E. E. Adams, Administrative Officer, DMEA
Attention: Docket and Control Branch
Iron and Ferro-Alloy Division, DMEA

July 1, 1952

Removal of application from active file
Docket No. DMA 1568X - Tungsten
Mrs. Mary A. Gallehan
The Mary Agnes, et al, claims
Grand County, Utah

On June 2, 1952, we wrote to the applicant advising her that we would remove her application from the active file on June 30, 1952, unless we received the information which we had requested.

To date, we have not received a reply, therefore, the docket is transmitted herewith to be placed in your files.

George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Attachment

McClure
7/1/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. IV
Operating Committee
G. C. Selfridge

400

EXPLORATION

JUN 2 1952

Mrs. Mary A. Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - tungsten
The Mary Agnes, et al., claims
Grand County, Utah

Dear Mrs. Callahan:

On March 7, 1952, in response to our letter of March 3 to you, you informed us that you had been away from home for several months and that our letters to you may have been lost. You further stated that you would answer our questions to the best of your ability and requested an extension of time on your application.

On March 13, 1952, we sent you copies of our letters of September 1951 and January 21, 1952. To date we have not received an answer from you.

We note that your application is now more than a year old. We would like to clear all of the old DMA applications from our active file but cannot do so unless applicants furnish us with requested information.

We wish to cooperate in the matter of allowing ample time but if the needed information has not been received by June 30, 1952, we will then remove your application from the active file and consider the matter closed.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

Gulfridge:ls 6/2/52

Copy to: Docket
Adm. Leasing File
Field Team, Legal
G. C. Gulfridge
D. M. Jemson, USBM & R. W. Geehan, USBM

MAR 1 3 1952

Mrs. M. A. Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - Tungsten
The Mary Agnes, et al., claims
Grand County, Utah

Dear Mrs. Callahan:

This is in reply to your letter of March 7, 1952, in which you inform us that you have been away from your home for several months.

We are enclosing copies of our letters of September, 1951, and January 21, 1952. Please answer the questions to the best of your ability. On receipt of the information, we shall proceed with the processing of your application.

Sincerely yours,

G. C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Enclosures
GCSelfridge:ls
3/12/52

cc: Admn. Reading File
Docket
G.C. Selfridge
Field Team, Region 4
R. W. Geehan, USBM
D. M. Lemmon, USGS

Mrs. Mary Agnes Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - Tungsten
The Mary Agnes, et al, Claims
Grand County, Utah

Dear Mrs. Callahan:

A review of your application of May 24, 1951, for a $7,050.00 exploration contract reveals that a letter dated January 21, 1952, by Mr. G. C. Selfridge, Chief, Iron and Ferro-Alloy Division of Defense Minerals Exploration Administration requests additional information necessary to process your application. We have not received an answer from you and we assume that you no longer desire to proceed with the application.

We wish to cooperate with you in the matter of allowing ample time, but if the needed data have not been received by April 1, 1952, we will then remove your application from the active file and consider the matter closed.

Sincerely yours,

C. O. Mittenderf

Acting Administrator
Defense Minerals Exploration
Administration

DGGentry'lm
2/28/52

cc: Adam. Reading File
Docket
R. W. Geehan, USGS
D. M. Lemmon, USGS
Field Team Reg. IV
G. C. Selfridge
D. G. Gentry

JAN 21 1952

Mrs. Mary Agnes Callahan
[illegible] Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - Tungsten
The Mary Agnes, et al, claims
Grand County, Utah

Dear Mrs. Callahan:

Our files on the subject application note that information relative thereto was requested during September, 1951, and that no answer has yet been received.

If you wish to proceed with this application, please favor us with the requested information. If you do not wish to continue, please so inform us.

Sincerely yours,

[illegible]

G. O. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

GLBrewer'lm
1/18/52

cc: Admn. Pending File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. IV
✓ G. O. Selfridge
G. L. Brewer

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : R. E. Adams, Administrative Officer, DMEA
Attention: Docket and Control Branch

DATE: July 1, 1952

FROM : Iron and Ferro-Alloy Division, DMEA

SUBJECT: Removal of application from active file
Docket No. DMA 1568X - Tungsten
Mrs. Mary A. Callahan
The Mary Agnes, et al, claims
Grand County, Utah

BY

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To date, we have not received a reply, therefore, the docket is transmitted herewith to be placed in your files.

G. C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Attachment

FILE COPY
SURNAME:

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

R. E. Adams, Administrative Officer, DMEA
Attention: Docket and Contracting Branch
Iron and Ferro-Alloy Division, DMEA

July 1, 1952

Selfridge

Removal of application from active file
Docket No. DMA 1568X - Tungsten
Mrs. Mary A. Callahan
The Mary Agnes, et al, claims
Grand County, Utah

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George C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Attachment

McClure
7/1/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. IV
Operating Committee
G. C. Selfridge

400

FILE COPY
SURNAME:

Selfridge

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

JUN 2 1952

Mrs. Mary A. Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - tungsten
The Mary Agnes, et al., claims
Grand County, Utah

Dear Mrs. Callahan:

On March 7, 1952, in response to our letter of March 3 to you, you informed us that you had been away from home for several months and that our letters to you may have been lost. You further stated that you would answer our questions to the best of your ability and requested an extension of time on your application.

On March 13, 1952, we sent you copies of our letters of September 1951 and January 21, 1952. To date we have not received an answer from you.

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We wish to cooperate in the matter of allowing ample time but if the needed information has not been received by June 30, 1952, we will then remove your application from the active file and consider the matter closed.

Sincerely yours,

C. O. Mittendorf (for) 6/2/52

Acting Administrator
Defense Minerals Exploration
Administration

GCSelfridge:ls 5/29/52

Copy to: Docket
Admn. Reading File
Field Team, Region 4
G. C. Selfridge
D. M. Lemmon, USGS & R.W.Geehan, USBM

400

FILE COPY
SURNAME:

Selfridge

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

MAR 1 3 1952

Mrs. M. A. Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - Tungsten
The Mary Agnes, et al., claims
Grand County, Utah

Dear Mrs. Callahan:

This is in reply to your letter of March 7, 1952, in which you inform us that you have been away from your home for several months.

We are enclosing copies of our letters of September, 1951, and January 21, 1952. Please answer the questions to the best of your ability. On receipt of the information, we shall proceed with the processing of your application.

Sincerely yours,

E.L. 3/13/52

G. C. Selfridge

G. C. Selfridge, Chief
Iron and Ferro-Alloy Division

Enclosures
GCSelfridge:ls
3/12/52

cc: Admn. Reading File
Docket
G.C. Selfridge
Field Team, Region 4
R. W. Geehan, USBM
D. M. Lemmon, USGS

Grand Junction, Colorado.
620 Chipeta, March 7, 1952.

U.S. Department of the Interior,
Defense Minerals Administration,
Washington, D.C.

ATT; Acting Adminintrator.

Dear Sir ;

I have your letter of March 3rd, in which you say you need additional information necessary to process my application, by April first.

I am certainly willing to cooperate with you, and have answered all the letters I have received, But I have been away for several months and it may have been lost. How ever I am willing to try and answer any thing you might need to know, to the best of my ability.

I would like to know if you will give me an extension of time on my application.

Hopimg to hear from you at once.

Sincerely yours,

Mrs M. A. Callahan.

Mrs. M. A. Callahan,

Re: Docket No. DMA 1568X - Tungsten
The Mary Agnes, et al, Claims.
Grand County, Utah.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 1 0 1952

FILE COPY
SURNAME:

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

Recently selfridge

MAR 3 1952

Mrs. Mary Agnes Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - Tungsten
The Mary Agnes, et al, Claims
Grand County, Utah

Dear Mrs. Callahan:

A review of your application of May 24, 1951, for a $7,050.00 exploration contract reveals that a letter dated January 21, 1952, by Mr. G. C. Selfridge, Chief, Iron and Ferro-Alloy Division of Defense Minerals Exploration Administration requests additional information necessary to process your application. We have not received an answer from you and we assume that you no longer desire to proceed with the application.

We wish to cooperate with you in the matter of allowing ample time, but if the needed data have not been received by April 1, 1952, we will then remove your application from the active file and consider the matter closed.

Sincerely yours,

C. O. Mittendorf (fw) cc 3/3/52

Acting Administrator
Defense Minerals Exploration
Administration

GGGentry'lm
2/28/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. IV
G. C. Selfridge
G. G. Gentry

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

REFERRED TO: DATE 1-21-52

1. Mr. Barnes
2. Rm 3538
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: To be placed with docket.

Check (X) before the items needing attention.

ROBERT E. ADAMS

Initials of sender.

J. D.

GPO 16—63815-1

Reading

400

FILE COPY
SURNAME:

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

Baker
Salt Lake
Utah

JAN 21 1952

Mrs. Mary Agnes Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Re: Docket No. DMA 1568X - Tungsten
The Mary Agnes, et al, claims
Grand County, Utah

Dear Mrs. Callahan:

Our files on the subject application note that information relative thereto was requested during September, 1951, and that no answer has yet been received.

If you wish to proceed with this application, please favor us with the requested information. If you do not wish to continue, please so inform us.

Sincerely yours,

George C. Selfridge

G. C. Selfridge, Acting Chief
Iron and Ferro-Alloy Division

QLBrewer:lm
1/18/52

cc: Admn. Reading File
Docket
R. W. Geehan, USBM
D. M. Lemmon, USGS
Field Team Reg. IV
G. C. Selfridge
Q. L. Brewer

1-21-52
J.D.

write follow up 1/17

1568-X

No statement of exploration proposal. No map.
No proof of ore deposit.

write follow-up letter

Check with Adams first

Reject.

DRL
6-14-51

Mr. Haederer

340

Mrs. Mary Agnes Callahan
620 Chipeta Avenue
Grand Junction, Colorado

In reply please refer to
DMA 1568 - Tungsten

Dear Mrs. Callahan:

We are in need of additional information in order to take action on your application. The following questions are the ones which lack full and complete answers:

#4. Your description of your mining and business experience is not adequate for our purposes. You should submit names of mines or properties you have been connected with and the part you played in each project.

#8. It is necessary for you to show a statement of net worth which includes all liabilities.

#12. Your answer to this question does not give the required details as to the roads on or near the property nor is it complete in reference to shipping points, towns, and railroads.

#13. You have not given data as to where the ore will have to be transported in order to be milled.

#16 c. You have submitted no private reports of mine examination, recommended exploration, and metallurgical investigation.

#18. None of the data required under this question has been submitted. There must be a concise and clear description of the deposit. Assay data of some type is necessary. A rough estimate of indicated, inferred, or measured ore must be submitted.

#20. In answer to this question, you say "Tungsten." This is not a mineral but an element.

#21. Your reply does not answer the question. This answer should give details as to what you intend to do in the way of exploration. You should furnish a complete schedule of the time required for each phase of the project.

#22. You have neglected to answer this question. The answer should contain assays, maps, and cross-sections. This is a very important question.

#23. This question is only partially and poorly answered. This must be answered fully.

#24. The answer for this question is not adequate.

In order to take further action on your application, it will be necessary for you to supply us with full and complete data.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

CHJacoby:dgs
Sep 11, 1951

CC: Adm. Reading File
DMA Docket File
Mr. Holderer

FILE COPY
SURNAME:

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

June 18, 1951

Miss Mary Agnes Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Subject: DMA-1568X
Re: Exploration Loan
Mary Agnes & Marie R.
Mining Claims

My dear Miss Callahan:

Receipt is acknowledged of your application and attachments of May 24, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA -1568X and was referred to Mr. P. H. Bradley, Chief, Tungsten Branch on June 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1568X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
>Files
Bradley
Lyon

Form MF-100
(March 1951)

U. DEPARTMENT OF THE INTERI
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 1568X

Date received 6-4-51

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

$7,050

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo

Name and address of applicant

Date May 24/1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Tungsten
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts. 20 ft
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits. 10 ft
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. no water
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. S.E Cisco Utah 17 miles S.W. Grand Jct Colo 47 "
   (*b*) Mining district.
   (*c*) Township, Section, Range. Sec 23 T 23S R 25E SL.M.
   (*d*) County, State. Grand Co. Utah
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:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production none

   If not in production or operation, estimated date when production will begin when Gov't assistance assured
6. Experience of operators: Experienced Mining Uranium, Gold, Silver + Lead + General Contractors

   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. never been in operation
   (*b*) State briefly the known history and production of adjoining and neighboring properties. none
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none available

16—63792-1

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)
	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: none to date

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.)	no production shipped				
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.

This deposit is exposed in Granite formation averaging 6 ft. wide with some 4 ft of Fluorite adjacent and exposed for several thousand feet.

16—63792-1

(b) If deposit is other than placer:

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

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	There is no way of estimating tonage by exposed area				
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: Good road 40 miles from Grand Junction, Colo then pioneer road 7 miles to property.

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: Domestic water near mine, Colorado River 12 miles for milling.

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

15. Power: R.E.A. Power available 7 miles

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

16. Labor: Just prospecting and doing assessment work

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.

~~Mary Agnes Callahan~~ (Name of company) By Mrs M. A. Callahan (Signature of authorized official)

Owner May 24. 1951 (Date) Mrs R. T. Mary Agnes (Title) owner

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-103
(April 1951)

U. DEPARTMENT OF THE INTERI
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. .....

Date received .....

Participation .....

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo

Name and address of applicant

Date May 24/1951

FILL IN THIS BLOCK

Date of application May 24/1951 Estimated cost $7,050.00

Mineral or metal Tungsten Percentage of Government participation .....

Location of mine Sec 23 T 23S R 25E
Salt Lake Meridian

Date of filing MF-100 May 24/1951 DMA Docket Number, if available .....

INSTRUCTIONS

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

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? individual
*2. If a partnership, state names and addresses of partners. no
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. no
*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. Experienced, Uranium, Silver, Lead & Gold mining
*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. individual Owner
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)? $2000.00

*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. Mary Agnest Morie R. Mining Claims Sec 23-T23S R25E S.L.M.

(*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. Mary Agnes & Morie R. Mining Claims

*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. M.F. 100 - #13

*13. State source and quantity of water available for operations and its sufficiency at all seasons. M.F. 100 #14
State amount of power to be used, rate per hour or other cost, and source. M.F. 100 #15

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none there at present

15. State in detail how the ore could be shipped and how and where milled. Ore trucked ~~from~~ to Grandstaff

*16. History: Colo or Cisco, Utah. on completion of road for shipment to mill

(*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. no production

(*b*) State briefly the known history and production of adjoining and neighboring properties. none

(*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? Tungsten

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

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

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

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. miner $2.00 per hr. / Laborer muckers $1.50

(*b*) Supervisors, by numbers and positions, with salaries of each. one $500.00 per mo. Dozer Operator

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. 1000.00 Ore Bin

(*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. Expect to rent equipment

(*f*) Cost of rental for equipment which the operator proposes to rent. $1,296.00

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. $1,202.00

(*i*) Cost of power, water, utilities, and any other items not provided for above. none

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. Project to be completed in 45 days

CERTIFICATION

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

Mary Agnes Callahan (Name of company) By Mrs M. A. Callahan (Signature of authorized official)

May 24. 1951 (Date) Morie R. & Mary Agnes 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.

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo.

#21. Included in this application is $1500.00 for access road as this property cannot be opened up economically without at least this amount spent.

#22. This ore is exposed with pracically no overburden and surface assays show a 1½ o/o tungsten with adjacent vein of 66 o/o Fluoride.

Form MF-103
(April 1951)

U. DEPARTMENT OF THE INTERI

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 1568 X

Date received 6-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Mary Agnes Callahan
620 Chipeta Ave
Grand Junction, Colo

Date May 24/1951

FILL IN THIS BLOCK

Date of application May 24/1951

Estimated cost $7050.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Sec 23 T 23 S R 25 E Salt Lake Meridian

Date of filing MF-100 May 24/1951

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners. no

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. no

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. Experienced, Uranium, Silver, Lead & Gold mining

*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. individual owner

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)? $2500

*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. Mary Agnes and Morie R. Mining Claims Sec 23, T23S R25E

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

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. Mary Agnes & Morie R. Mining Claims

*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. MF. 100 – #13

*13. State source and quantity of water available for operations and its sufficiency at all seasons. MF100-#14
State amount of power to be used, rate per hour or other cost, and source. MF. 100 #15

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none there at present

15. State in detail how the ore could be shipped and how and where milled. Ore trucked to Grand Jct, Colo or to Cisco, Utah on completion of road for ship to mill

*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. no production

(*b*) State briefly the known history and production of adjoining and neighboring properties. none

(*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? Tungsten

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

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

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

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. Miner + Dozer operator $2.00 hr muckers Lobo $1.25 per hr.

(*b*) Supervisors, by numbers and positions, with salaries of each. one $500.00 per mo.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $1000.00 ore Bin

(*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. Expect to rent equipment

(*f*) Cost of rental for equipment which the operator proposes to rent. $1,296.00

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. $1,202.00

(*i*) Cost of power, water, utilities, and any other items not provided for above. none

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.
Project to be completed in 45 days

CERTIFICATION

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

~~Mary Agnes Callahan~~ (Name of company) By Mio M. Callahan (Signature of authorized official)

Owner May 24. 1957. (Date) Morie R. & Mary Agnes (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.

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. .....

Date received .....

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo

Name and address of applicant

Date May 24/1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (a) What are the chief mine, mill, or smelter products? Tungsten
   (b) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (a) Linear feet of shafts. 20 ft
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits. 10 ft
   (d) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. no water
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. S.E. Cisco, Utah 17 miles SW. Grand Jct Colo 247 "
   (b) Mining district.
   (c) Township, Section, Range. Sec 23 T23S R25E Salt Lake Meridian.
   (d) County, State. Grand Co. Utah
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:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production ..... none

   If not in production or operation, estimated date when production will begin when Gov't assistance assured
6. Experience of operators: Experienced Mining Uranium, Gold, Silver + Lead + general contracting

   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. never been in operation
   (b) State briefly the known history and production of adjoining and neighboring properties. none
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none available

16—63792-1

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)
	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: none to date.

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.)	no production shipped				
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.

This deposit is exposed in granite formation averaging 6ft wide with some 4ft of Fluorite adjacent and exposed for several thousand ft

16—63792-1

(b) If deposit is other than placer:

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

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	There is no way of estimating tonage				
Indicated (probable)	by exposed area.				

(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: Good road 40 miles from Grand Junction, Colo then pioneer road 7 miles to property.

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: Domestic water near mine, Colorado River 12 miles for milling

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

15. Power: R. E. A. Power available 7 miles

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

16. Labor: Just prospecting and doing assessment work

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.

Mrs Mary Cegnar Callahan (Name of company) By M. A. Callahan (Signature of authorized official)

May 24, 1951 (Date) Morris R. & Mary Cegnar 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.

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo.

#21. Included in this application is $1500.00 for access road as this property cannot be opened up economically without at least this amount spent.

#22 This ore is exposed with practically no overburden and surface assays show a 1½ % tungsten with adjacent vein of 66 % Fluoride.

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 1568X

Date received 6-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo

Date May 24/1951

FILL IN THIS BLOCK

Date of application May 24/1951

Estimated cost $7050.00

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Sec 23 T 23S R 25E
Salt Lake Meridian.

Date of filing MF-100 May 24/1951

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners. no

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders. no

*4. Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who will manage the project. Experienced, Uranium, Silver, Lead & Gold mining owner

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

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

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

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. individual owner

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)? $2000

*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. Mary Agnes and Morie R. Mining claims Sec 23, T23S
(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. R25E. S.L. ½

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. Mary Agnes & Morie R Mining Claims
*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. MF 100 - #13
*13. State source and quantity of water available for operations and its sufficiency at all seasons. MF 100. #14
State amount of power to be used, rate per hour or other cost, and source. MF 100 #15
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none there at present
15. State in detail how the ore could be shipped and how and where milled. ore trucked to Grand Jct Colo. or to Cisco Utah on completion of road.
*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. no production
(*b*) State briefly the known history and production of adjoining and neighboring properties. none
(*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? Tungsten
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. seperate sheet

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

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

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. miner + $2.00 per hr. Dozer opr. per hr. | Laborer 1.50 mucker per hr
(*b*) Supervisors, by numbers and positions, with salaries of each. one $500.00 per mo
(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none
(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. 1000 @ ore Bin
(*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. Expect to rent equipment
(*f*) Cost of rental for equipment which the operator proposes to rent. $1296.00
(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none
(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. $1,202.00
(*i*) Cost of power, water, utilities, and any other items not provided for above. none
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. Project to be completed in 45 days

CERTIFICATION

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

Mary Agnes Callahan (Name of company) By M. A. Callahan (Signature of authorized official)

May 24. 1951 (Date) Morie R. & Mary Agnes 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.

Mary Agnes Callahan
620 Chipeta Ave
Grand Junction, Colo.

#21. Included in this application is $1500.00 for access road as this property cannot be opened up economically without at least this amount spent.

#22. This ore is exposed with practically no overburden and surface assays show a 1½ % tungsten with adjacent vein of 66% Fluorids.

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. .....

Date received .....

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo

Name and address of applicant

Date May 24 / 1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (a) What are the chief mine, mill, or smelter products? Tungsten
   (b) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (a) Linear feet of shafts. 20 feet
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits. 10 ft
   (d) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. no water
3. For each operation listed above supply the following:
   (a) Distance and direction from nearest town and shipping point. S.E. Cisco, Utah 17 miles S.W. Grand Jct Co. 47 "
   (b) Mining district. ?
   (c) Township, Section, Range. Sec 23 T23 S R 25 E Salt Lake Meridian
   (d) County, State. Grand County, Utah
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:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production ..... none .....

   If not in production or operation, estimated date when production will begin when Gov't assistance assured
6. Experience of operators: Experienced Mining Uranium, Gold, Silver + Lead + general contracting

   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. never been in operation
   (b) State briefly the known history and production of adjoining and neighboring properties. none
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none available

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)
	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: none to date

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.)	no production shipped				
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.

This deposit is exposed in granite formation averaging 6 ft. wide with some 4 ft of Fluorite adjacent and exposed for several thousand ft.

16—63792-1

(b) If deposit is other than placer:

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

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	There is no way of estimating tonage by exposed area.				
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: Good road 40 miles from Grand Junction, Colo then pioneer road 7 miles to property

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: Domestic water near mine, Colorado River 12 miles for milling

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

15. Power: R.E.A power available 7 miles

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

16. Labor: Just prospecting and doing assessment work.

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.

Mary Agnes Callahan (Name of company) By M. A. Callahan (Signature of authorized official)

May 24, 1961 (Date) President R. & Mary Agnes (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

D MA Docket File

FILE COPY
SURNAME:

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

SEP 12 1951

Holden Geology

Mrs. Mary Agnes Callahan
620 Chipeta Avenue
Grand Junction, Colorado

In reply please refer to
DMA 1568 - Tungsten

Dear Mrs. Callahan:

We are in need of additional information in order to take action on your application. The following questions are the ones which lack full and complete answers:

#4. Your description of your mining and business experience is not adequate for our purposes. You should submit names of mines or properties you have been connected with and the part you played in each project.

#8. It is necessary for you to show a statement of net worth which includes all liabilities.

#12. Your answer to this question does not give the required details as to the roads on or near the property nor is it complete in reference to shipping points, towns, and railroads.

#13. You have not given data as to where the ore will have to be transported in order to be milled.

#16 c. You have submitted no private reports of mine examination, recommended exploration, and metallurgical investigation.

#18. None of the data required under this question has been submitted. There must be a concise and clear description of the deposit. Assay data of some type is necessary. A rough estimate of indicated, inferred, or measured ore must be submitted.

#20. In answer to this question, you say "Tungsten." This is not a mineral but an element.

#21. Your reply does not answer the question. This answer should give details as to what you intend to do in the way of exploration. You should furnish a complete schedule of the time required for each phase of the project.

#22. You have neglected to answer this question. The answer should contain assays, maps, and cross-sections. This is a very important question.

#23. This question is only partially and poorly answered. This must be answered fully.

#24. The answer for this question is not adequate.

In order to take further action on your application, it will be necessary for you to supply us with full and complete data.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

JF 9/12

CHJacoby:dgs
Sep 11, 1951

CC: Adm. Reading File
DMA Docket File
Mr. Holderer

June 18, 1951

Miss Mary Agnes Callahan
620 Chipeta Avenue
Grand Junction, Colorado

Subject: DMA-1568I
Re: Exploration Loan
Mary Agnes & Marie R.
Mining Claims

My dear Miss Callahan:

Receipt is acknowledged of your application and attacements of May 24, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA -1568I and was referred to Mr. P. R. Bradley, Chief, Tungsten Branch on June 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1568I.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: >Strobel-2
Files
Bradley
Lyon

Form MF-100
(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 1568X

Date received 6-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo

Date May 24/1951

FILL IN THIS BLOCK

Date of application May 24/1951

Estimated cost

Mineral or metal Tungsten

Percentage of Government participation

Location of mine Sec 23 T 23 S R 25 E
Salt Lake Meridian

Date of filing MF-100 May 24/1951

DMA Docket Number, if available

INSTRUCTIONS

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

THE APPLICANT

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

*2. If a partnership, state names and addresses of partners. none

*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. Experienced, Uranium, Silver, Lead + Gold mining.

*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. individual owner

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)? $2000 50

*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. Mary Agnes and Morie R. Mining claims Sec. 23, T 23 S.
(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. R 25 E SLM

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. Mary Agnes + Morie R. Mining Claims
*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. M.F 100 - #13
*13. State source and quantity of water available for operations and its sufficiency at all seasons. MF 100 - #14
State amount of power to be used, rate per hour or other cost, and source. MF 100 - #15
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. none there at present.
15. State in detail how the ore could be shipped and how and where milled. ore trucked to Grand Jct, Colo or to Cisco Utah on completion of road for shipment to mill
*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. no production
(*b*) State briefly the known history and production of adjoining and neighboring properties. none
(*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? Tungsten
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Seperate sheet

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

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

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. minor + $2.00 per hr. / muckers + laborers $1.50 per hr.
(*b*) Supervisors, by numbers and positions, with salaries of each. one $500.00 per mo. Dozer
(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. none
(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings. $1,000.00 ore Bin
(*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. Expect to rent equipment
(*f*) Cost of rental for equipment which the operator proposes to rent. $1,296.00
(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. none
(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. $1,202.50
(*i*) Cost of power, water, utilities, and any other items not provided for above. none
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. Project to be completed in 45 days.

CERTIFICATION

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

Mary Agnes Callahan (Name of company) By M. A. Callahan (Signature of authorized official)

Denver May 24, 1951 (Date) Morie R. & Mary Agnes Callahan owners (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.

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo.

#21. Included in this application is $1500.00 for access road as this property cannot be opened up economically without at least this amount spent

#22 This ore is exposed with practically no overburden and surface assays show a 1½ % tungsten with adjacent vein of 66% Fluoride

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. .....

Date received .....

Mary Agnes Callahan
620 Chipeta Ave.
Grand Junction, Colo

Name and address of applicant

Date May 24 / 1951

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Tungsten
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts. 20 ft
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits. 10 ft
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. no water
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. S E Cisco, Utah 17 miles
   (*b*) Mining district. S-W Grand Jct Colo 47 "
   (*c*) Township, Section, Range. Sec 23 T 23 S R 25 E Salt Lake Meridian
   (*d*) County, State. Grand Co. Utah
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:
   - [x] Owner.
   - [ ] Lessee.
   - [ ] Contractor.
5. Number of years in production none

   If not in production or operation, estimated date when production will begin when Gov't Assistance Assured
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. Experience Mining, Uranium, Gold, Silver-Lead + general contracting
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. never been in operation
   (*b*) State briefly the known history and production of adjoining and neighboring properties. none
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations. none available.

16—63792-1

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)
	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.)	no production		shipped		
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. This deposit is exposed in Granite formation averaging 6 ft wide with some 4 ft of Fluorite adjacent and exposed for several thousand ft.

(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)	There is no way of estimating tonage by exposed area				
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: Good road 40 miles from Grand Junction Colo then pioneer road 7 miles to property.

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply: Domestic water near mine, Colo River 12 miles for milling

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

15. Power: R.E.A. Power available 7 miles

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

16. Labor: Just prospecting and doing assessment work.

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.

Mrs Mary Agnes Callahan (Name of company) By M. A. Callahan (Signature of authorized official)

May 24, 1951 (Date) mom R.F. Mary Agnes (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