the Old Vienna mine, a famous old producer. Just 14 miles north, former State Mine Inspector M. Campbell said on several visits, of all the prospects, this is the one he would prefer.

Mr. George Remblar, a mining engineer from Hailey at that time associated with the Old Independence, examined the mine, said it looks like you have a winner here, that this hill is mineralized everywhere, no telling how many thousands of tons of the ore is here.

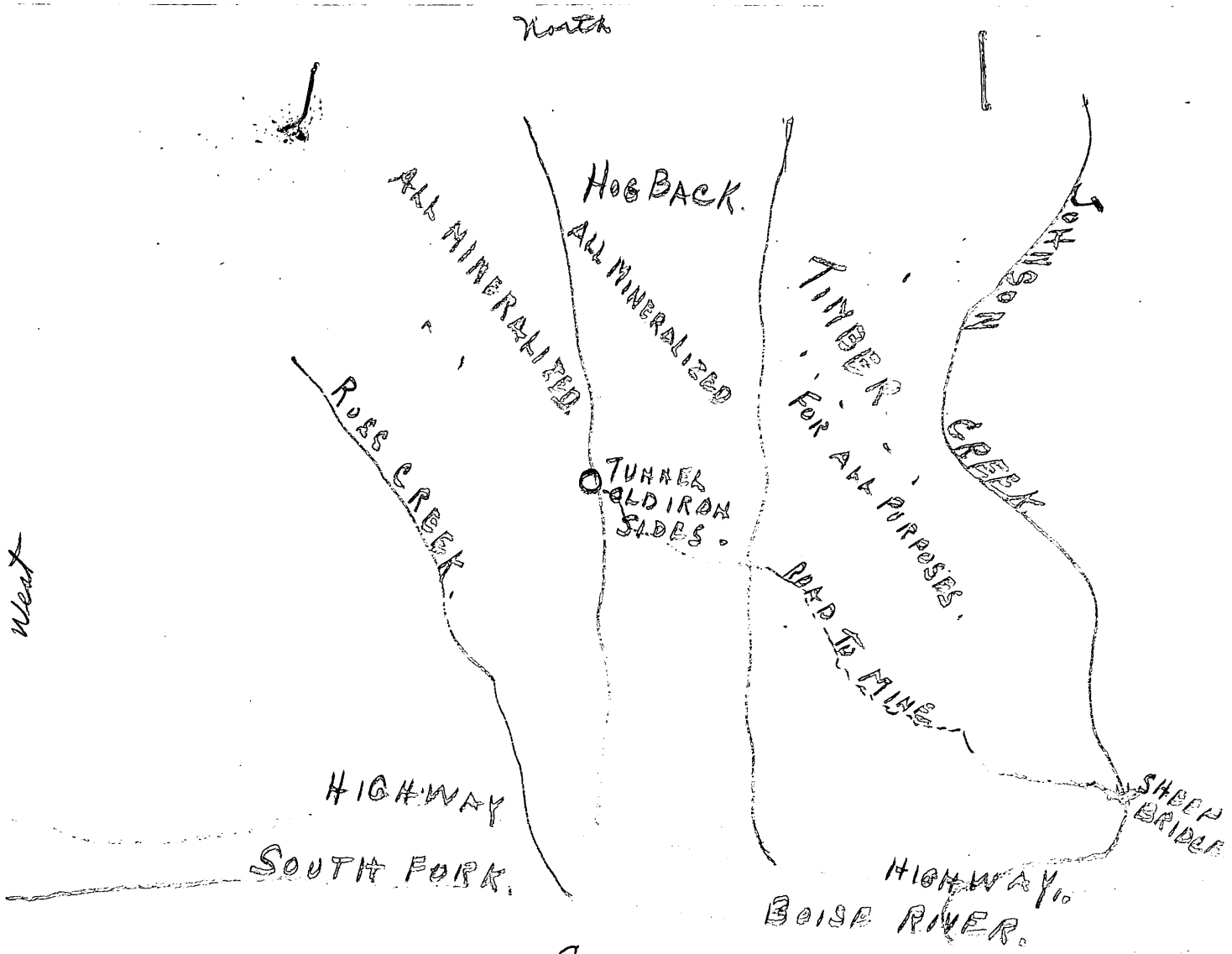
THE EXPLORATION

The exploration would be conducted for Lead, Silver, and the other minerals that are necessary and essential from various reports and indications there is plenty with very little development work to do.

Buildings should be built, bunk house, cook shack, blacksmith, ore bins, compressor installed, mill, tools, tracks, ore car, and etc.

Should be in a production basis in about 15 months from date.

Can not give assay maps or sample lists at this writing, a geologized map is hereon.



REQUIREMENT COSTS

A Mill.....$20,000.00

Buildings.....Bunk house
Cook shack.....$ 5,000.00
Blacksmith
Ore bins

3 Miners @ 400
2 Muckers @ 300.....$2,500.00 for 2 months....$ 5,000.00
1 Forman @ 500
1 Cook @ 200

Truck and Transportation.....$ 3,500.00

Hose Compressor.....110 Cu. Ft.
Hammers.....
Ore Care.....
Tracking.....
Tools.....
Rental Value. $225.00 per mo.....$ 3,375.00
Valued at $8,500.00

Materials or Supplies.....$ 500.00

Gasoline for power.....$ 300.00

15 months after Date this should be accomplished and on producing basis.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 - 1951
LANDON F. STROBEL
Executive Secretary

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 1513X

Date received 6-1-51

Participation

Ida Angel
Fairfield
Idaho

Name and address of applicant

Date May-19-51.

FILL IN THIS BLOCK

Date of application May 19 1951

Estimated cost $37,875.00

Mineral or metal Lead, Silver, Mica and other minerals.

Percentage of Government participation $18,937.50

Location of mine Skeleton District

Camas County, Idaho

Date of filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. None

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 30 years and will engage services of experienced mining men.

*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

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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. None

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*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.
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    (*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.
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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.

Old Iron Side Mine
(Name of company)

By Ida Angel
(Signature of authorized official)

May - 19 - 57
(Date)

Owner
(Title)

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

*Same as footnote on page 1.

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

THE PROPERTY

This prospect is a Lead, Silver mine, in unorganized Skeleton District in Camas County, Idaho, located about half way (or a mile from highway) up on side of hill or a hogback, this hogback is all heavily mineralized with two creeks, one on each side, coming from springs above and emptying into the South Boise River.

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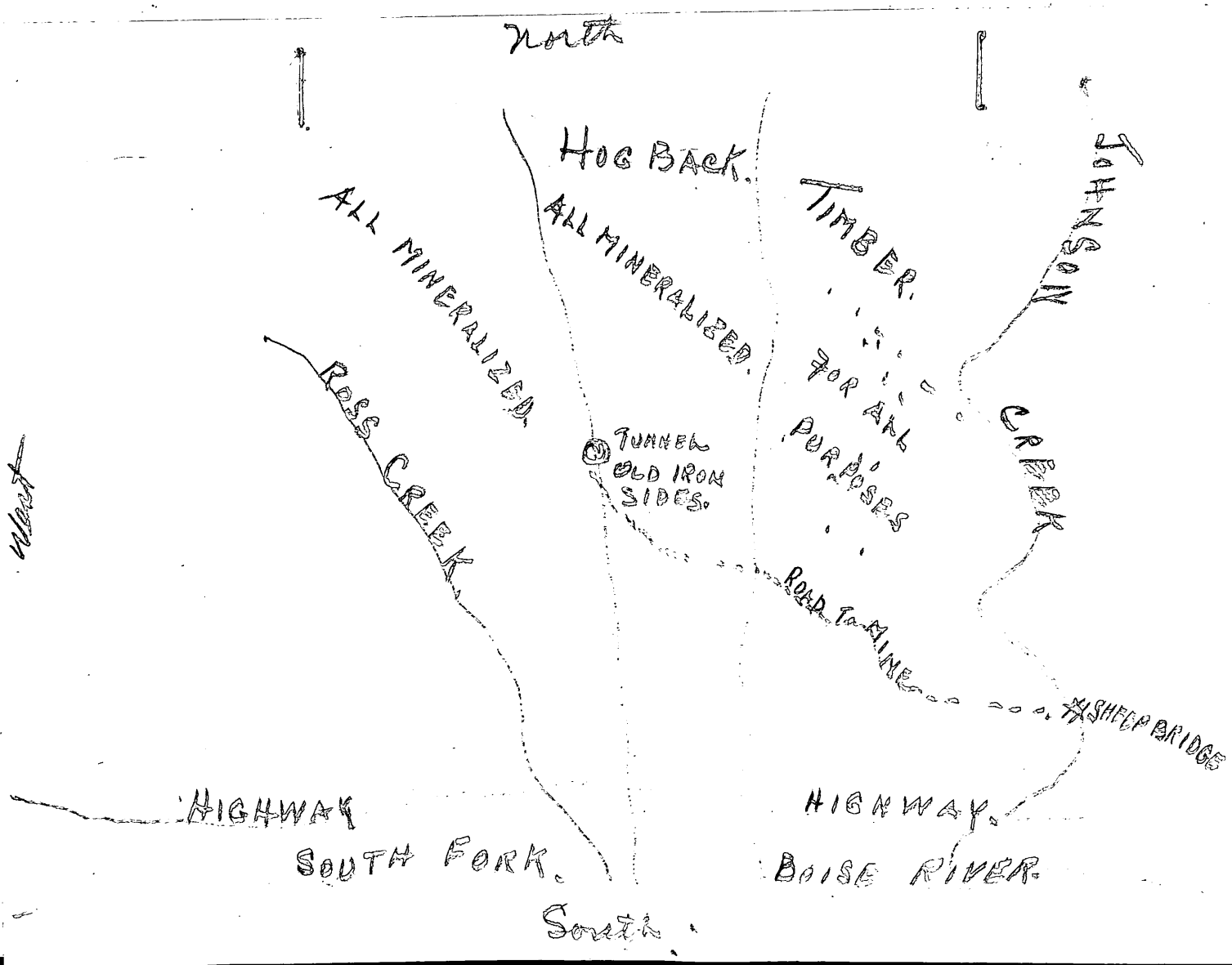
THE MERCHANT II

The exploration would be conducted for lead, silver, and the other minerals that are common by and essential from various reports and indications there is plenty with very little development work to do.

Buildings should be built, bunk house, cook shack, blacksmith, ore bins, compressor installed, mill, tools, trucks, ore car, and so.

Should be in a production basis in about 15 months from date.

Can not give assay maps or sample lists at this writing, a geological map is known.



EQUIPMENT COSTS

A Mill.....$20,000.00

Buildings.....Dark house
Cook shack.....$ 5,000.00
Blacksmith
Gas Mine

3 Miners @ $100
2 Machine @ $300.....$2,500.00 for 2 months....$ 5,000.00
1 Foreman @ $500
2 Cook @ $200

Stock and Supplies.....$ 3,500.00

Gas Compressor.....210 Cu. Ft.
Tanners.....
Gas Cars..... Rental Value. ($225.00 per co.....$ 3,375.00
Stoping..... Valued at $3,500.00
Tools.....

Incidals or Supplies.....$ 500.00

Gasoline for power.....$ 300.00

15 months after this date this should be accomplished and be producing basis.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 - 1951
LANDON F. STROBEL
Executive Secretary

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 1513 X

Date received 6-1-51

Participation

Ida Angel
Fairfield
Idaho

Name and address of applicant

Date May 19-51

FILL IN THIS BLOCK

Date of application May 19 1951

Estimated cost $37,875.00

Mineral or metal Lead, Silver, Mica and other minerals.

Percentage of Government participation $18,937.50

Location of mine Skeleton District

Camas County, Idaho

Date of filing MF-100

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? Individual

*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. None

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. 30 years and will engage services of experienced mining men.

*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. None

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. None

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement. None

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)? $8,500.00 in equipment----

*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 Refer to attached copy

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 Refer to attached copy

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 Refer to attached copy

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.

Old Iron Sides Mine
(Name of company)

By [illegible]
(Signature of authorized official)

May - 19 - 51
(Date)

Owner
(Title)

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

*Same as footnote on page 1.

THE PROPERTY

This prospect is a Lead, Silver mine, in unorganized Skeleton District in Camas County, Idaho, located about half way (or a mile from highway) up on side of hill or a hogback, this hogback is all heavily mineralized with two creeks, one on each side, coming from springs above and emptying into the South Boise River.

Exploration work will be on #1 which is about 4000 feet in a northerly direction from junction of Ross Fork and Johnson Creek upon westerly slope of Johnson Creek, Camas County, Idaho.

The name of this mine is called the Old Iron Sides and it is about 40 miles north of Fairfield, Idaho, good roads right up to the last mile, this mile can easily be made with a jeep.

Fairfield is a small town on a branch line of the U. P.R.R.Co. Oiled roads from Fairfield lead to all points of the U.S.

Plenty of water available at all times from creeks which come from springs, one spring right at portal, to operate all equipment for mine the year round. As to power, Gasoline would be the most practable there.

There are no buildings or equipment on ground at present time.

The ore can very easily be hauled to R.R. or Smelter by truck. A Mill installed at the mine would be more cheaper and a larger saving made by concentration of the ore.

A tunnel about 35 feet in which we followed a solid 2 foot high grade shipping vein in a 100 foot ledge of good grade milling ore, this vein dips right into the hill (engineers beleive this indicates a large body of ore), this was assayed in 1925, and the returns were, 86 oz. in Lead, 82 oz. in Silver, 20 oz. in Gold, traces of Mica, Monazite, and Graphite. The ore crops out all over this hill and this tunnel does not have to be timbered as far as we went.

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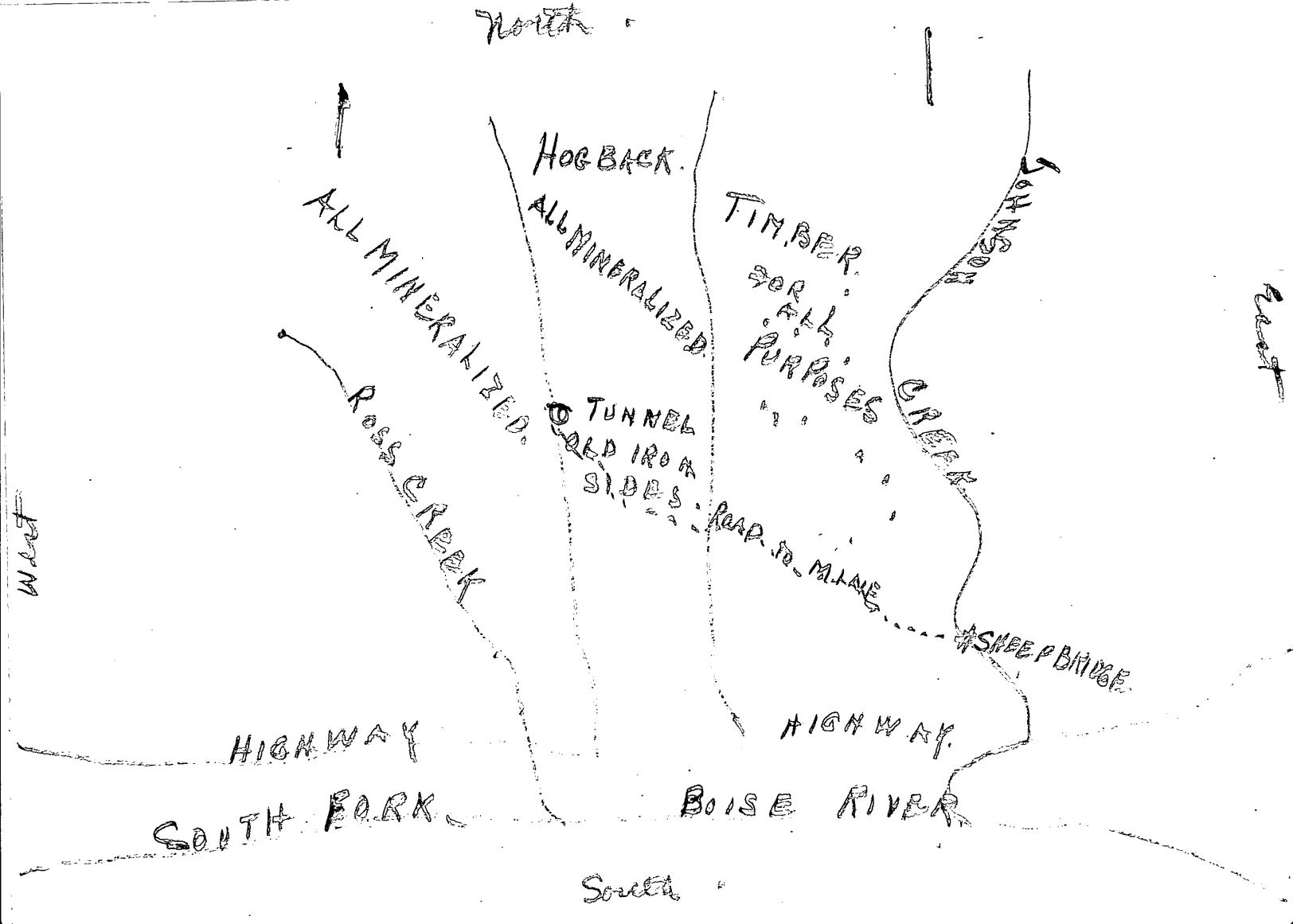
Buildings should be built, bunk house, cook shack, blacksmith, ore bins, compressor installed, mill, tools, tracks, ore car, and etc.

Should be in a production basis in about 15 months from date.

Can not give assay maps or sample lists at this writing, a geologized map is hereon.



REQUIREMENT COSTS

A Mill.....$20,000.00

Buildings.....Bunk house
Cook shack.....$ 5,000.00
Blacksmith
Ore bins

3 Miners @ 400
2 Muckers @ 300.....$2,500.00 for 2 months....$ 5,000.00
1 Forman @ 500
1 Cook @ 200

Truck and Transportation.....$ 3,500.00

Hose Compressor.....110 Cu. Ft.
Hammers.....
Ore Cars.....
Tracking.....
Tools.....
Rental Value. $225.00 per mo.....$ 3,375.00
Valued at $3,500.00

Materials or Supplies.....$ 500.00

Gasoline for power.....$ 300.00

15 months after Date this should be accomplished and on producing basis.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 - 1951
LANDON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington

May 31, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

I am enclosing herewith four copies of Form MF-103, submitted by Ida Angel, Fairfield, Idaho. Mrs. Angel does not state definitely for what mineral she intends to explore, but presumably this is a placer operation involving monazite, as under Question 20, she mentions monazite. It is not clear to me just what exploration Mrs. Angel proposes to do.

It is quite possible that Mrs. Angel may have a monazite deposit of some value, but over the last month we have corresponded with her on several occasions and it is my opinion that unless an examination is made of the property and a detailed plan of investigation worked out with Mrs. Angel, it is not likely we will get a feasible proposal that can be considered. Inasmuch as this is a monazite project, I would like to call upon Mr. Mitchell H. Kline of the Bureau of Mines for assistance. It is quite possible that Mr. Kline's crews may already have some information on this property.

Sincerely yours

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: M. E. Volin
M. H. Kline

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Defense Minerals Administration
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JUN 5 - 1951
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Executive Secretary

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Executive Officer, DMA
Field Team, Region II

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DEPARTMENT OF THE INTERIOR
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JUN 5 - 1951
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Executive Secretary

UNITED STATES
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A. G. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

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M. H. Kline

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 5 - 1951
LANDON F. STROBEL
Executive Secretary

Ind 1513X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

May 28, 1951

Mr. Landon F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed herewith is an exploration application submitted by Mrs. Ida Angel concerning the Old Ironsides mining property, Camas County, Idaho.

Mrs. Angel estimates that $20,000 of this proposed loan would be for the construction of a mill. We have advised Mrs. Angel that funds from exploration loans cannot be used for mill construction purposes, and that her proposed sum would be $20,000 less than the amount requested on the application.

We have no geologic information on this property.

Yours very truly,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosure

cc: U.S.B.M.

JUN 7 1951

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 - 1951
LANDON F. STROBEL
Executive Secretary